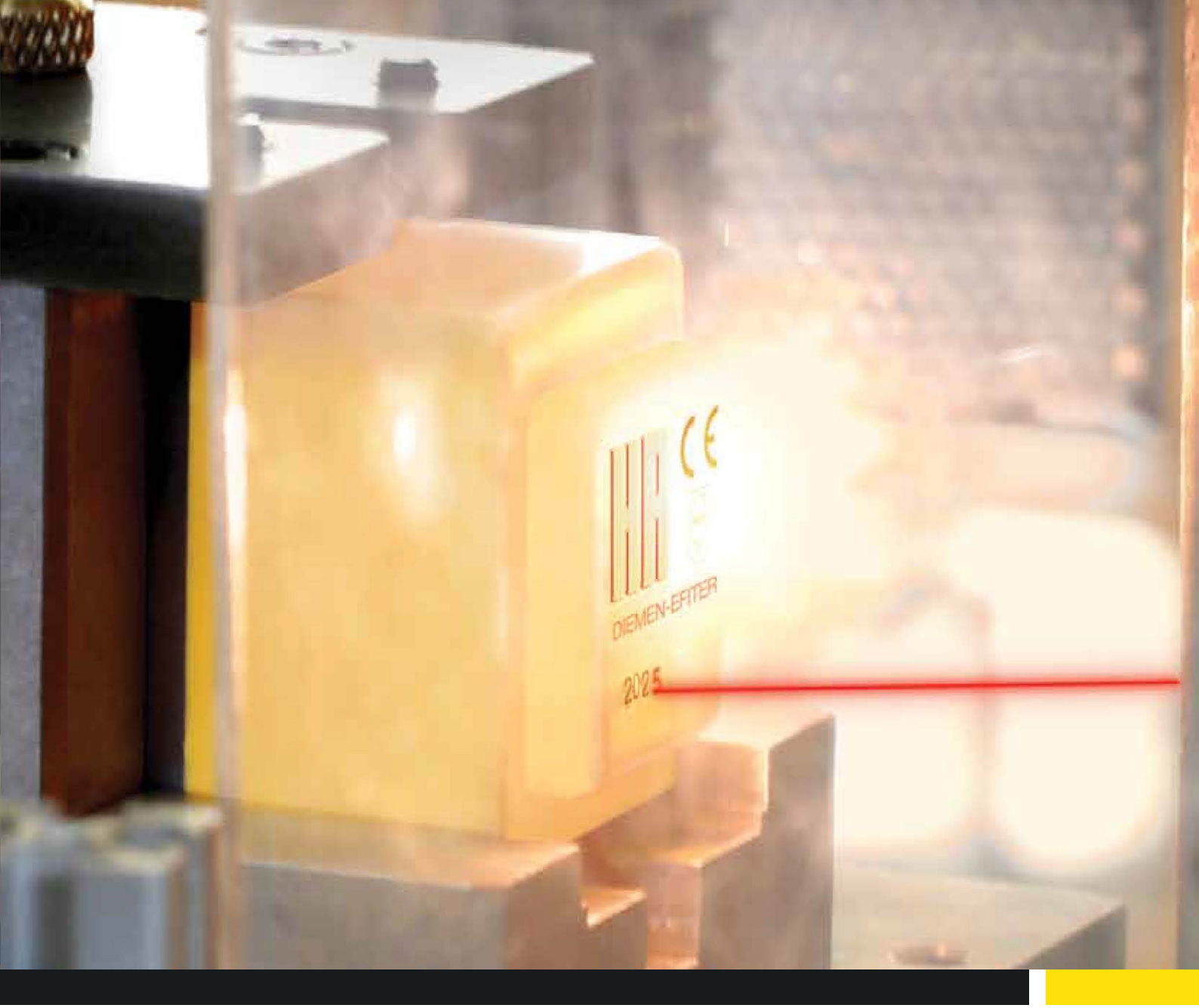


ENGINEERING AND MANUFACTURING OF CUSTOM TRANSFORMERS AND SELFS

AESERVICE GROUP ELECTRONICS FOR INDUSTRY

SLCE electrolytic capacitor

HR DIEMEN EFITER

SORHODIS

databook 2025

Summary

EFITER is a culture and a way to create and share working, friendship and wealth, and any success is considered the win of the will that corporatize their shareholders, their workers, their clients (manufacturers, distributors, technicians, specialists, investigators, etc.), their users and everybody who conform its whole family.

Our **technology** and **engineering** of production, guarantee the exigencies of quality and reliability that require our clients. Our continuous improvement assures the optimization of our products in innovation and costs, improving ourselves and our client's competitiveness.

Our department of **R+D+i** can offer the optimum solution to the necessities of your projects, with an assessment job and collaboration in your new developments.

In 2024, Efiter was acquired by AE Service Group marking an important changement : this collaboration brings new synergies and exciting opportunities in the future.

Find more about AE Service group

R + D + I

The Efiter goal is the constant improvement of our products in the phases of design, production, support and reliability to the client. Efiter is researching constantly in the seek of technological innovations.

Research of technologies with the scope to acquire new knowledge and a better understanding in the scientific and technological field of the product.

Development of obtained results in the scientific and technological product research, applied in its design and production processes.

innovation in the technological field applied to design, production processes and products.

Encapsulated transformers

- MINI SERIES

  Designed for low power and miniature products.

  - **E20 Series** 0.35-0.6VA

- E SERIES. Standard series

  Designed for wide range of power and limited space. E series with fixing holes when they are necessaries.

  - **E30 Green Series** 0.5-3.2VA
  - **E30 Series** 0.5-3.2VA
  - **E38 Series** 1.8-6VA
  - **E42 Series** 2.7-7.5VA
  - **E48 Series** 8-12VA
  - **E54 Series** 13-16VA
  - **E60 Series** 20-35VA
  - **E66 Series** 35-55VA

- U SERIES. Ultra flat series

  Designed for wide range of power and limited height.

  - **U30 Series** 2.4-10VA
  - **U39 Series** 8-30VA
  - **U48 Series** 40-65VA

According to EN 61558, EN 60950, EN 60065, Directive 2002/95/CE(RoHS), UL506, UL5085, UL1585. UL/VDE/ENEC certifications available for most of these series. Non-standard transformers on request.

TECHNICAL SPECIFICATIONS

· Plastic case	Self-extinguishing UL 94 VO
· Epoxi resin	Class F Self-extinguishing UL 94 VO
· Copper wire	Double isolation type
· Thermal class materials	B 130ºC/266ºF - F 155ºC/311ºF (optional)
· Dielectric strength Pri/Sec	5 kV / 1min. (8 kV / 1 min. under request)
· Isolation Pri/Sec	20 MOhm to 500 Vrms
· Creepage lines and clearances	According regulation IEC/EN61558
· Security transformer, maximum secondary no load voltage	50V (EN61558/6) 30V (UL1585/2)
· Ambient temperature	40ºC/104ºF - 70ºC/158ºF
· Connection pins	Lead free
· Secondary protection	Short circuit proof to 3,2 VA
· Encapsulated process. Resin	Vacuum
· Packaging	Big pack (depending on type)

Toroidal transformers

The wide range of HR toroidal transformers goes from 8VA to 20KVA, and their configuration of primary/secondary single, dual or multiple allow get any required configuration.

The toroidal transformers have a lot more advantages than the conventional and encapsulated ones. Their use is highly recommended due to their improvements in radiation, relation between volume and power, and assembly advantages.

- **To02~To04 Series** 20-40VA
- **To05~To06 Series** 50-60VA
- **To08~To12 Series** 80-120VA
- **To16~To33 Series** 160-330VA
- **To50 Serie** 500VA
- **To75 Serie** 750VA
- **T100 Serie** 1000VA
- **T150 Serie** 1500VA
- **T200 Serie** 2000VA
- **T300 Serie** 3000VA

Non-standard and higher power values on request.
UL certification available for most of these series.

TECHNICAL SPECIFICATIONS

- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Thermal class materials B (130ºC/266ºF)
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV, 1min.
- Winding identification for colour references
- Assembly Kit included

Switch mode transformers

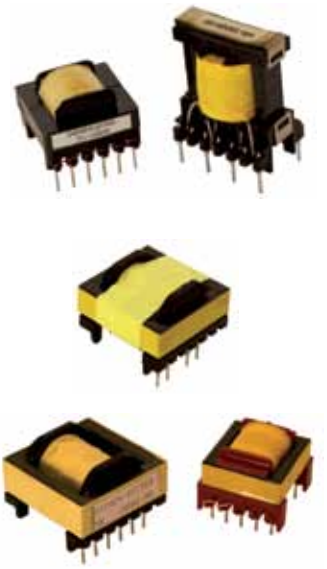
These transformers are available in several series as E, EF, EFD, ETD, etc… depending on the needs of the design. They are appropriated for Flyback, Forward, Push-pull topologies used in a big variety of applications like domotics, industrials, lighting….

SERIES	VERSION		MAX.POWER
	HORIZONTAL	VERTICAL	
EE13 (EF12.6)	X	X	2.4W
EE16 (EF16)	X	X	12W
EE20 (EF20)	X	X	20W
EE25 (EF25)	X	X	35W
E30/15/7	X	X	59W
E32 (EF32)	X		98W
E42/21/15	X	X	500W
EFD 15	X		2.7W
EFD 20	X		10W
EFD 25	X		28W
EFD 30	X		43W
ETD 29	X	X	85W
ETD 34	X	X	145W
ETD 39	X	X	345W
ETD 44	X	X	580W
ETD 49	X	X	900W

- max.power = theoretical power output of a forward converter working at 100KHz, max flux density = 0.18T and a wire current density of 3.5A/mm^2

- Other factors like skin effect, proximity effect, induction variations are not taken into consideration.

- Some families are also available in SMD technology.



TECHNICAL SPECIFICATIONS

- Plastic case ..... Self-extinguishing UL 94 VO
- Impregnation ..... Synthetic resin varnish thermal class F155ºC/311ºF
- Copper wire ..... Double isolation type and triple insulated
- Thermal class materials ..... B 130ºC/266ºF - F 155ºC/311ºF (optional)
- Dielectric strength Pri/Sec ..... ≥4 KV
- Creepage lines and clearances ..... According to regulation IEC EN60950, EN 61558, EN 60335
- Connection pins ..... Lead free

*Non-standard transformers on request.

Electronic transformers

Switch Mode Power Supply (SMPS, Electronics transformers) is a low cost regulated flyback power supply, based in a design that directly replaces multiples unregulated linear Power Supplies designs.

The Electronic transformer has an extremely no-load low consumption, high efficiency and advanced safety features like over-voltage, over-current and thermal protection.

Our designs use the same format of encapsulated transformers, so it is suitable to use in the same PCB space. Worldwide universal input, several standard single or multiple output voltages in different case formats.

TECHNICAL SPECIFICATIONS

- Input voltage range ..... 90~265Vac
- Input frequency 50/60Hz
- No-load Power consumption ..... ≤0.3W
- Working frequency 100KHz
- Secondary voltage range ..... 3.3~24Vdc
- Secondary voltage tolerance 5%
- Output power ..... 3W and 6W
- Efficiency ..... ≥70%
- Ripple voltage ..... ≤200mV
- Dielectric strength Pri/Sec ..... ≥4 KV
- Working temperature ..... -5°C / +70°C
- Protection ..... Thermal and shortcircuit with automatic recovery

- Designed and manufactured according to EN 60950, EN 60335, EN 61558 standards
- Uses UL listed components
- Uses UL 94-VO plastic and resin
- Conducted and radiated emissions conform to EN 55014-1, EN 55022 class B
- Immunity conform to EN 55014-2, EN 61000-4-x

Safety transformers (open-frames)

Designed to comply with the safety standards, their internal structure with dual chamber bobbin windings guarantees the compliance of VDE0507/EN61558 regulations.

The range of safety transformers goes from 2VA to 200VA. Their configuration of primary/secondary single, dual or multiple allow get any required configuration.

- **S38 Series** 2-6VA
- **S40 Series** 3-7VA
- **S42 Series** 5-8VA
- **S48 Series** 8-14VA
- **S54 Series** 13-25VA
- **S60 Series** 20-35VA
- **S66 Series** 35-70VA
- **S75 Series** 60-120VA
- **S84 Series** 100-150VA
- **S96 Series** 150-200VA

Customised models available under request.

Switch mode power supply and chargers

With the technology advances, the use of the switch mode power supplies have become essential in equipment with a high level of sophistication, very sensitive to over-voltages, sudden changes of supply voltage, over-currents, noise and so on. This type of regulated switch mode power supplies guarantees an equipment supply voltage of great quality, for applications as telecom, LED, audio, industrial, portable, phone charge, domotics, medical…

TECHNICAL SPECIFICATIONS SMPS

· Input voltage range: 90-264Vac
· Operating frequency range: 47-63Hz
· Energy efficiency level: V
· Output voltage range: 6-36Vdc
· Line regulation: ±1%
· Load regulation: ±5%
· Output power range: 6-120W
· Operating temperature: 0ºC~40ºC

TECHNICAL SPECIFICATIONS CHARGERS

· Input voltage range: 90-264Vac
· Operating frequency range: 47-63Hz
· Energy efficiency level: V
· Output voltage: 6-36Vdc
· Line regulation: ±1%
· Load regulation: ±5%
· Output power: 3-7.5W
· Operating temperature: 0ºC~40ºC

SAFETY & EMC STANDARD

EN 60950, EN 60335, EN 61558 & EN 55014-1, EN 55022, EN 55024, EN 55013, EN 55020, EN 55014-2, EN 61000-3-2, EN 61000-3

Other products

DST Technology (Diode Split Transformer)

Efiter have the technologies used nowadays like multilayer and slot types. As well as modern production lines that allows us to guarantee the quality required by our customers.

Our wide range of own moulds, allow us cover the world spare part market. Efiter can supply HR transformer replacing more than 20.000 original references.

DST (Slot technology)
DST (Multilayer technology)
Line output transformer

ANTENNAS

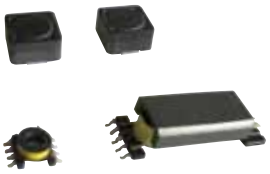
Coreless coils, produced with Self Bonding Wire, with the shape and size required by the application. Used in RF data transmit applications as anti burglar tags, identifications, wireless systems, sensors…

SMD (Surface Mount Device)

Surface Mount Devices availables in several series as filters, inductors, power inductors for all kind of LCD screen application, satellite receivers, audio systems, mobile telephony, notebooks, power supplies…

· Wound chip inductor
· Multilayer chip inductor
· Multilayer chip bead
· Thin film chip inductor
· SMD power inductor
· Shielded SMD power inductor
· SMD line filter

SMD toroidal power filter



OTHER WINDINGS

Big variety of small coilformers, cores, availables in several shapes, suitables for any required application.

Customised models available under request.

Certifications availables in some families:

Certifications of our products:

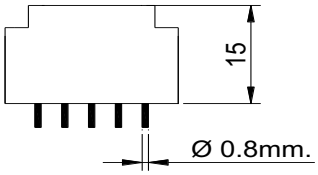
E2006 (EI 20/6,1)

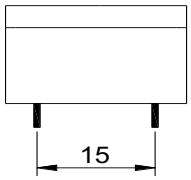
0,4VA - Ta40ºB

weight - 25gr.

ENCAPSULATED TRANSFORMERS

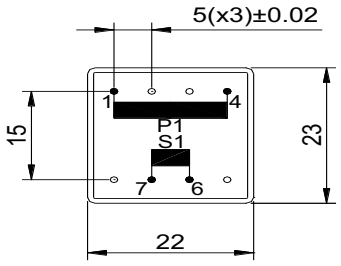
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





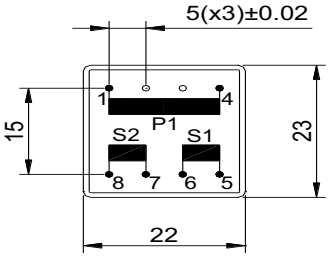
SINGLE SECONDARY, 0,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E2006014	E2006114	4,5V	88mA	Short circuit proof
E2006000	E2006100	6V	66mA	
E2006002	E2006102	7,5V	53mA	
E2006004	E2006104	9V	44mA	
E2006006	E2006106	12V	33mA	
E2006008	E2006108	15V	26mA	
E2006010	E2006110	18V	22mA	
E2006012	E2006112	24V	16mA	



DUAL SECONDARY, 0,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E2006015	E2006115	2x4,5V	2x44mA	Short circuit proof
E2006001	E2006101	2x6V	2x33mA	
E2006003	E2006103	2x7,5V	2x26mA	
E2006005	E2006105	2x9V	2x22mA	
E2006007	E2006107	2x12V	2x16mA	
E2006009	E2006109	2x15V	2x13mA	
E2006011	E2006111	2x18V	2x11mA	
E2006013	E2006113	2x24V	2x8mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

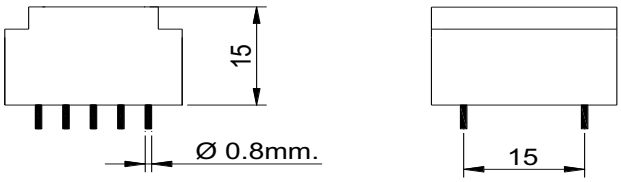
E2006 (EI 20/6,1)

0,35VA - Ta70ºB

weight - 25gr.

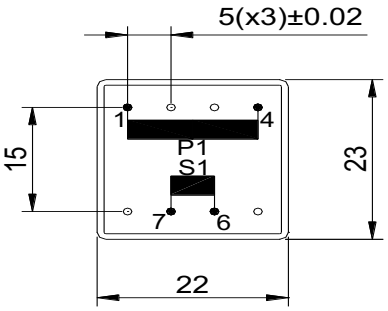
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



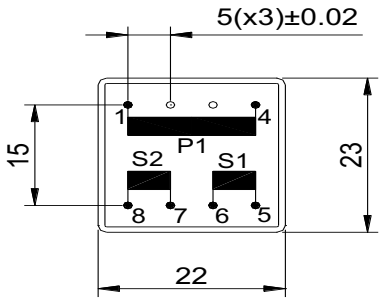
SINGLE SECONDARY, 0,35VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E2006064	E2006164	4,5V	77mA	Short circuit proof
E2006050	E2006150	6V	58mA	
E2006052	E2006152	7,5V	46mA	
E2006054	E2006154	9V	38mA	
E2006056	E2006156	12V	29mA	
E2006058	E2006158	15V	23mA	
E2006060	E2006160	18V	19mA	
E2006062	E2006162	24V	14mA	



DUAL SECONDARY, 0,35VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E2006065	E2006165	2x4,5V	2x38mA	Short circuit proof
E2006051	E2006151	2x6V	2x29mA	
E2006053	E2006153	2x7,5V	2x23mA	
E2006055	E2006155	2x9V	2x19mA	
E2006057	E2006159	2x12V	2x14mA	
E2006059	E2006159	2x15V	2x11mA	
E2006061	E2006161	2x18V	2x9mA	
E2006063	E2006163	2x24V	2x7mA	



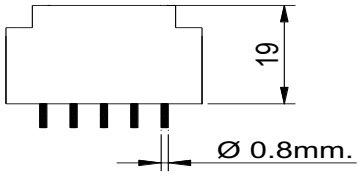
E2010 (EI 20/10,5)

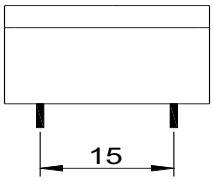
0,5VA - Ta70ºB

weight - 40gr.

ENCAPSULATED TRANSFORMERS

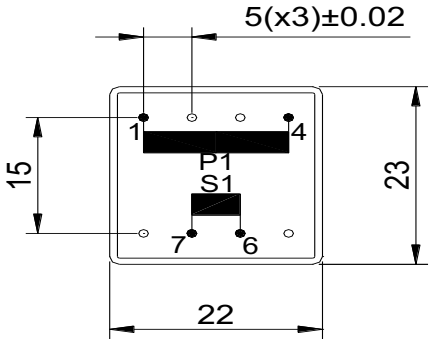
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





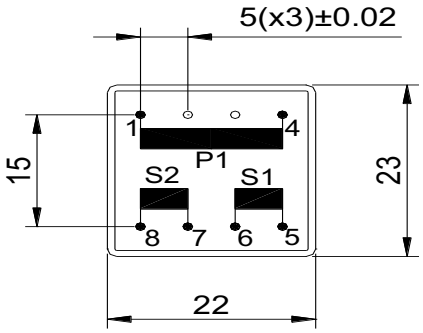
SINGLE SECONDARY, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E2010064	E2010164	4,5V	111mA	Short circuit proof
E2010050	E2010150	6V	83mA	
E2010052	E2010152	7,5V	66mA	
E2010054	E2010154*	9V	55mA	
E2010056	E2010156	12V	41mA	
E2010058	E2010158	15V	33mA	
E2010060	E2010160	18V	27mA	
E2010062	E2010162	24V	20mA	

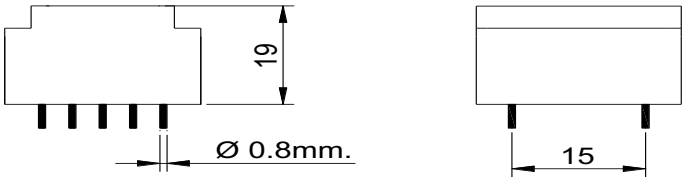


DUAL SECONDARY, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E2010065	E2010165	2x4,5V	2x55mA	Short circuit proof
E2010051	E2010151	2x6V	2x41mA	
E2010053	E2010153	2x7,5V	2x33mA	
E2010055	E2010155	2x9V	2x27mA	
E2010057	E2010157	2x12V	2x20mA	
E2010059	E2010159	2x15V	2x16mA	
E2010061	E2010161	2x18V	2x13mA	
E2010063	E2010163	2x24V	2x10mA	

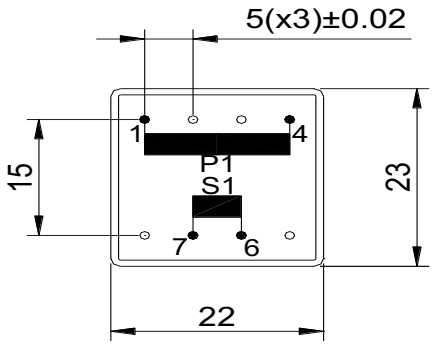


VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044907



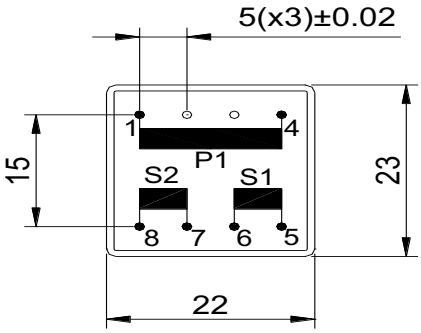
SINGLE SECONDARY, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E2010014	E2010114	4,5V	133mA	Short circuit proof
E2010000	E2010100	6V	100mA	
E2010002	E2010102	7,5V	80mA	
E2010004	E2010104	9V	66mA	
E2010006	E2010106	12V	50mA	
E2010008	E2010108	15V	40mA	
E2010010	E2010110	18V	33mA	
E2010012	E2010112	24V	25mA	

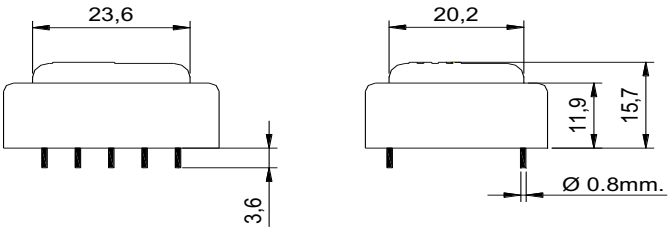


DUAL SECONDARY, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E2010015	E2010115	2x4,5V	2x66mA	Short circuit proof
E2010001	E2010101	2x6V	2x50mA	
E2010003	E2010103	2x7,5V	2x40mA	
E2010005	E2010105	2x9V	2x33mA	
E2010007	E2010107	2x12V	2x25mA	
E2010009	E2010109	2x15V	2x20mA	
E2010011	E2010111	2x18V	2x16mA	
E2010013	E2010113	2x24V	2x12mA	

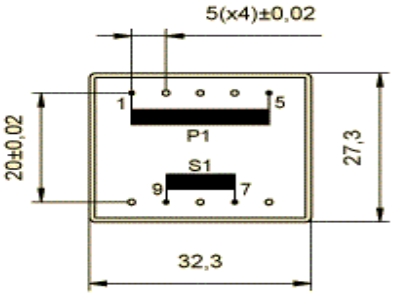


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



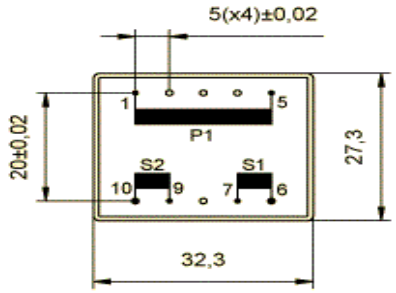
SINGLE SECONDARY, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3005064	E3005164	4,5V	111mA	Short circuit proof
E3005050	E3005150	6V	83mA	
E3005052	E3005152	7,5V	66mA	
E3005054	E3005154	9V	55mA	
E3005056	E3005156	12V	41mA	
E3005058	E3005158	15V	33mA	
E3005060	E3005160	18V	27mA	
E3005062	E3005162	24V	20mA	



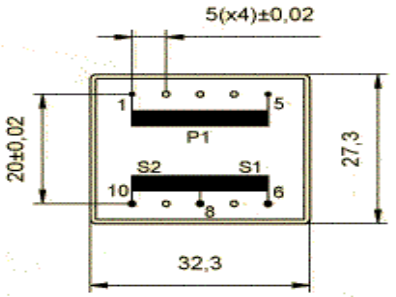
DUAL SECONDARY, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3005065	E3005165	2x4,5V	2x55mA	Short circuit proof
E3005051	E3005151	2x6V	2x41mA	
E3005053	E3005153	2x7,5V	2x33mA	
E3005055	E3005155	2x9V	2x27mA	
E3005057	E3005157	2x12V	2x20mA	
E3005059	E3005159	2x15V	2x16mA	
E3005061	E3005161	2x18V	2x13mA	
E3005063	E3005163	2x24V	2x10mA	



CENTER TAPPED, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3005085	E3005185	2x4,5V	2x55mA	Short circuit proof
E3005071	E3005171	2x6V	2x41mA	
E3005073	E3005173	2x7,5V	2x33mA	
E3005075	E3005175	2x9V	2x27mA	
E3005077	E3005177	2x12V	2x20mA	
E3005079	E3005179	2x15V	2x16mA	
E3005081	E3005181	2x18V	2x13mA	
E3005083	E3005183	2x24V	2x10mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

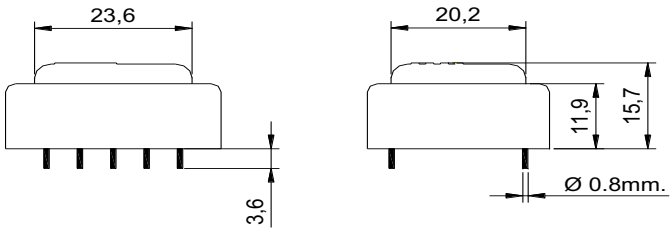
E3005 GREEN SERIES

EI 30/5 0,5VA - Ta70ºB

weight - 45gr.

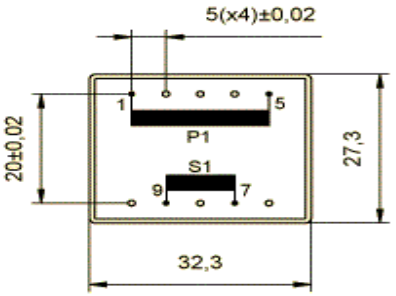
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



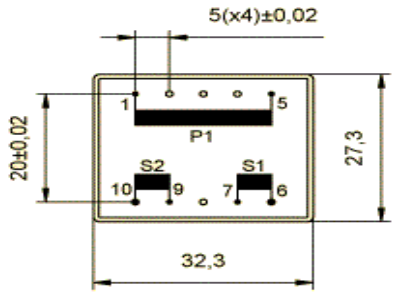
SINGLE SECONDARY, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3005864	E3005964	4,5V	111mA	Short circuit proof
E3005850	E3005950	6V	83mA	
E3005852	E3005952	7,5V	66mA	
E3005854	E3005954	9V	55mA	
E3005856	E3005956	12V	41mA	
E3005858	E3005958	15V	33mA	
E3005860	E3005960	18V	27mA	
E3005862	E3005962	24V	20mA	



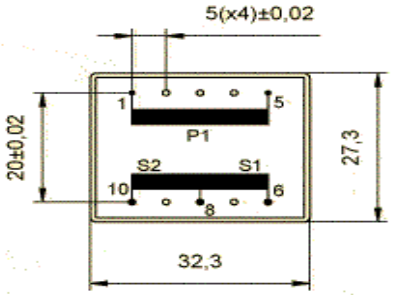
DUAL SECONDARY, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3005865	E3005965	2x4,5V	2x55mA	Short circuit proof
E3005851	E3005951	2x6V	2x41mA	
E3005853	E3005953	2x7,5V	2x33mA	
E3005855	E3005955	2x9V	2x27mA	
E3005857	E3005957	2x12V	2x20mA	
E3005859	E3005959	2x15V	2x16mA	
E3005861	E3005961	2x18V	2x13mA	
E3005863	E3005963	2x24V	2x10mA	

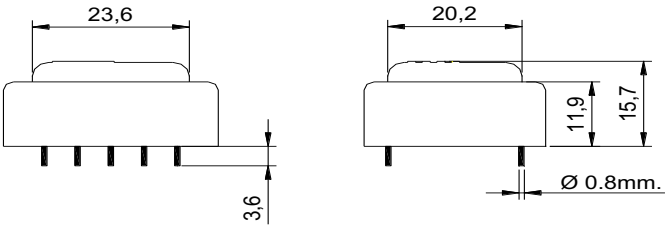


CENTER TAPPED, 0,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3005885	E3005985	2x4,5V	2x55mA	Short circuit proof
E3005871	E3005971	2x6V	2x41mA	
E3005873	E3005973	2x7,5V	2x33mA	
E3005875	E3005975	2x9V	2x27mA	
E3005877	E3005977	2x12V	2x20mA	
E3005879	E3005979	2x15V	2x16mA	
E3005881	E3005981	2x18V	2x13mA	
E3005883	E3005983	2x24V	2x10mA	

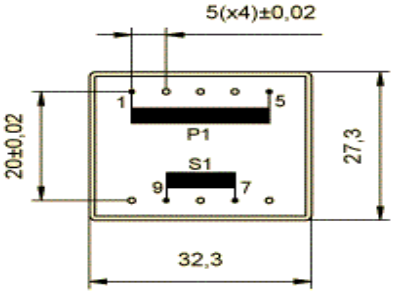


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



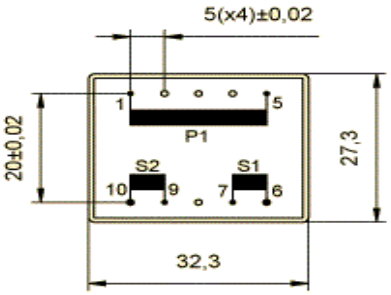
SINGLE SECONDARY, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3005014	E3005114	4,5V	133mA	Short circuit proof
E3005000	E3005100	6V	100mA	
E3005002	E3005102	7,5V	80mA	
E3005004	E3005104	9V	66mA	
E3005006	E3005106	12V	50mA	
E3005008	E3005108	15V	40mA	
E3005010	E3005110	18V	33mA	
E3005012	E3005112	24V	25mA	



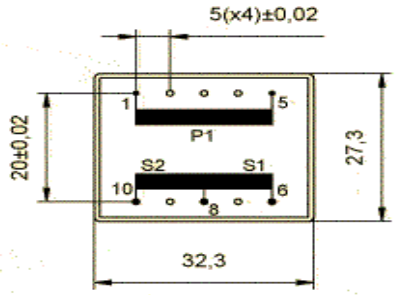
DUAL SECONDARY, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3005015	E3005115	2x4,5V	2x66mA	Short circuit proof
E3005001	E3005101	2x6V	2x50mA	
E3005003	E3005103	2x7,5V	2x40mA	
E3005005	E3005105	2x9V	2x33mA	
E3005007	E3005107	2x12V	2x25mA	
E3005009	E3005109	2x15V	2x20mA	
E3005011	E3005111	2x18V	2x16mA	
E3005013	E3005113	2x24V	2x12mA	



CENTER TAPPED, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3005035	E3005135	2x4,5V	2x66mA	Short circuit proof
E3005021	E3005121	2x6V	2x50mA	
E3005023	E3005123	2x7,5V	2x40mA	
E3005025	E3005125	2x9V	2x33mA	
E3005027	E3005127	2x12V	2x25mA	
E3005029	E3005129	2x15V	2x20mA	
E3005031	E3005131	2x18V	2x16mA	
E3005033	E3005133	2x24V	2x12mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

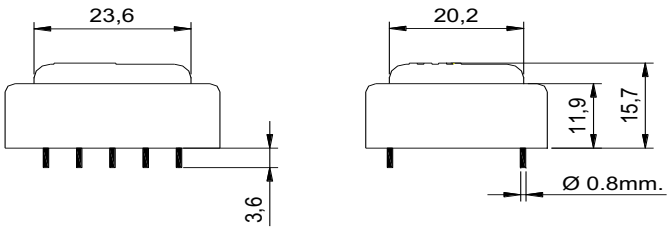
E3005 GREEN SERIES

EI 30/5 0,6VA - Ta40ºB

weight - 45gr.

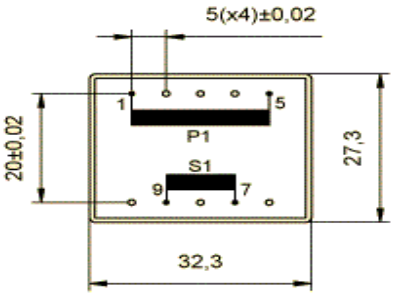
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



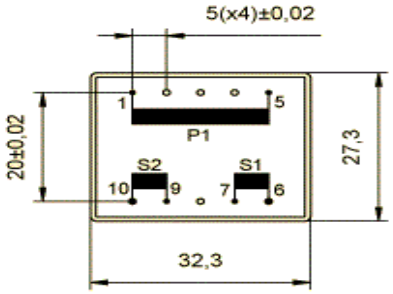
SINGLE SECONDARY, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3005814	E3005914	4,5V	133mA	Short circuit proof
E3005800	E3005900	6V	100mA	
E3005802	E3005902	7,5V	80mA	
E3005804	E3005904	9V	66mA	
E3005806	E3005906	12V	50mA	
E3005808	E3005908	15V	40mA	
E3005810	E3005910	18V	33mA	
E3005812	E3005912	24V	25mA	



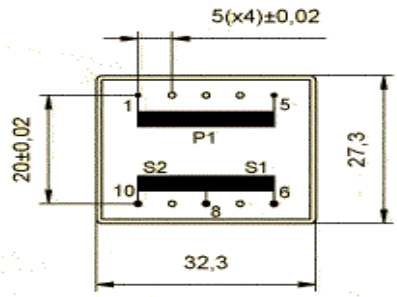
DUAL SECONDARY, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3005815	E3005915	2x4,5V	2x66mA	Short circuit proof
E3005801	E3005901	2x6V	2x50mA	
E3005803	E3005903	2x7,5V	2x40mA	
E3005805	E3005905	2x9V	2x33mA	
E3005807	E3005907	2x12V	2x25mA	
E3005809	E3005909	2x15V	2x20mA	
E3005811	E3005911	2x18V	2x16mA	
E3005813	E3005913	2x24V	2x12mA	

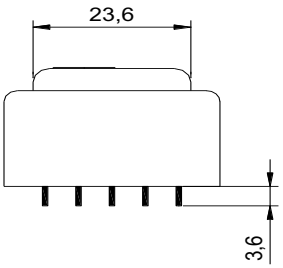


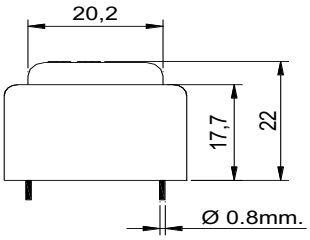
CENTER TAPPED, 0,6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3005835	E3005935	2x4,5V	2x66mA	Short circuit proof
E3005821	E3005921	2x6V	2x50mA	
E3005823	E3005923	2x7,5V	2x40mA	
E3005825	E3005925	2x9V	2x33mA	
E3005827	E3005927	2x12V	2x25mA	
E3005829	E3005929	2x15V	2x20mA	
E3005831	E3005931	2x18V	2x16mA	
E3005833	E3005933	2x24V	2x12mA	



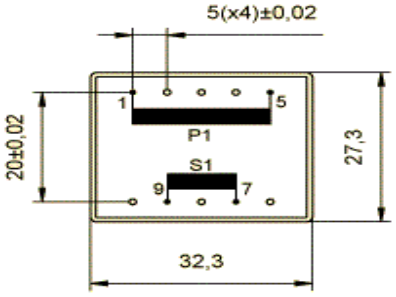
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .





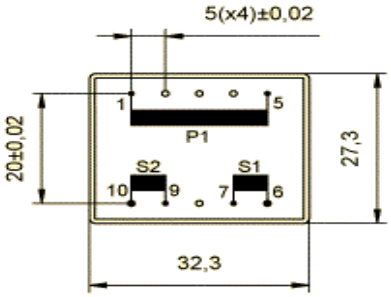
SINGLE SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011464	E3011564	4,5V	333mA	Short circuit proof
E3011450	E3011550	6V	250mA	
E3011452	E3011552	7,5V	200mA	
E3011454	E3011554	9V	160mA	
E3011456	E3011556	12V	125mA	
E3011458	E3011558	15V	100mA	
E3011460	E3011560	18V	83mA	
E3011462	E3011562	24V	62mA	



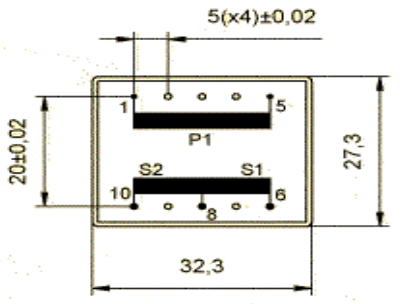
DUAL SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011465	E3011565	2x4,5V	2x166mA	Short circuit proof
E3011451	E3011551	2x6V	2x125mA	
E3011453	E3011553	2x7,5V	2x100mA	
E3011455	E3011555	2x9V	2x86mA	
E3011457	E3011557	2x12V	2x75mA	
E3011459	E3011559	2x15V	2x50mA	
E3011461*	E3011561	2x18V	2x41mA	
E3011463*	E3011563	2x24V	2x31mA	



CENTER TAPPED, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011485	E3011585	2x4,5V	2x166mA	Short circuit proof
E3011471	E3011571	2x6V	2x125mA	
E3011473	E3011573	2x7,5V	2x100mA	
E3011475	E3011575	2x9V	2x86mA	
E3011477	E3011577	2x12V	2x75mA	
E3011479	E3011579	2x15V	2x50mA	
E3011481*	E3011581	2x18V	2x41mA	
E3011483*	E3011583	2x24V	2x31mA	



ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044906

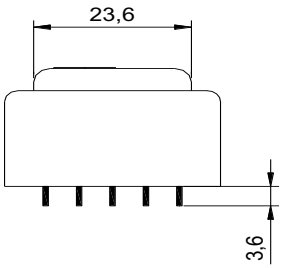
E3011 GREEN SERIES

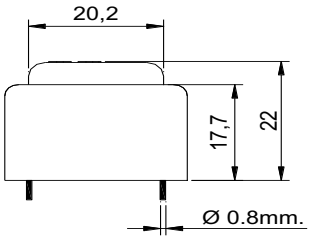
EI 30/10.5 1,2VA - Ta70ºB

weight - 75gr.

ENCAPSULATED TRANSFORMERS

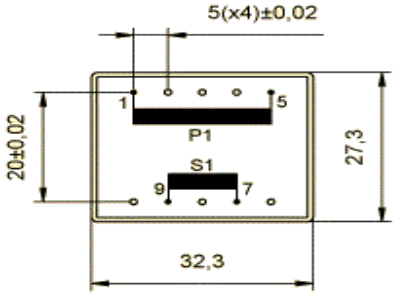
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





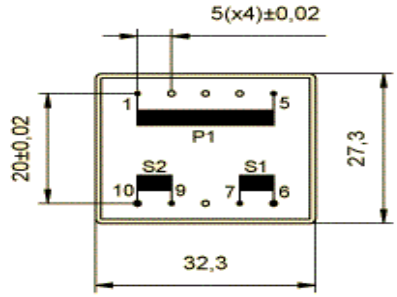
SINGLE SECONDARY, 1,2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3011864	E3011964	4,5V	266mA	Short circuit proof
E3011850	E3011950	6V	200mA	
E3011852	E3011952	7,5V	160mA	
E3011854	E3011954	9V	133mA	
E3011856	E3011956	12V	100mA	
E3011858	E3011958	15V	80mA	
E3011860	E3011960	18V	66mA	
E3011862	E3011962	24V	50mA	



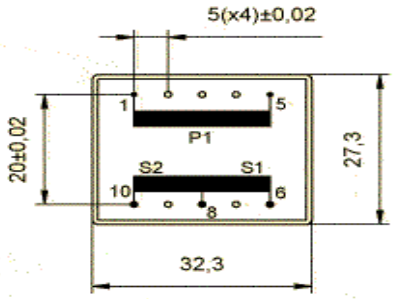
DUAL SECONDARY, 1,2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3011865	E3011965	2x4,5V	2x133mA	Short circuit proof
E3011851	E3011951	2x6V	2x100mA	
E3011853	E3011953	2x7,5V	2x80mA	
E3011855	E3011955	2x9V	2x66mA	
E3011857	E3011957	2x12V	2x50mA	
E3011859	E3011959	2x15V	2x40mA	
E3011861	E3011961	2x18V	2x33mA	
E3011863	E3011963	2x24V	2x25mA	



CENTER TAPPED, 1,2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3011885	E3011985	2x4,5V	2x133mA	Short circuit proof
E3011871	E3011971	2x6V	2x100mA	
E3011873	E3011973	2x7,5V	2x80mA	
E3011875	E3011975	2x9V	2x66mA	
E3011877	E3011977	2x12V	2x50mA	
E3011879	E3011979	2x15V	2x40mA	
E3011881	E3011981	2x18V	2x33mA	
E3011883	E3011983	2x24V	2x25mA	



ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044906

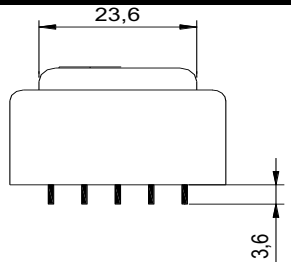
E3011 (EI 30/10,5)

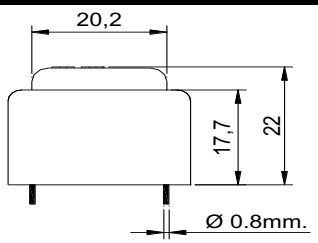
1,5VA - Ta40ºB

weight - 75gr.

ENCAPSULATED TRANSFORMERS

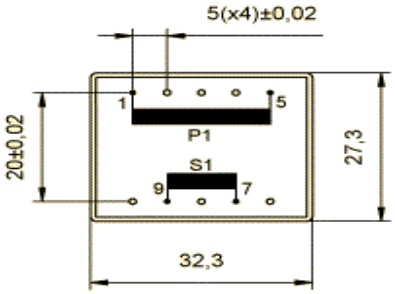
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





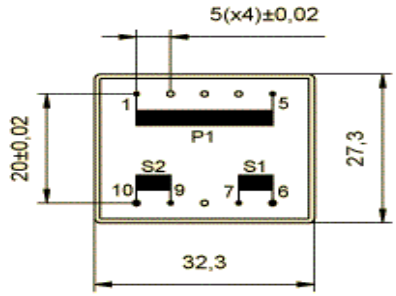
SINGLE SECONDARY, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011014	E3011114	4,5V	333mA	Short circuit proof
E3011000	E3011100	6V	250mA	
E3011002	E3011102	7,5V	200mA	
E3011004	E3011104	9V	166mA	
E3011006	E3011106	12V	125mA	
E3011008	E3011108	15V	100mA	
E3011010	E3011110	18V	83mA	
E3011012	E3011112	24V	62mA	



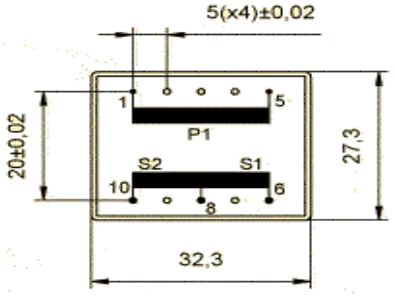
DUAL SECONDARY, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011015	E3011115	2x4,5V	2x166mA	Short circuit proof
E3011001	E3011101	2x6V	2x125mA	
E3011003	E3011103	2x7,5V	2x100mA	
E3011005	E3011105	2x9V	2x83mA	
E3011007	E3011107	2x12V	2x62mA	
E3011009	E3011109	2x15V	2x50mA	
E3011011	E3011111	2x18V	2x41mA	
E3011013	E3011113	2x24V	2x31mA	



CENTER TAPPED, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011035	E3011135	2x4,5V	2x166mA	Short circuit proof
E3011021	E3011121	2x6V	2x125mA	
E3011023	E3011123	2x7,5V	2x100mA	
E3011025	E3011125	2x9V	2x83mA	
E3011027	E3011127	2x12V	2x62mA	
E3011029	E3011129	2x15V	2x50mA	
E3011031	E3011131	2x18V	2x41mA	
E3011033	E3011133	2x24V	2x31mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E3011 GREEN SERIES

EI 30/10,5 1,5VA - Ta40ºB

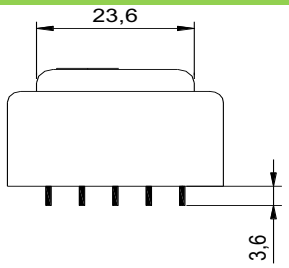
weight - 75gr.

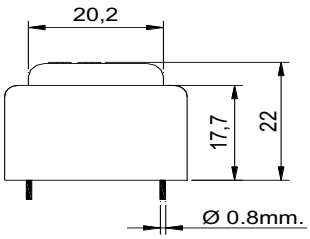
www.efiter.com

home>>index

ENCAPSULATED TRANSFORMERS

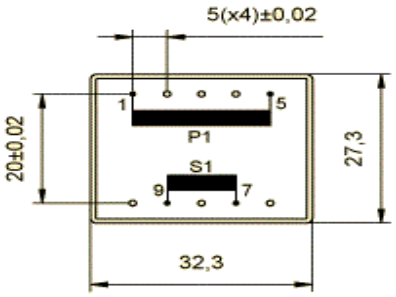
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





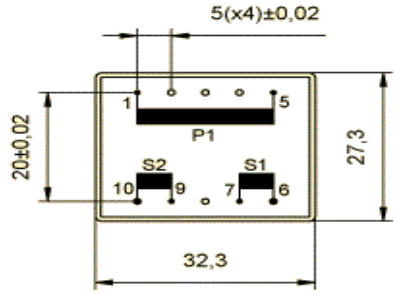
SINGLE SECONDARY, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3011814	E3011914	4,5V	333mA	Short circuit proof
E3011800	E3011900	6V	250mA	
E3011802	E3011902	7,5V	200mA	
E3011804	E3011904	9V	166mA	
E3011806	E3011906	12V	125mA	
E3011808	E3011908	15V	100mA	
E3011810	E3011910	18V	83mA	
E3011812	E3011912	24V	62mA	



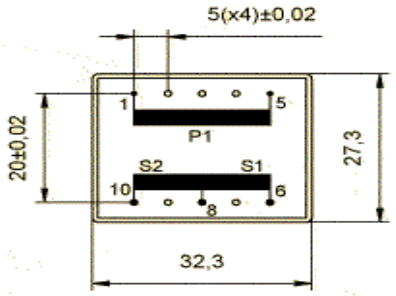
DUAL SECONDARY, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3011815	E3011915	2x4,5V	2x166mA	Short circuit proof
E3011801	E3011901	2x6V	2x125mA	
E3011803	E3011903	2x7,5V	2x100mA	
E3011805	E3011905	2x9V	2x83mA	
E3011807	E3011907	2x12V	2x62mA	
E3011809	E3011909	2x15V	2x50mA	
E3011811	E3011911	2x18V	2x41mA	
E3011813	E3011913	2x24V	2x31mA	



CENTER TAPPED, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3011835	E3011935	2x4,5V	2x166mA	Short circuit proof
E3011821	E3011921	2x6V	2x125mA	
E3011823	E3011923	2x7,5V	2x100mA	
E3011825	E3011925	2x9V	2x83mA	
E3011827	E3011927	2x12V	2x62mA	
E3011829	E3011929	2x15V	2x50mA	
E3011831	E3011931	2x18V	2x41mA	
E3011833	E3011933	2x24V	2x31mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

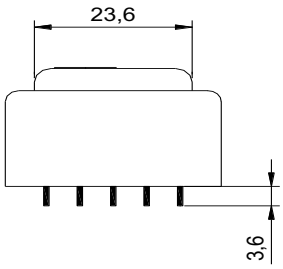
E3011 (EI 30/10,5)

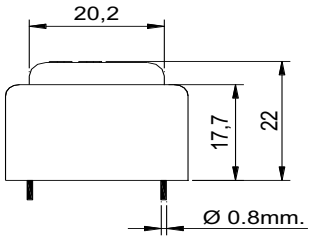
1,5VA - Taº70ºB

weight - 75gr.

ENCAPSULATED TRANSFORMERS

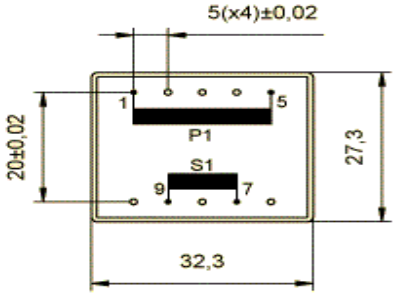
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





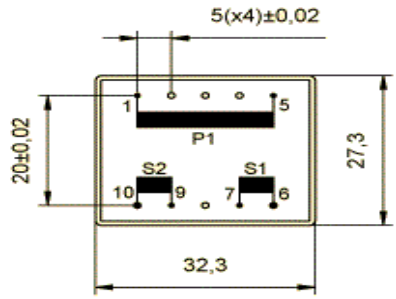
SINGLE SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011464	E3011564	4,5V	333mA	Short circuit proof
E3011450	E3011550	6V	250mA	
E3011452	E3011552	7,5V	200mA	
E3011454	E3011554	9V	160mA	
E3011456	E3011556	12V	125mA	
E3011458	E3011558	15V	100mA	
E3011460	E3011560	18V	83mA	
E3011462	E3011562	24V	62mA	



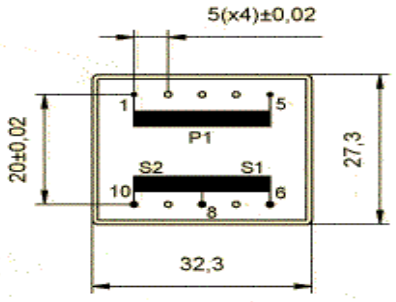
DUAL SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011465	E3011565	2x4,5V	2x166mA	Short circuit proof
E3011451	E3011551	2x6V	2x125mA	
E3011453	E3011553	2x7,5V	2x100mA	
E3011455	E3011555	2x9V	2x86mA	
E3011457	E3011557	2x12V	2x75mA	
E3011459	E3011559	2x15V	2x50mA	
E3011461*	E3011561	2x18V	2x41mA	
E3011463*	E3011563	2x24V	2x31mA	



CENTER TAPPED, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011485	E3011585	2x4,5V	2x166mA	Short circuit proof
E3011471	E3011571	2x6V	2x125mA	
E3011473	E3011573	2x7,5V	2x100mA	
E3011475	E3011575	2x9V	2x86mA	
E3011477	E3011577	2x12V	2x75mA	
E3011479	E3011579	2x15V	2x50mA	
E3011481*	E3011581	2x18V	2x41mA	
E3011483*	E3011583	2x24V	2x31mA	



ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044906

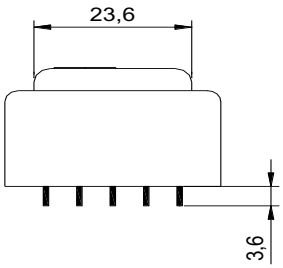
E3011 (EI 30/10,5)

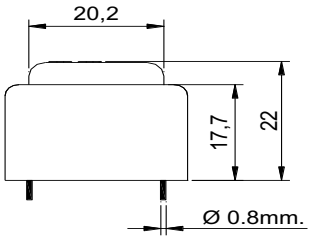
1,7VA - Ta40ºB

weight - 75gr.

ENCAPSULATED TRANSFORMERS

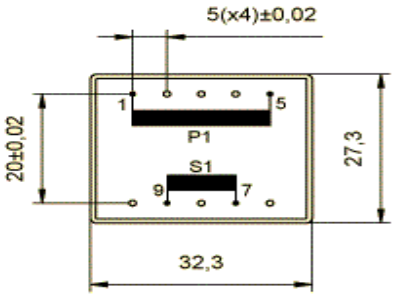
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





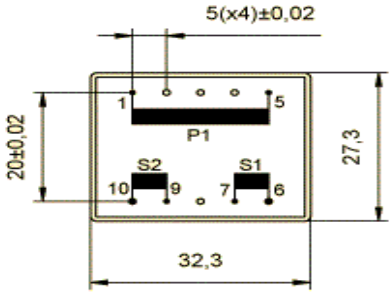
SINGLE SECONDARY, 1,7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011614	E3011714	4,5V	377mA	Short circuit proof
E3011600	E3011700	6V	283mA	
E3011602	E3011702	7,5V	226mA	
E3011604	E3011704	9V	188mA	
E3011606	E3011706	12V	141mA	
E3011608	E3011708	15V	113mA	
E3011610	E3011710	18V	94mA	
E3011612	E3011712	24V	70mA	



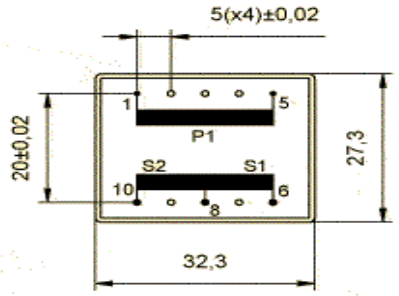
DUAL SECONDARY, 1,7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011615	E3011715	2x4,5V	2x188mA	Short circuit proof
E3011601	E3011701	2x6V	2x141mA	
E3011603	E3011703	2x7,5V	2x113mA	
E3011605	E3011705	2x9V	2x94mA	
E3011607	E3011707	2x12V	2x70mA	
E3011609	E3011709	2x15V	2x56mA	
E3011611	E3011711	2x18V	2x47mA	
E3011613	E3011713	2x24V	2x35mA	

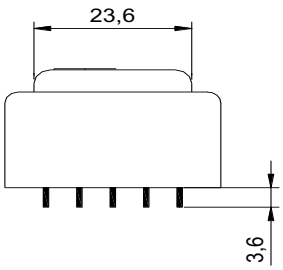


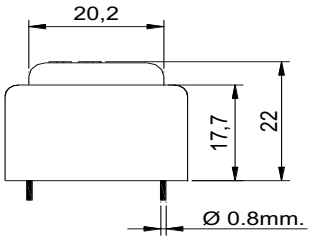
CENTER TAPPED, 1,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protectio
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011635	E3011735	2x4,5V	2x188mA	Short circuit proof
E3011621	E3011721	2x6V	2x141mA	
E3011623	E3011723	2x7,5V	2x113mA	
E3011625	E3011725	2x9V	2x94mA	
E3011627	E3011727	2x12V	2x70mA	
E3011629	E3011729	2x15V	2x56mA	
E3011631	E3011731	2x18V	2x47mA	
E3011633	E3011733	2x24V	2x35mA	



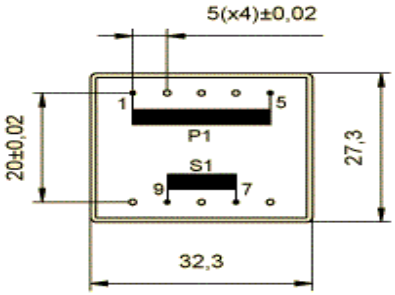
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .





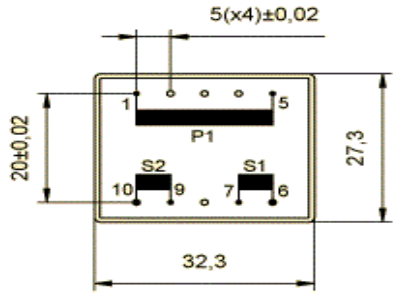
SINGLE SECONDARY, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011414	E3011514	4,5V	400mA	Short circuit proof
E3011400	E3011500	6V	300mA	
E3011402	E3011502	7,5V	240mA	
E3011404	E3011504	9V	200mA	
E3011406	E3011506	12V	150mA	
E3011408	E3011508	15V	120mA	
E3011410	E3011510	18V	100mA	
E3011412	E3011512	24V	75mA	



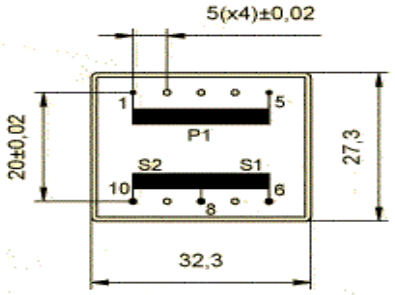
DUAL SECONDARY, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011415	E3011515	2x4,5V	2x200mA	Short circuit proof
E3011401	E3011501	2x6V	2x150mA	
E3011403	E3011503	2x7,5V	2x120mA	
E3011405	E3011505	2x9V	2x100mA	
E3011407	E3011507	2x12V	2x75mA	
E3011409	E3011509	2x15V	2x60mA	
E3011411	E3011511	2x18V	2x50mA	
E3011413	E3011513	2x24V	2x35mA	



CENTER TAPPED, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3011435	E3011535	2x4,5V	2x200mA	Short circuit proof
E3011421	E3011521	2x6V	2x150mA	
E3011423	E3011523	2x7,5V	2x120mA	
E3011425	E3011525	2x9V	2x100mA	
E3011427	E3011527	2x12V	2x75mA	
E3011429	E3011529	2x15V	2x60mA	
E3011431	E3011531	2x18V	2x50mA	
E3011433	E3011533	2x24V	2x35mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

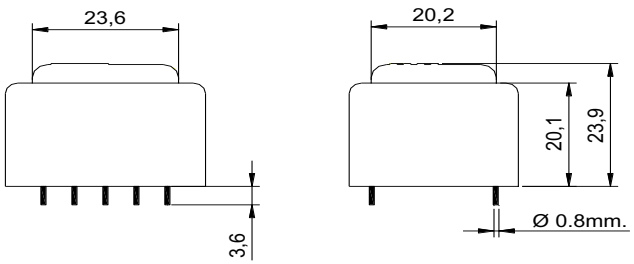
E3013 (EI 30/12,5)

1,5VA - Ta70ºB

weight - 85gr.

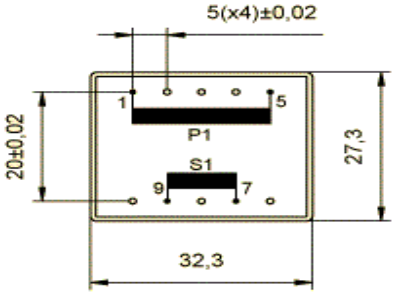
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



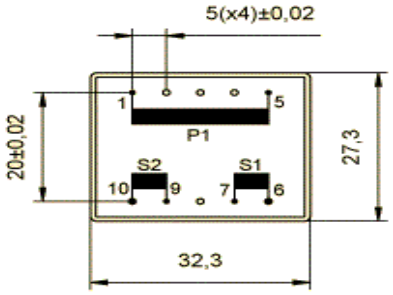
SINGLE SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3013064	E3013164	4,5V	333mA	Short circuit proof
E3013050	E3013150	6V	250mA	
E3013052	E3013152	7,5V	200mA	
E3013054	E3013154	9V	166mA	
E3013056	E3013156	12V	125mA	
E3013058	E3013158	15V	100mA	
E3013060	E3013160	18V	83mA	
E3013062	E3013162	24V	62mA	



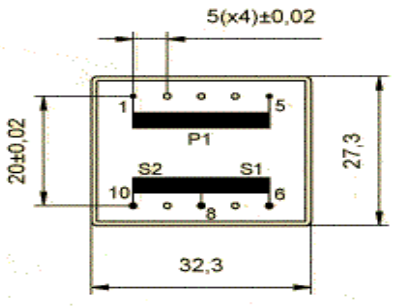
DUAL SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3013065	E3013165	2x4,5V	2x166mA	Short circuit proof
E3013051	E3013151	2x6V	2x125mA	
E3013053	E3013153	2x7,5V	2x100mA	
E3013055	E3013155	2x9V	2x83mA	
E3013057	E3013157	2x12V	2x62mA	
E3013059	E3013159	2x15V	2x50mA	
E3013061	E3013161	2x18V	2x41mA	
E3013063	E3013163	2x24V	2x31mA	



CENTER TAPPED, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3013085	E3013185	2x4,5V	2x166mA	Short circuit proof
E3013071	E3013171	2x6V	2x125mA	
E3013073	E3013173	2x7,5V	2x100mA	
E3013075	E3013175	2x9V	2x83mA	
E3013077	E3013177	2x12V	2x62mA	
E3013079	E3013179	2x15V	2x50mA	
E3013081	E3013181	2x18V	2x41mA	
E3013083	E3013183	2x24V	2x31mA	



ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044506

E3013 GREEN SERIES

EI 30/12.5 1,5VA - Ta70ºB

weight - 85gr.

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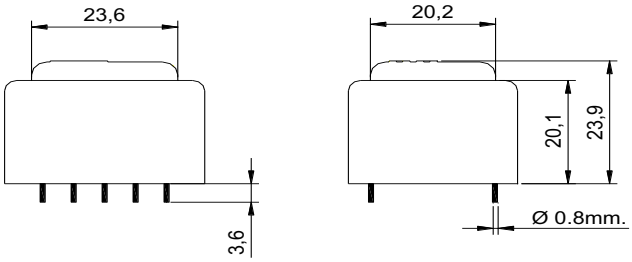
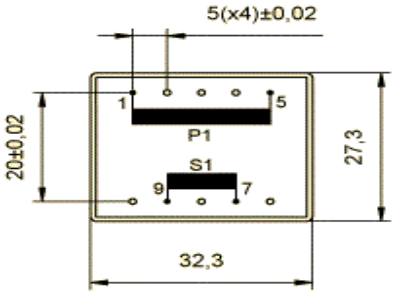
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



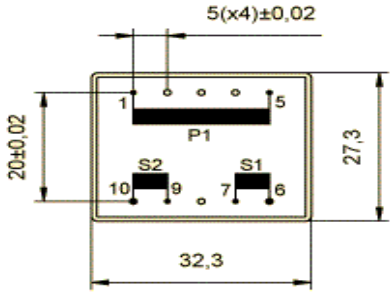
SINGLE SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3013864	E3013964	4,5V	333mA	Short circuit proof
E3013850	E3013950	6V	250mA	
E3013852	E3013952	7,5V	200mA	
E3013854	E3013954	9V	166mA	
E3013856	E3013956	12V	125mA	
E3013858	E3013958	15V	100mA	
E3013860	E3013960	18V	83mA	
E3013862	E3013962	24V	62mA	



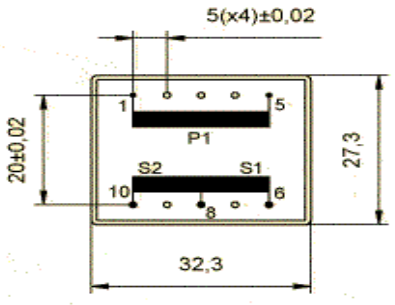
DUAL SECONDARY, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3013865	E3013965	2x4,5V	2x166mA	Short circuit proof
E3013851	E3013151	2x6V	2x125mA	
E3013853	E3013953	2x7,5V	2x100mA	
E3013855	E3013955	2x9V	2x83mA	
E3013857	E3013957	2x12V	2x62mA	
E3013859	E3013959	2x15V	2x50mA	
E3013861	E3013961	2x18V	2x41mA	
E3013863	E3013963	2x24V	2x31mA	

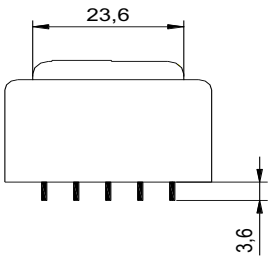


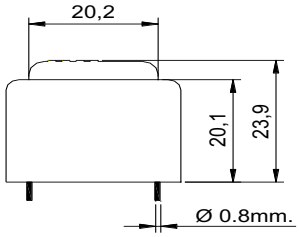
CENTER TAPPED, 1,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3013885	E3013985	2x4,5V	2x166mA	Short circuit proof
E3013871	E3013971	2x6V	2x125mA	
E3013873	E3013973	2x7,5V	2x100mA	
E3013875	E3013975	2x9V	2x83mA	
E3013877	E3013977	2x12V	2x62mA	
E3013879	E3013979	2x15V	2x50mA	
E3013881	E3013981	2x18V	2x41mA	
E3013883	E3013983	2x24V	2x31mA	



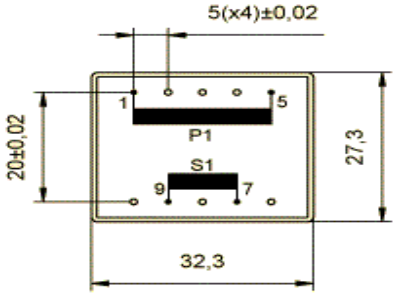
ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044506





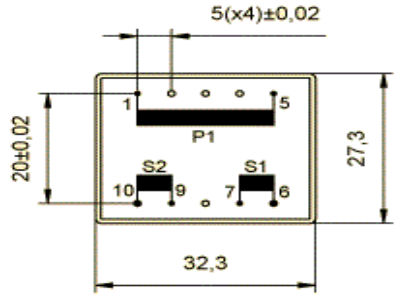
SINGLE SECONDARY, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3013014	E3013114	4,5V	400mA	Short circuit proof
E3013000	E3013100	6V	300mA	
E3013002	E3013102	7,5V	240mA	
E3013004	E3013104*	9V	200mA	
E3013006	E3013106	12V	150mA	
E3013008	E3013108	15V	120mA	
E3013010	E3013110	18V	100mA	
E3013012	E3013112	24V	75mA	



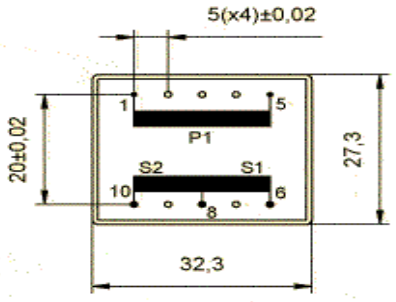
DUAL SECONDARY, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3013015	E3013115	2x4,5V	2x200mA	Short circuit proof
E3013001	E3013101	2x6V	2x150mA	
E3013003	E3013103	2x7,5V	2x120mA	
E3013005	E3013105	2x9V	2x100mA	
E3013007	E3013107	2x12V	2x75mA	
E3013009	E3013109	2x15V	2x60mA	
E3013011	E3013111	2x18V	2x50mA	
E3013013	E3013113	2x24V	2x37mA	



CENTER TAPPED, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3013035	E3013135	2x4,5V	2x200mA	Short circuit proof
E3013021	E3013121	2x6V	2x150mA	
E3013023	E3013123	2x7,5V	2x120mA	
E3013025	E3013125	2x9V	2x100mA	
E3013027	E3013127	2x12V	2x75mA	
E3013029	E3013129	2x15V	2x60mA	
E3013031	E3013131	2x18V	2x50mA	
E3013033	E3013133	2x24V	2x37mA	



ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044506

E3013 GREEN SERIES

EI 30/12.5 1,8VA - Ta40ºB

weight - 85gr.

ENCAPSULATED TRANSFORMERS

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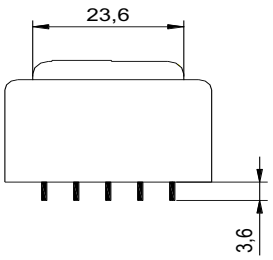
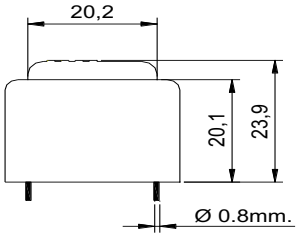
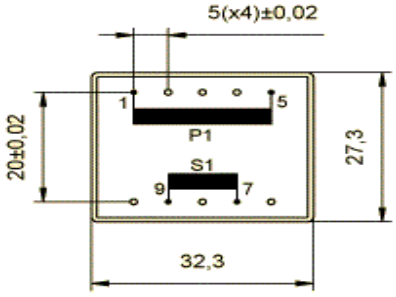
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





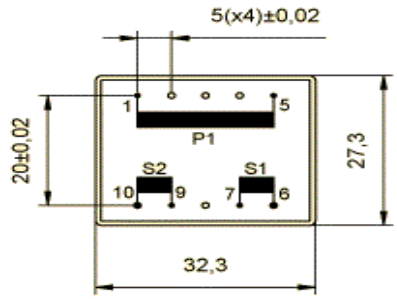
SINGLE SECONDARY, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3013814	E3013914	4,5V	400mA	Short circuit proof
E3013800	E3013900	6V	300mA	
E3013802	E3013902	7,5V	240mA	
E3013804	E3013904	9V	200mA	
E3013806	E3013906	12V	150mA	
E3013808	E3013908	15V	120mA	
E3013810	E3013910	18V	100mA	
E3013812	E3013912	24V	75mA	



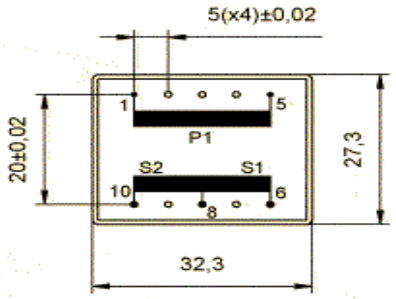
DUAL SECONDARY, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3013815	E3013915	2x4,5V	2x200mA	Short circuit proof
E3013801	E3013901	2x6V	2x150mA	
E3013803	E3013903	2x7,5V	2x120mA	
E3013805	E3013905	2x9V	2x100mA	
E3013807	E3013907	2x12V	2x75mA	
E3013809	E3013909	2x15V	2x60mA	
E3013811	E3013911	2x18V	2x50mA	
E3013813	E3013913	2x24V	2x37mA	



CENTER TAPPED, 1,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3013835	E3013935	2x4,5V	2x200mA	Short circuit proof
E3013821	E3013921	2x6V	2x150mA	
E3013823	E3013923	2x7,5V	2x120mA	
E3013825	E3013925	2x9V	2x100mA	
E3013827	E3013927	2x12V	2x75mA	
E3013829	E3013929	2x15V	2x60mA	
E3013831	E3013931	2x18V	2x50mA	
E3013833	E3013933	2x24V	2x37mA	



ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044506

E3016 GREEN SERIES

EI 30/16.5 2,0VA - Ta70ºB

weight - 100gr.

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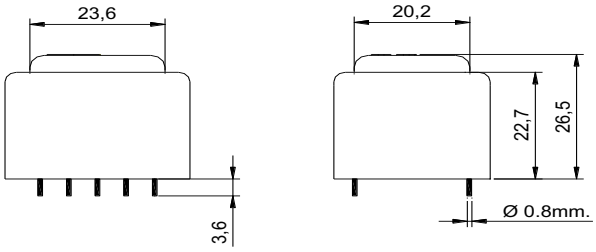
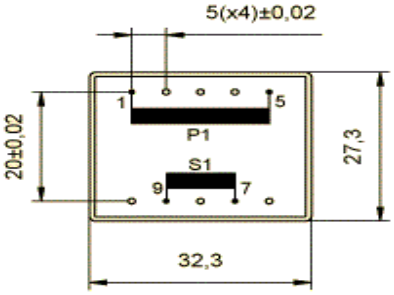
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



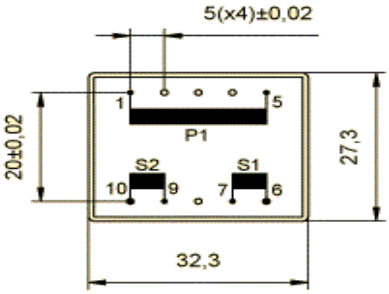
SINGLE SECONDARY, 2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3016814	E3016914	4,5V	444mA	Short circuit proof
E3016800	E3016900	6V	333mA	
E3016802	E3016902	7,5V	266mA	
E3016804	E3016904	9V	222mA	
E3016806	E3016906	12V	166mA	
E3016808	E3016908	15V	133mA	
E3016810	E3016910	18V	111mA	
E3016812	E3016912	24V	83mA	



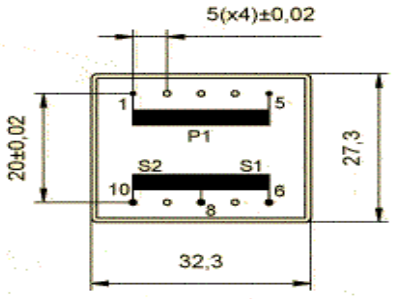
DUAL SECONDARY, 2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3016815	E3016915	2x4,5V	2x222mA	Short circuit proof
E3016801	E3016901	2x6V	2x166mA	
E3016803	E3016903	2x7,5V	2x133mA	
E3016805	E3016905	2x9V	2x111mA	
E3016807	E3016907	2x12V	2x83mA	
E3016809	E3016909	2x15V	2x66mA	
E3016811	E3016911	2x18V	2x55mA	
E3016813	E3016913	2x24V	2x41mA	

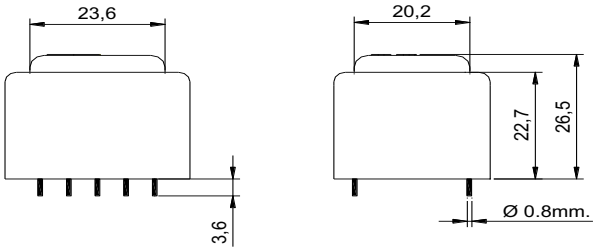


CENTER TAPPED, 2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3016835	E3016935	2x4,5V	2x222mA	Short circuit proof
E3016821	E3016921	2x6V	2x166mA	
E3016823	E3016923	2x7,5V	2x133mA	
E3016825	E3016925	2x9V	2x111mA	
E3016827	E3016927	2x12V	2x83mA	
E3016829	E3016929	2x15V	2x66mA	
E3016831	E3016931	2x18V	2x55mA	
E3016833	E3016933	2x24V	2x41mA	

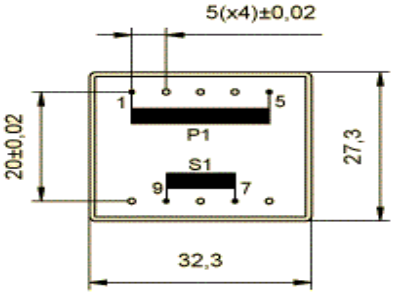


VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044905



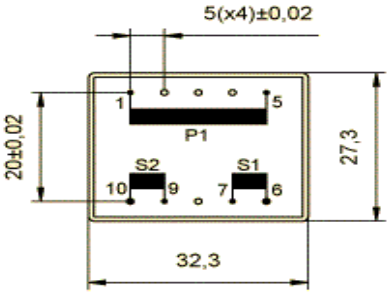
SINGLE SECONDARY, 2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3016014	E3016114	4,5V	444mA	Short circuit proof
E3016000	E3016100	6V	333mA	
E3016002	E3016102	7,5V	266mA	
E3016004	E3016104	9V	222mA	
E3016006	E3016106	12V	166mA	
E3016008	E3016108	15V	133mA	
E3016010	E3016110	18V	111mA	
E3016012	E3016112	24V	83mA	



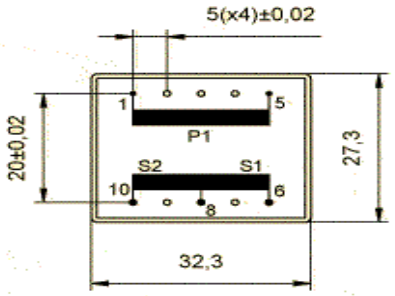
DUAL SECONDARY, 2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3016015	E3016115	2x4,5V	2x222mA	Short circuit proof
E3016001	E3016101	2x6V	2x166mA	
E3016003	E3016103	2x7,5V	2x133mA	
E3016005	E3016105	2x9V	2x111mA	
E3016007	E3016107	2x12V	2x83mA	
E3016009	E3016109	2x15V	2x66mA	
E3016011*	E3016111	2x18V	2x55mA	
E3016013*	E3016113	2x24V	2x41mA	



CENTER TAPPED, 2VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3016035	E3016135	2x4,5V	2x222mA	Short circuit proof
E3016021	E3016121	2x6V	2x166mA	
E3016023	E3016123	2x7,5V	2x133mA	
E3016025	E3016125	2x9V	2x111mA	
E3016027	E3016127	2x12V	2x83mA	
E3016029	E3016129	2x15V	2x66mA	
E3016031*	E3016131	2x18V	2x55mA	
E3016033*	E3016133	2x24V	2x41mA	



VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 40044905

E3016 GREEN SERIES

EI 30/16.5 2,4VA - Ta40ºB

weight - 100gr.

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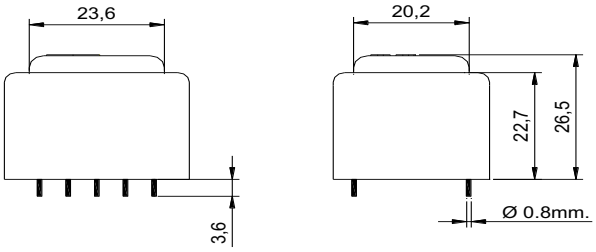
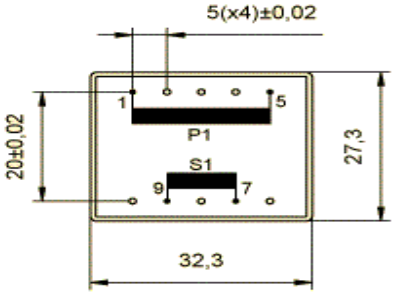
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



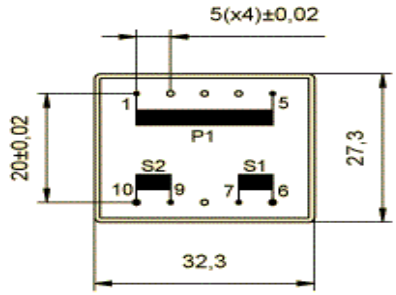
SINGLE SECONDARY, 2,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3016814	E3016914	4,5V	533mA	Short circuit proof
E3016800	E3016900	6V	400mA	
E3016802	E3016902	7,5V	320mA	
E3016804	E3016904	9V	266mA	
E3016806	E3016906	12V	200mA	
E3016808	E3016908	15V	160mA	
E3016810	E3016910	18V	133mA	
E3016812	E3016912	24V	100mA	



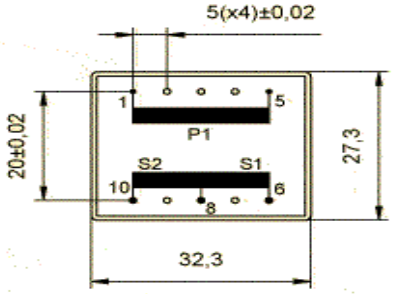
DUAL SECONDARY, 2,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3016815	E3016915	2x4,5V	2x266mA	Short circuit proof
E3016801	E3016901	2x6V	2x200mA	
E3016803	E3016903	2x7,5V	2x160mA	
E3016805	E3016905	2x9V	2x133mA	
E3016807	E3016907	2x12V	2x100mA	
E3016809	E3016909	2x15V	2x80mA	
E3016811	E3016911	2x18V	2x66mA	
E3016813	E3016913	2x24V	2x50mA	

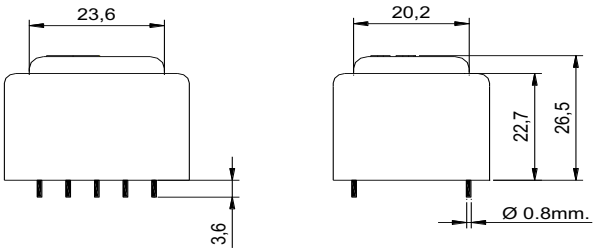


CENTER TAPPED, 2,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3016035	E3016935	2x4,5V	2x266mA	Short circuit proof
E3016021	E3016921	2x6V	2x200mA	
E3016023	E3016923	2x7,5V	2x160mA	
E3016025	E3016925	2x9V	2x133mA	
E3016027	E3016927	2x12V	2x100mA	
E3016029	E3016929	2x15V	2x80mA	
E3016031	E3016931	2x18V	2x66mA	
E3016033	E3016933	2x24V	2x50mA	

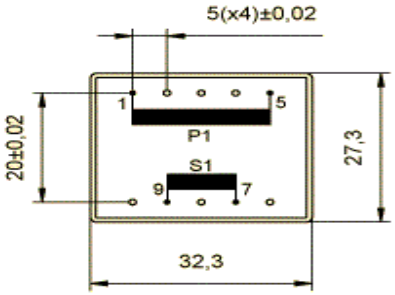


ENEC + VDE certification: Vin 230V - Vout 4,5...30V or 2x4,5V...2x15V models aproved. File 400445905



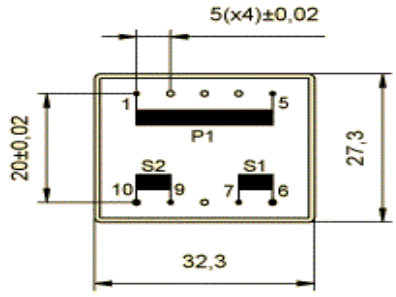
SINGLE SECONDARY, 2,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3016014	E3016114	4,5V	533mA	Short circuit proof
E3016000	E3016100	6V	400mA	
E3016002	E3016102	7,5V	320mA	
E3016004	E3016104	9V	266mA	
E3016006	E3016106	12V	200mA	
E3016008	E3016108	15V	160mA	
E3016010	E3016110	18V	133mA	
E3016012	E3016112	24V	100mA	



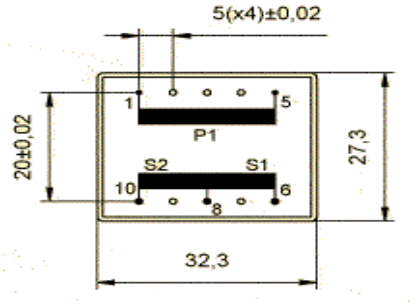
DUAL SECONDARY, 2,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3016015	E3016115	2x4,5V	2x266mA	Short circuit proof
E3016001	E3016101	2x6V	2x200mA	
E3016003	E3016103	2x7,5V	2x160mA	
E3016005	E3016105	2x9V	2x133mA	
E3016007	E3016107	2x12V	2x100mA	
E3016009	E3016109	2x15V	2x80mA	
E3016011	E3016111	2x18V	2x66mA	
E3016013	E3016113	2x24V	2x50mA	



CENTER TAPPED, 2,4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3016035	E3016135	2x4,5V	2x266mA	Short circuit proof
E3016021	E3016121	2x6V	2x200mA	
E3016023	E3016123	2x7,5V	2x160mA	
E3016025	E3016125	2x9V	2x133mA	
E3016027	E3016127	2x12V	2x100mA	
E3016029	E3016129	2x15V	2x80mA	
E3016031	E3016131	2x18V	2x66mA	
E3016033	E3016133	2x24V	2x50mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

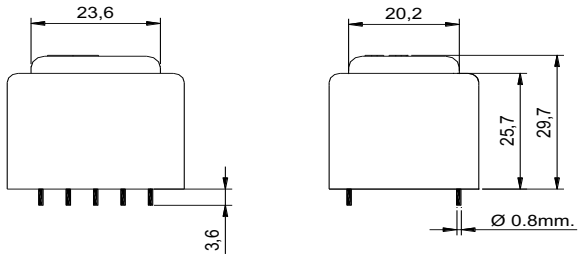
E3018 GREEN SERIES

EI 30/18 2,3VA - Ta70ºB

weight - 115gr.

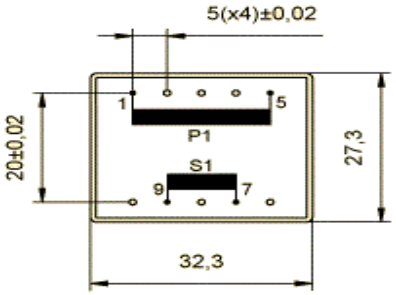
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



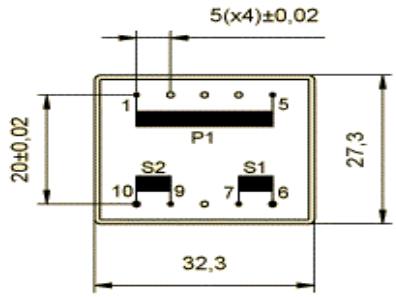
SINGLE SECONDARY, 2,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3018864	E3018964	4,5V	511mA	Short circuit proof
E3018850	E3018950	6V	383mA	
E3018852	E3018952	7,5V	306mA	
E3018854	E3018954	9V	255mA	
E3018856	E3018956	12V	191mA	
E3018858	E3018958	15V	153mA	
E3018860	E3018960	18V	127mA	
E3018862	E3018962	24V	95mA	



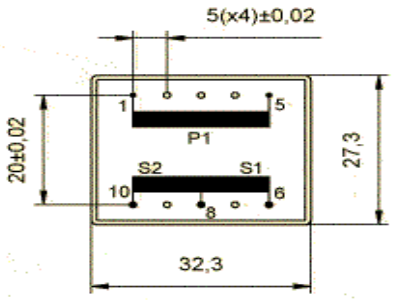
DUAL SECONDARY, 2,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3018865	E3018965	2x4,5V	2x255mA	Short circuit proof
E3018851	E3018951	2x6V	2x191mA	
E3018853	E3018953	2x7,5V	2x153mA	
E3018855	E3018955	2x9V	2x127mA	
E3018857	E3018957	2x12V	2x95mA	
E3018859	E3018959	2x15V	2x76mA	
E3018861	E3018961	2x18V	2x63mA	
E3018863	E3018963	2x24V	2x47mA	

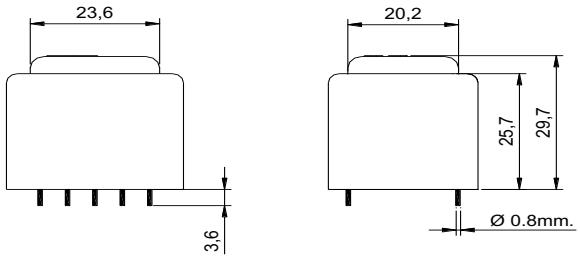


CENTER TAPPED, 2,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3018885	E3018985	2x4,5V	2x255mA	Short circuit proof
E3018871	E3018971	2x6V	2x191mA	
E3018873	E3018973	2x7,5V	2x153mA	
E3018875	E3018975	2x9V	2x127mA	
E3018877	E3018977	2x12V	2x95mA	
E3018879	E3018979	2x15V	2x76mA	
E3018881	E3018981	2x18V	2x63mA	
E3018883	E3018983	2x24V	2x47mA	

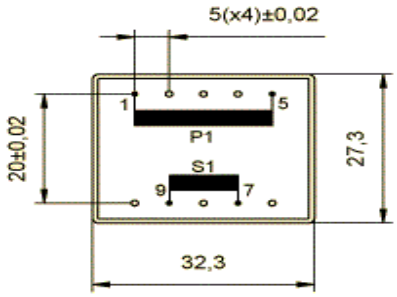


VDE certification: Vin 230V - Vout 4,5...24V or 2x4,5V...2x12V models aproved. File 40044904



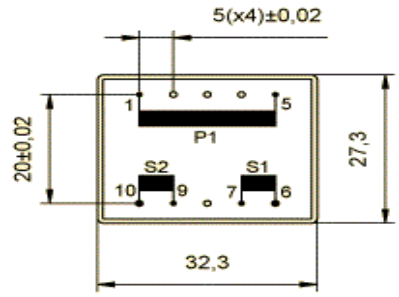
SINGLE SECONDARY, 2,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3018064	E3018164	4,5V	511mA	Short circuit proof
E3018050	E3018150	6V	383mA	
E3018052	E3018152	7,5V	306mA	
E3018054	E3018154	9V	255mA	
E3018056	E3018156	12V	191mA	
E3018058	E3018158	15V	153mA	
E3018060	E3018160	18V	127mA	
E3018062	E3018162	24V	95mA	



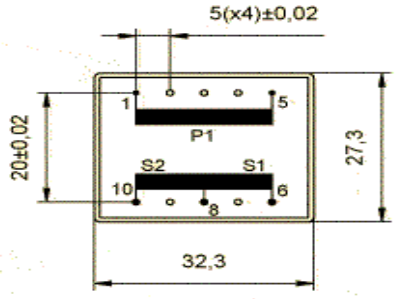
DUAL SECONDARY, 2,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3018065	E3018165	2x4,5V	2x255mA	Short circuit proof
E3018051	E3018151	2x6V	2x191mA	
E3018053	E3018153	2x7,5V	2x153mA	
E3018055	E3018155	2x9V	2x127mA	
E3018057	E3018157	2x12V	2x95mA	
E3018059*	E3018159	2x15V	2x76mA	
E3018061*	E3018161	2x18V	2x63mA	
E3018063*	E3018163	2x24V	2x47mA	

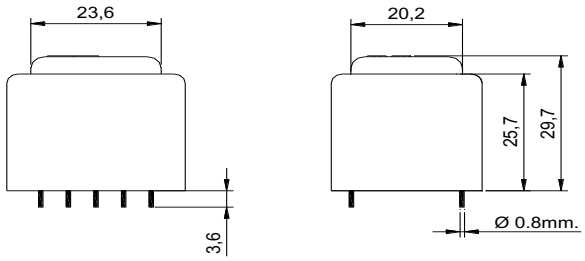


CENTER TAPPED, 2,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3018085	E3018185	2x4,5V	2x255mA	Short circuit proof
E3018071	E3018171	2x6V	2x191mA	
E3018073	E3018173	2x7,5V	2x153mA	
E3018075	E3018175	2x9V	2x127mA	
E3018077	E3018177	2x12V	2x95mA	
E3018079*	E3018179	2x15V	2x76mA	
E3018081*	E3018181	2x18V	2x63mA	
E3018083*	E3018183	2x24V	2x47mA	

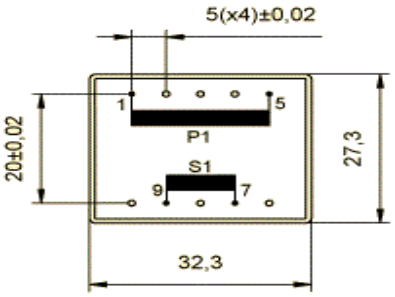


VDE certification: Vin 230V - Vout 4,5...24V or 2x4,5V...2x12V models aproved. File 40044904



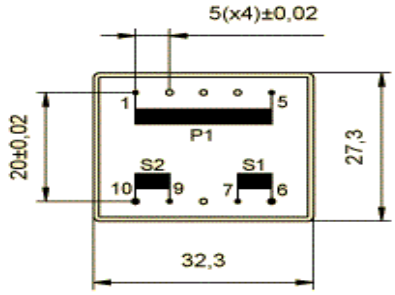
SINGLE SECONDARY, 2,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3018814	E3018914	4,5V	622mA	Short circuit proof
E3018800	E3018900	6V	466mA	
E3018802	E3018902	7,5V	373mA	
E3018804	E3018904	9V	311mA	
E3018806	E3018906	12V	233mA	
E3018808	E3018908	15V	186mA	
E3018810	E3018910	18V	155mA	
E3018812	E3018912	24V	116mA	



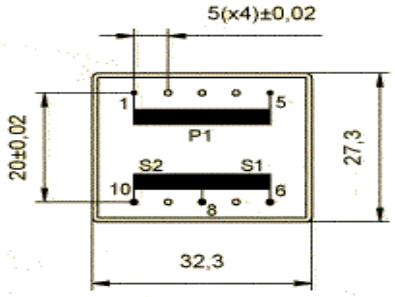
DUAL SECONDARY, 2,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3018815	E3018915	2x4,5V	2x311mA	Short circuit proof
E3018801	E3018901	2x6V	2x233mA	
E3018803	E3018903	2x7,5V	2x186mA	
E3018805	E3018905	2x9V	2x155mA	
E3018807	E3018907	2x12V	2x116mA	
E3018809	E3018909	2x15V	2x93mA	
E3018811	E3018911	2x18V	2x77mA	
E3018813	E3018913	2x24V	2x58mA	



CENTER TAPPED, 2,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3018835	E3018935	2x4,5V	2x311mA	Short circuit proof
E3018821	E3018921	2x6V	2x233mA	
E3018823	E3018923	2x7,5V	2x186mA	
E3018825	E3018925	2x9V	2x155mA	
E3018827	E3018927	2x12V	2x116mA	
E3018829	E3018929	2x15V	2x93mA	
E3018831	E3018931	2x18V	2x77mA	
E3018833	E3018933	2x24V	2x58mA	



VDE certification: Vin 230V - Vout 4,5...24V or 2x4,5V...2x12V models aproved. File 40044904

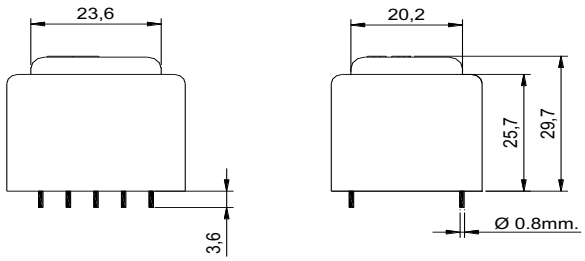
E3018 (EI 30/18)

2,8VA - Ta40ºB

weight - 115gr.

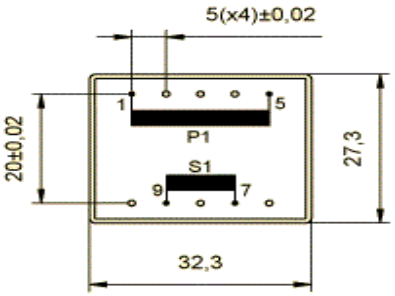
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



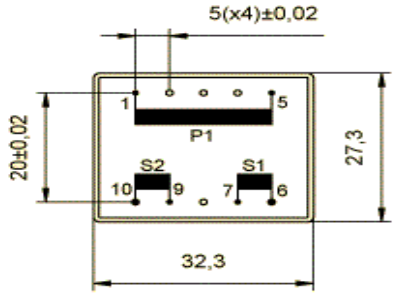
SINGLE SECONDARY, 2,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3018014	E3018114	4,5V	622mA	Short circuit proof
E3018000	E3018100	6V	466mA	
E3018002	E3018102	7,5V	373mA	
E3018004	E3018104	9V	311mA	
E3018006	E3018106	12V	233mA	
E3018008	E3018108	15V	186mA	
E3018010	E3018110	18V	155mA	
E3018012	E3018112	24V	116mA	



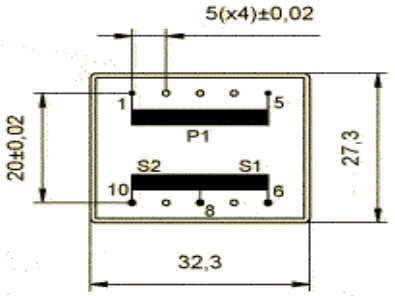
DUAL SECONDARY, 2,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3018015	E3018115	2x4,5V	2x311mA	Short circuit proof
E3018001	E3018101	2x6V	2x233mA	
E3018003	E3018103	2x7,5V	2x186mA	
E3018005	E3018105	2x9V	2x155mA	
E3018007	E3018107	2x12V	2x116mA	
E3018009	E3018109	2x15V	2x93mA	
E3018011	E3018111	2x18V	2x77mA	
E3018013	E3018113	2x24V	2x58mA	

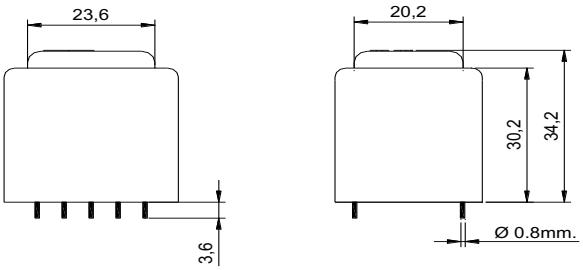


CENTER TAPPED, 2,8VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3018035	E3018135	2x4,5V	2x311mA	Short circuit proof
E3018021	E3018121	2x6V	2x233mA	
E3018023	E3018123	2x7,5V	2x186mA	
E3018025	E3018125	2x9V	2x155mA	
E3018027	E3018127	2x12V	2x116mA	
E3018029	E3018129	2x15V	2x93mA	
E3018031	E3018131	2x18V	2x77mA	
E3018033	E3018133	2x24V	2x58mA	

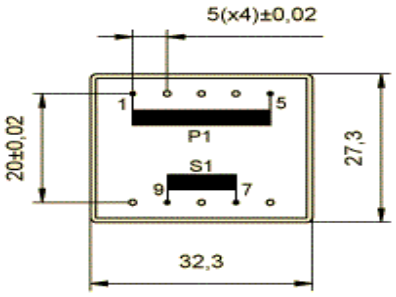


VDE certification: Vin 230V - Vout 4,5...24V or 2x4,5V...2x12V models aproved. File 40044904



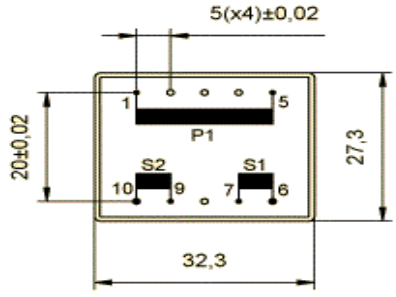
SINGLE SECONDARY, 2,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3023064	E3023164	4,5V	622mA	Short circuit proof
E3023050	E3023150	6V	466mA	
E3023052	E3023152	7,5V	373mA	
E3023054	E3023154	9V	311mA	
E3023056	E3023156	12V	233mA	
E3023058	E3023158	15V	186mA	
E3023060	E3023160	18V	155mA	
E3023062	E3023162	24V	116mA	



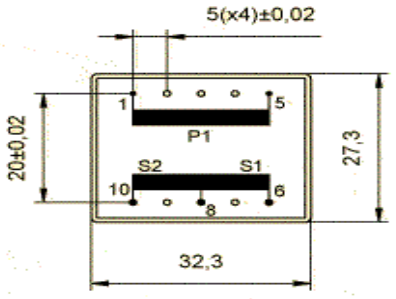
DUAL SECONDARY, 2,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3023065	E3023165	2x4,5V	2x311mA	Short circuit proof
E3023051	E3023151	2x6V	2x233mA	
E3023053	E3023153	2x7,5V	2x186mA	
E3023055	E3023155	2x9V	2x155mA	
E3023057	E3023157	2x12V	2x116mA	
E3023059	E3023159	2x15V	2x93mA	
E3023061	E3023161	2x18V	2x77mA	
E3023063	E3023163	2x24V	2x58mA	



CENTER TAPPED, 2,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3023085	E3023185	2x4,5V	2x311mA	Short circuit proof
E3023071	E3023171	2x6V	2x233mA	
E3023073	E3023173	2x7,5V	2x186mA	
E3023075	E3023175	2x9V	2x155mA	
E3023077	E3023177	2x12V	2x116mA	
E3023079	E3023179	2x15V	2x93mA	
E3023081	E3023181	2x18V	2x77mA	
E3023083	E3023183	2x24V	2x58mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E3023 GREEN SERIES

EI 30/23 3,2VA - Ta40ºB

weight - 140gr.

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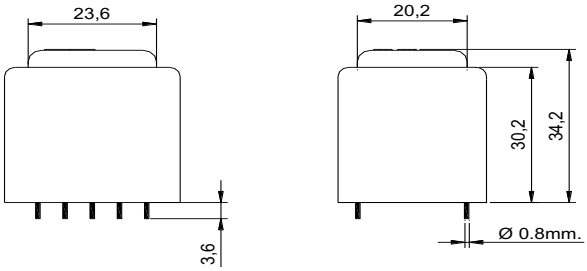
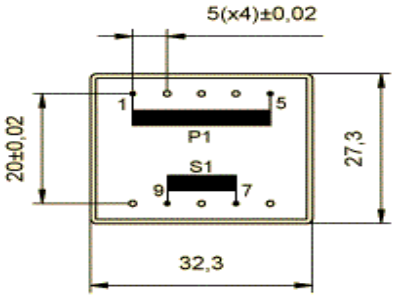
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



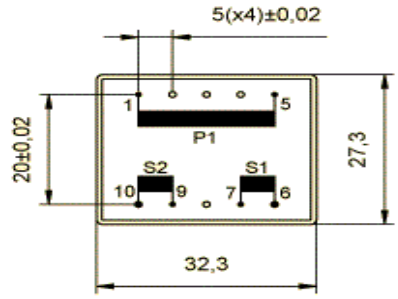
SINGLE SECONDARY, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3023814	E3023914	4,5V	711mA	Short circuit proof
E3023800	E3023900	6V	533mA	
E3023802	E3023902	7,5V	426mA	
E3023804	E3023904	9V	355mA	
E3023806	E3023906	12V	266mA	
E3023808	E3023908	15V	213mA	
E3023810	E3023910	18V	177mA	
E3023812	E3023912	24V	133mA	



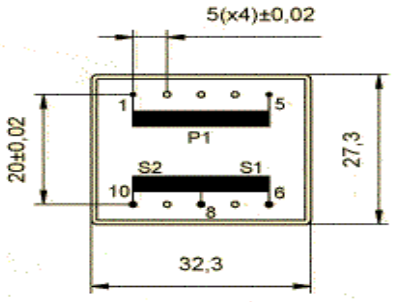
DUAL SECONDARY, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3023815	E3023915	2x4,5V	2x355mA	Short circuit proof
E3023801	E3023901	2x6V	2x266mA	
E3023803	E3023903	2x7,5V	2x213mA	
E3023805	E3023905	2x9V	2x177mA	
E3023807	E3023907	2x12V	2x133mA	
E3023809	E3023909	2x15V	2x106mA	
E3023811	E3023911	2x18V	2x88mA	
E3023813	E3023913	2x24V	2x66mA	

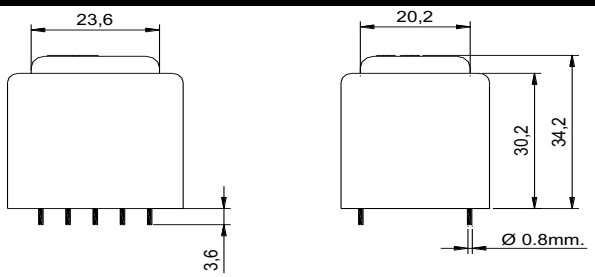


CENTER TAPPED, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3023835	E3023935	2x4,5V	2x355mA	Short circuit proof
E3023821	E3023921	2x6V	2x266mA	
E3023823	E3023923	2x7,5V	2x213mA	
E3023825	E3023925	2x9V	2x177mA	
E3023827	E3023927	2x12V	2x133mA	
E3023829	E3023929	2x15V	2x106mA	
E3023831	E3023931	2x18V	2x88mA	
E3023833	E3023933	2x24V	2x66mA	

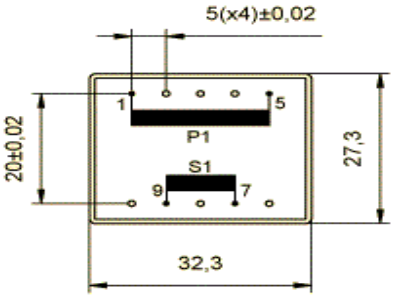


VDE certification: Vin 230V - Vout 4,5...24V or 2x4,5V...2x12V models aproved. File 40044904



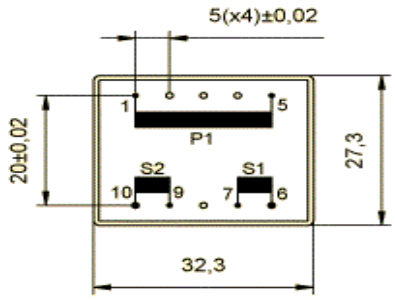
SINGLE SECONDARY, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3023014	E3023114	4,5V	711mA	Short circuit proof
E3023000	E3023100	6V	533mA	
E3023002	E3023102	7,5V	426mA	
E3023004	E3023104	9V	355mA	
E3023006	E3023106	12V	266mA	
E3023008	E3023108	15V	213mA	
E3023010	E3023110	18V	177mA	
E3023012	E3023112	24V	133mA	



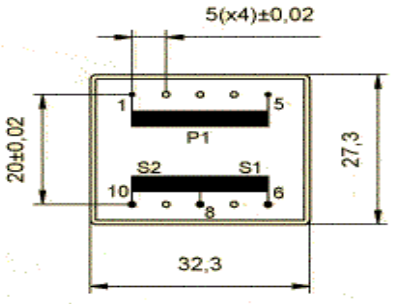
DUAL SECONDARY, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3023015	E3023115	2x4,5V	2x355mA	Short circuit proof
E3023001	E3023101	2x6V	2x266mA	
E3023003	E3023103	2x7,5V	2x213mA	
E3023005	E3023105	2x9V	2x177mA	
E3023007	E3023107	2x12V	2x133mA	
E3023009	E3023109	2x15V	2x106mA	
E3023011	E3023111	2x18V	2x88mA	
E3023013	E3023113	2x24V	2x66mA	



CENTER TAPPED, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3023035	E3023135	2x4,5V	2x355mA	Short circuit proof
E3023021	E3023121	2x6V	2x266mA	
E3023023	E3023123	2x7,5V	2x213mA	
E3023025	E3023125	2x9V	2x177mA	
E3023027	E3023127	2x12V	2x133mA	
E3023029	E3023129	2x15V	2x106mA	
E3023031	E3023131	2x18V	2x88mA	
E3023033	E3023133	2x24V	2x66mA	



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

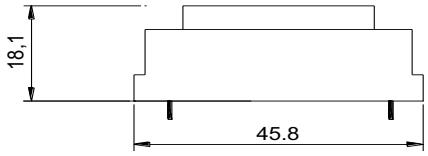
E30/40/7,5

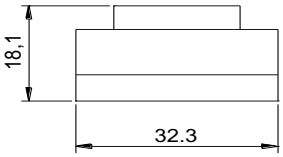
2,0VA - Ta70ºB

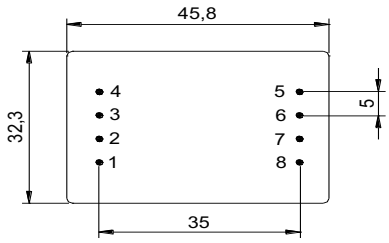
weight - 420gr.

FLAT ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof

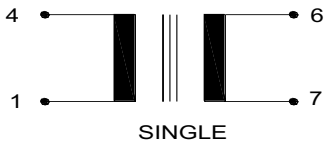






SINGLE SECONDARY, 2,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3308064	E3308114	4,5V	444mA	Short circuit proof
E3308050	E3308150	6V	333mA	
E3308052	E3308152	7,5V	267mA	
E3308054	E3308154	9V	222mA	
E3308056	E3308156	12V	167mA	
E3308058	E3308158	15V	133mA	
E3308060	E3308160	18V	111mA	
E3308062	E3308162	24V	83mA	



DUAL SECONDARY, 2,0VA. Taº70B

HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Protection
Prim. 230V	Prim. 115V	Vsec	Isec	
E3308065	E3308165	2x4,5V	2x222mA	Short circuit proof
E3308051	E3308151	2x6V	2x167mA	
E3308053	E3308153	2x7,5V	2x133mA	
E3308055	E3308155	2x9V	2x111mA	
E3308057	E3308157	2x12V	2x83mA	
E3308059	E3308159	2x15V	2x67mA	
E3308061	E3308161	2x18V	2x56mA	
E3308063	E3308163	2x24V	2x42mA	

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

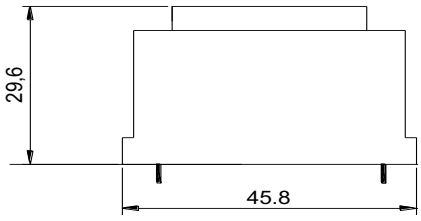
E30/40/10,5

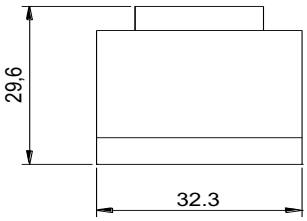
3,0VA - Ta70ºB

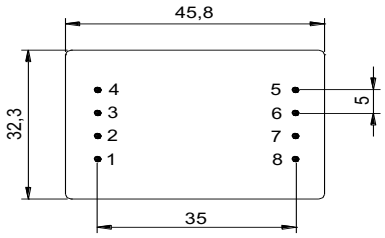
weight - 420gr.

FLAT ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

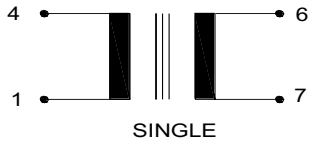






SINGLE SECONDARY, 3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 20mA/T 115V: 40mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3310464	E3310514	4,5V	667mA	750mA
E3310450	E3310550	6V	500mA	630mA
E3310452	E3310552	7,5V	400mA	500mA
E3310454	E3310554	9V	333mA	400mA
E3310456	E3310556	12V	250mA	315mA
E33104458	E3310558	15V	200mA	250mA
E3310460	E3310560	18V	167mA	200mA
E3310462	E3310562	24V	125mA	160mA



DUAL SECONDARY, 3VA. Taº70B

HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 20mA/T 115V: 40mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3310465	E3310565	2x4,5V	2x333mA	2x400mA
E3310451	E3310551	2x6V	2x250mA	2x315mA
E3310453	E3310553	2x7,5V	2x200mA	2x250mA
E3310455	E3310555	2x9V	2x167mA	2x200mA
E3310457	E3310557	2x12V	2x125mA	2x160mA
E3310459	E3310559	2x15V	2x100mA	2x125mA
E3310461	E3310561	2x18V	2x83mA	2x400mA
E3310463	E3310563	2x24V	2x63mA	2x80mA

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

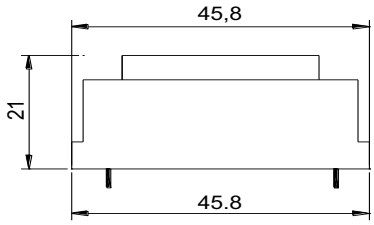
E30/40/10,5

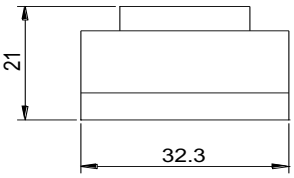
2,4VA - Ta70ºB

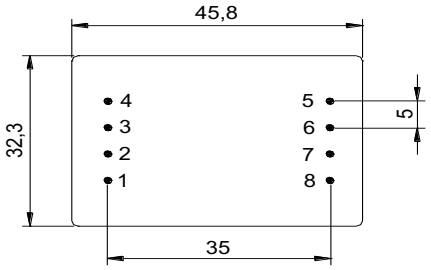
weight - 420gr.

FLAT ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof

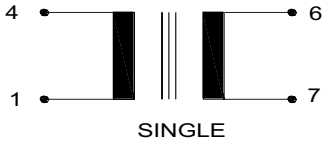






SINGLE SECONDARY, 2,4VA. Taº70B

HR REFERENCE		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3310064	E3310114	4,5V	533mA	Short circuit proof
E3310050	E3310150	6V	400mA	
E3310052	E3310152	7,5V	320mA	
E3310054	E3310154	9V	267mA	
E3310056	E3310156	12V	200mA	
E3310058	E3310158	15V	160mA	
E3310060	E3310160	18V	133mA	
E3310062	E3310162	24V	100mA	



DUAL SECONDARY, 2,4VA. Taº70B

HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Protection
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	
E3310065	E3310165	2x4,5V	2x267mA	Short circuit proof
E3310051	E3310151	2x6V	2x200mA	
E3310053	E3310153	2x7,5V	2x160mA	
E3310055	E3310155	2x9V	2x160mA	
E3310057	E3310157	2x12V	2x100mA	
E3310059	E3310159	2x15V	2x80mA	
E3310061	E3310161	2x18V	2x67mA	
E3310063	E3310163	2x24V	2x50mA	

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

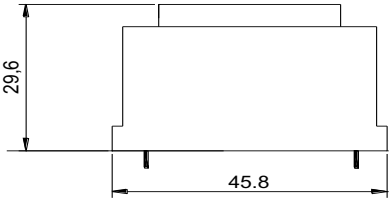
E30/40/16,6

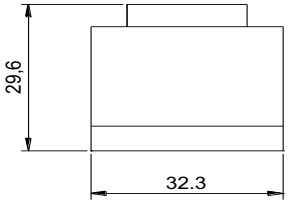
5VA - Taº70ºB

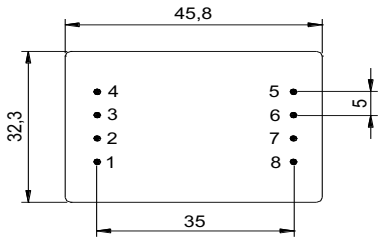
weight - 420gr.

FLAT ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

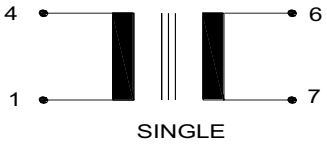






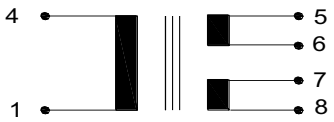
SINGLE SECONDARY, 5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 25mA/T 115V: 50mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3317064	E3317114	4,5V	1111mA	1250mA
E3317050	E3317150	6V	833mA	1000mA
E3317052	E3317152	7,5V	667mA	750mA
E3317054	E3317154	9V	556mA	630mA
E3317056	E3317156	12V	417mA	500mA
E3317058	E3317158	15V	333mA	400mA
E3317060	E3317160	18V	278mA	315mA
E3317062	E3317162	24V	208mA	250mA



DUAL SECONDARY, 5VA. Taº70B

HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3317065	E3317165	2x4,5V	2x556mA	2x630mA
E3317051	E3317151	2x6V	2x417mA	2x500mA
E3317053	E3317153	2x7,5V	2x333mA	2x400mA
E3317055	E3317155	2x9V	2x278mA	2x315mA
E3317057	E3317157	2x12V	2x167mA	2x200mA
E3317059	E3317159	2x15V	2x433mA	2x500mA
E3317061	E3317161	2x18V	2x139mA	2x160mA
E3317063	E3317163	2x24V	2x104mA	2x125mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

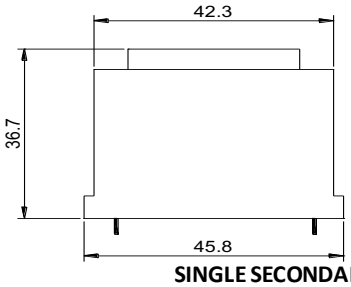
E30/40/26,5

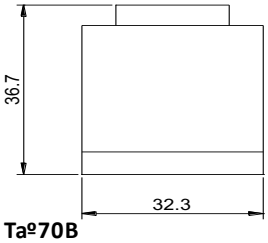
8 VA - Ta70ºB

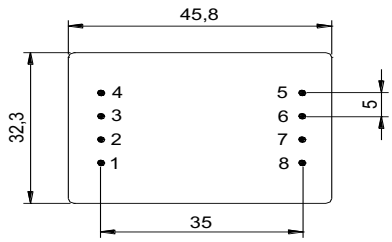
weight - 420gr.

FLAT ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

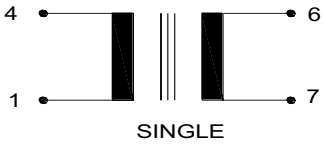






SINGLE SECONDARY, 8VA. Taº70B

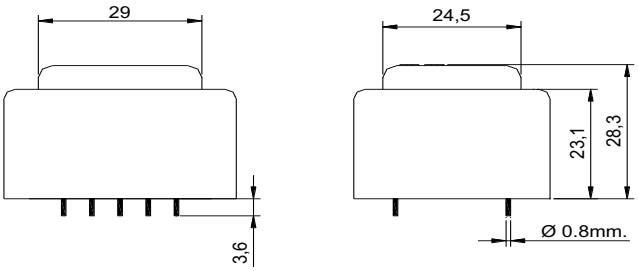
HR REFERENCE		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3326064	E3326114	4,5V	1778mA	2000mA
E3326050	E3326150	6V	1333mA	1500mA
E3326052	E3326152	7,5V	1067mA	1250mA
E3326054	E3326154	9V	889mA	1000mA
E3326056	E3326156	12V	667mA	800mA
E3326058	E3326158	15V	533mA	630mA
E3326060	E3326160	18V	444mA	500mA
E3326062	E3326162	24V	333mA	400mA



DUAL SECONDARY, 8VA. Taº70B

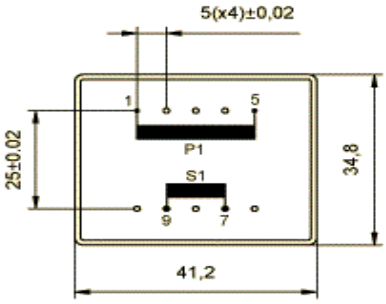
HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3326065	E3326165	2x4,5V	2x889mA	2x1000mA
E3326051	E3326151	2x6V	2x667mA	2x750mA
E3326053	E3326153	2x7,5V	2x533mA	2x630mA
E3326055	E3326155	2x9V	2x444mA	2x500mA
E3326057	E3326157	2x12V	2x333mA	2x400mA
E3326059	E3326159	2x15V	2x267mA	2x315mA
E3326061	E3326161	2x18V	2x222mA	2x250mA
E3326063	E3326163	2x24V	2x167mA	2x200mA

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



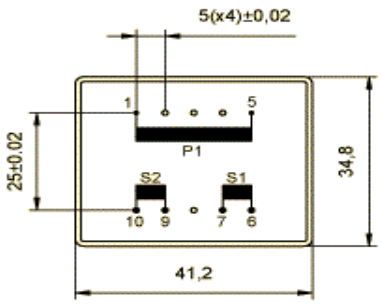
SINGLE SECONDARY, 1,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3808064	E3808164	4,5V	400mA	425mA
E3808050	E3808150	6V	300mA	310mA
E3808052	E3808152	7,5V	240mA	500mA
E3808054	E3808154	9V	200mA	225mA
E3808056	E3808156	12V	150mA	175mA
E3808058	E3808158	15V	120mA	150mA
E3808060	E3808160	18V	100mA	125mA
E3808062	E3808162	24V	75mA	100mA



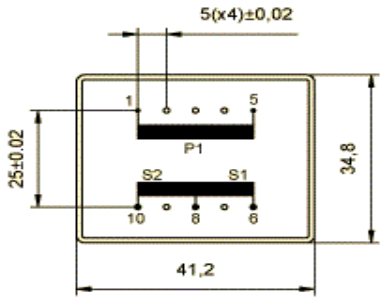
DUAL SECONDARY, 1,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3808065	E3808165	2x4,5V	2x200mA	2x225mA
E3808051	E3808151	2x6V	2x150mA	2x175mA
E3808053	E3808153	2x7,5V	2x120mA	2x250mA
E3808055	E3808155	2x9V	2x100mA	2x250mA
E3808057	E3808157	2x12V	2x75mA	2x80mA
E3808059	E3808159	2x15V	2x60mA	2x65mA
E3808061	E3808161	2x18V	2x50mA	2x55mA
E3808063	E3808163	2x24V	2x32,5mA	2x35mA

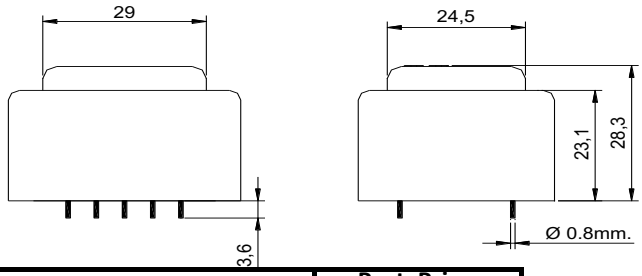


CENTER TAPPED, 1,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3808085	E3808185	2x4,5V	2x200mA	2x225mA
E3808071	E3808171	2x6V	2x150mA	2x175mA
E3808073	E3808173	2x7,5V	2x120mA	2x250mA
E3808075	E3808175	2x9V	2x100mA	2x250mA
E3808077	E3808177	2x12V	2x75mA	2x80mA
E3808079	E3808179	2x15V	2x60mA	2x65mA
E3808081	E3808181	2x18V	2x50mA	2x55mA
E3808083	E3808183	2x24V	2x32,5mA	2x35mA

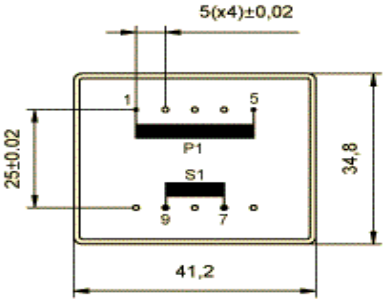


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



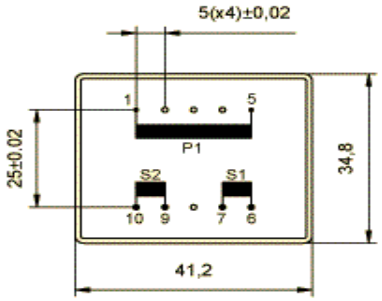
SINGLE SECONDARY, 2,1VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3808014	E3808114	4,5V	466mA	500mA
E3808000	E3808100	6V	350mA	375mA
E3808002	E3808102	7,5V	280mA	300mA
E3808004	E3808104	9V	233mA	250mA
E3808006	E3808106	12V	175mA	200mA
E3808008	E3808108	15V	140mA	150mA
E3808010	E3808110	18V	116mA	125mA
E3808012	E3808112	24V	87mA	100mA



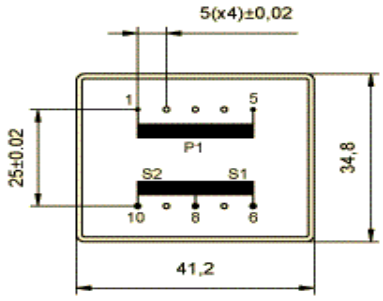
DUAL SECONDARY, 2,1VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3808015	E3808115	2x4,5V	2x233mA	2x500mA
E3808001	E3808101	2x6V	2x175mA	2x250mA
E3808003	E3814103	2x7,5V	2x140mA	2x150mA
E3808005	E3808105	2x9V	2x116mA	2x125mA
E3808007	E3808107	2x12V	2x87mA	2x100mA
E3808009	E3808109	2x15V	2x70mA	2x75mA
E3808011	E3808111	2x18V	2x58mA	2x65mA
E3808013	E3808113	2x24V	2x43mA	2x50mA

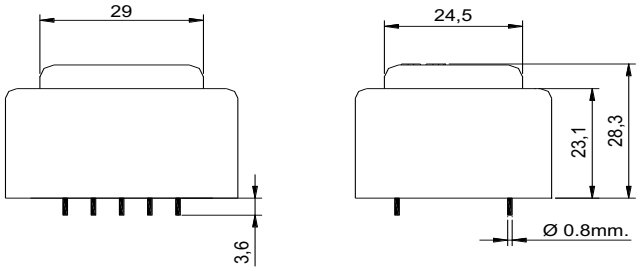


CENTER TAPPED, 2,1 Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3808035	E3808135	2x4,5V	2x233mA	2x500mA
E3808021	E3808121	2x6V	2x175mA	2x250mA
E3808023	E3808123	2x7,5V	2x140mA	2x150mA
E3808025	E3808125	2x9V	2x116mA	2x125mA
E3808027	E3808127	2x12V	2x87mA	2x100mA
E3808029	E3808129	2x15V	2x70mA	2x75mA
E3808031	E3808131	2x18V	2x58mA	2x65mA
E3808033	E3808133	2x24V	2x43mA	2x50mA

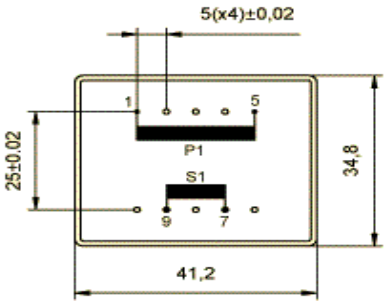


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



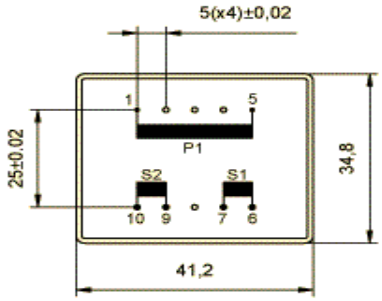
SINGLE SECONDARY, 3,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3814064	E3814164	4,5V	777mA	800mA
E3814050	E3814150	6V	583mA	630mA
E3814052	E3814152	7,5V	466mA	500mA
E3814054	E3814154	9V	388mA	400mA
E3814056	E3814156	12V	291mA	315mA
E3814058	E3814158	15V	233mA	250mA
E3814060	E3814160	18V	194mA	200mA
E3814062	E3814162	24V	145mA	160mA



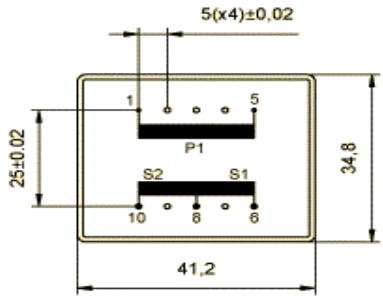
DUAL SECONDARY, 3,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3814065	E3814165	2x4,5V	2x388mA	2x400mA
E3814051	E3814151	2x6V	2x291mA	2x315mA
E3814053	E3814153	2x7,5V	2x233mA	2x250mA
E3814055	E3814155	2x9V	2x194mA	2x200mA
E3814057	E3814157	2x12V	2x145mA	2x160mA
E3814059	E3814159	2x15V	2x116mA	2x125mA
E3814061	E3814161	2x18V	2x97mA	2x110mA
E3814063	E3814163	2x24V	2x72mA	2x80mA

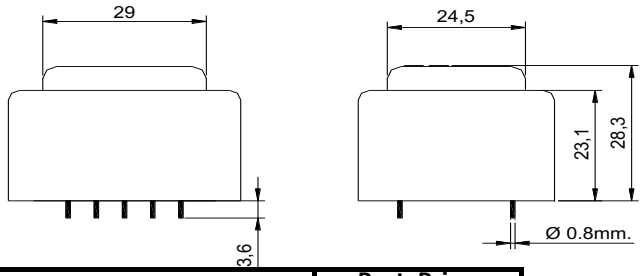


CENTER TAPPED, 3,5VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3814085	E3814185	2x4,5V	2x388mA	2x400mA
E3814071	E3814171	2x6V	2x291mA	2x315mA
E3814073	E3814173	2x7,5V	2x233mA	2x250mA
E3814075	E3814175	2x9V	2x194mA	2x200mA
E3814077	E3814177	2x12V	2x145mA	2x160mA
E3814079	E3814179	2x15V	2x116mA	2x125mA
E3814081	E3814181	2x18V	2x97mA	2x110mA
E3814083	E3814183	2x24V	2x72mA	2x80mA

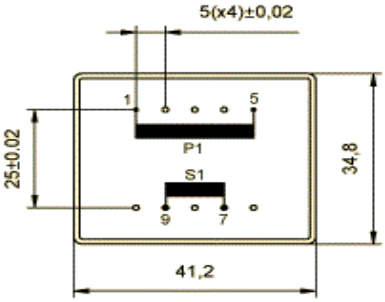


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



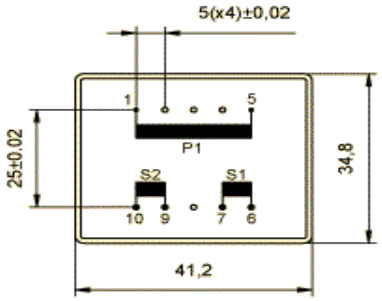
SINGLE SECONDARY, 4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3814014	E3814114	4,5V	888mA	1000mA
E3814000	E3814100	6V	666mA	800mA
E3814002	E3814102	7,5V	533mA	630mA
E3814004	E3814104	9V	444mA	500mA
E3814006	E3814106	12V	333mA	400mA
E3814008	E3814108	15V	266mA	315mA
E3814010	E3814110	18V	222mA	250mA
E3814012	E3814112	24V	166mA	200mA



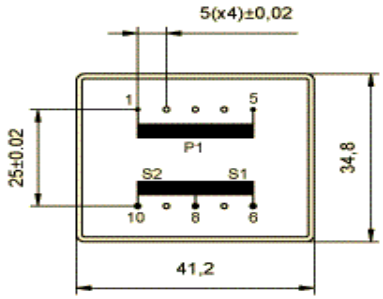
DUAL SECONDARY, 4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3814015	E3814115	2x4,5V	2x444mA	2x500mA
E3814001	E3814101	2x6V	2x333mA	2x400mA
E3814003	E3814103	2x7,5V	2x266mA	2x315mA
E3814005	E3814105	2x9V	2x222mA	2x250mA
E3814007	E3814107	2x12V	2x166mA	2x200mA
E3814009	E3814109	2x15V	2x133mA	2x160mA
E3814011	E3814111	2x18V	2x111mA	2x125mA
E3814013	E3814113	2x24V	2x83mA	2x100mA



CENTER TAPPED, 4VA. Taº40B

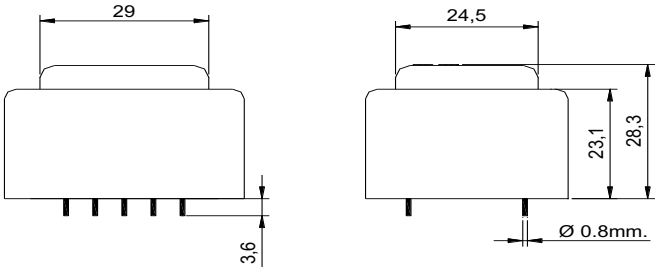
HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3814035	E3814135	2x4,5V	2x444mA	2x500mA
E3814021	E3814121	2x6V	2x333mA	2x400mA
E3814023	E3814123	2x7,5V	2x266mA	2x315mA
E3814025	E3814125	2x9V	2x222mA	2x250mA
E3814027	E3814127	2x12V	2x166mA	2x200mA
E3814029	E3814129	2x15V	2x133mA	2x160mA
E3814031	E3814131	2x18V	2x111mA	2x125mA
E3814033	E3814133	2x24V	2x83mA	2x100mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

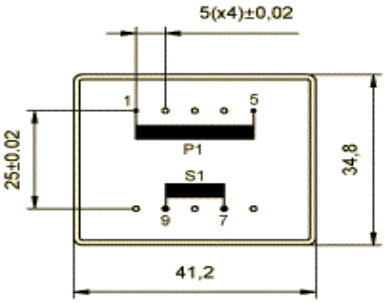
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



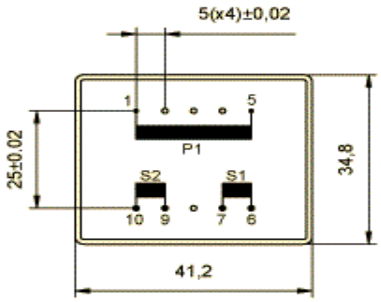
SINGLE SECONDARY, 3,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3817064	E3817164	4,5V	844mA	800mA
E3817050	E3817150	6V	633mA	630mA
E3817052	E3817152	7,5V	506mA	500mA
E3817054	E3817154	9V	422mA	400mA
E3817056	E3817156	12V	316mA	315mA
E3817058	E3817158	15V	253mA	250mA
E3817060	E3817160	18V	211mA	200mA
E3817062	E3817162	24V	158mA	160mA



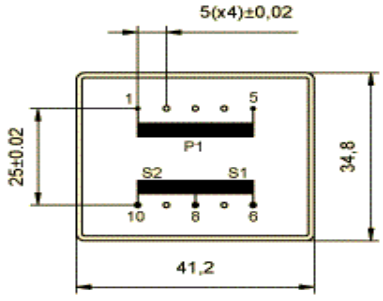
DUAL SECONDARY, 3,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3817065	E3817165	2x4,5V	2x422mA	2x400mA
E3817051	E3817151	2x6V	2x316mA	2x315mA
E3817053	E3817153	2x7,5V	2x253mA	2x250mA
E3817055	E3817155	2x9V	2x211mA	2x200mA
E3817057	E3817157	2x12V	2x158mA	2x160mA
E3817059	E3817159	2x15V	2x126mA	2x125mA
E3817061	E3817161	2x18V	2x105mA	2x110mA
E3817063	E3817163	2x24V	2x79mA	2x80mA



CENTER TAPPED, 3,8VA. Taº70B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3817085	E3817185	2x4,5V	2x422mA	2x400mA
E3817071	E3817171	2x6V	2x316mA	2x315mA
E3817073	E3817173	2x7,5V	2x253mA	2x250mA
E3817075	E3817175	2x9V	2x211mA	2x200mA
E3817077	E3817177	2x12V	2x158mA	2x160mA
E3817079	E3817179	2x15V	2x126mA	2x125mA
E3817081	E3817181	2x18V	2x105mA	2x110mA
E3817083	E3817183	2x24V	2x79mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

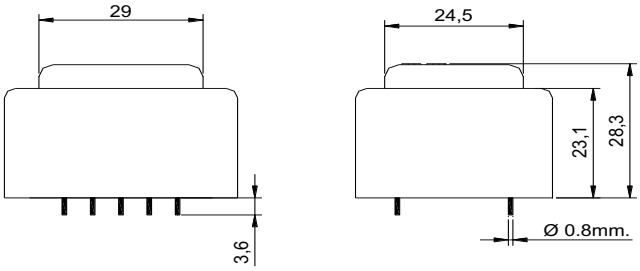
E3817 (EI 38/17)

4,5VA - Ta40ºB

weight - 150gr.

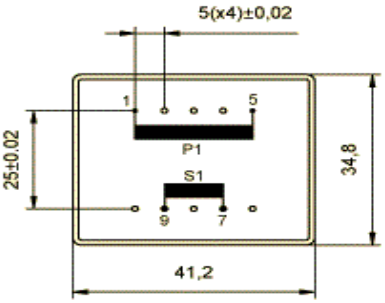
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



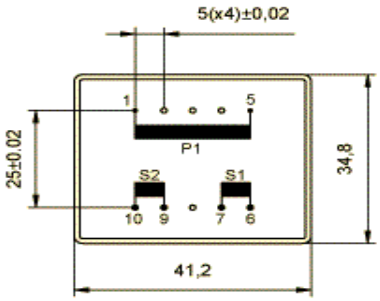
SINGLE SECONDARY, 4,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3817014	E3817114	4,5V	1000mA	1250mA
E3817000	E3817100	6V	750mA	800mA
E3817002	E3817102	7,5V	600mA	630mA
E3817004	E3817104	9V	500mA	500mA
E3817006	E3817106	12V	375mA	400mA
E3817008	E3817108	15V	300mA	315mA
E3817010	E3817110	18V	250mA	250mA
E3817012	E3817112	24V	188mA	200mA



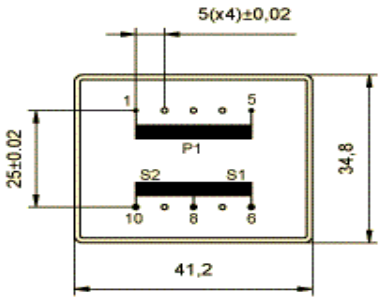
DUAL SECONDARY, 4,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3817015	E3817115	2x4,5V	2x500mA	2x630mA
E3817001	E3817101	2x6V	2x333mA	2x400mA
E3817003	E3817103	2x7,5V	2x266mA	2x315mA
E3817005	E3817105	2x9V	2x222mA	2x250mA
E3817007	E3817107	2x12V	2x166mA	2x200mA
E3817009	E3817109	2x15V	2x133mA	2x160mA
E3817011	E3817111	2x18V	2x111mA	2x125mA
E3817013	E3817113	2x24V	2x83mA	2x100mA

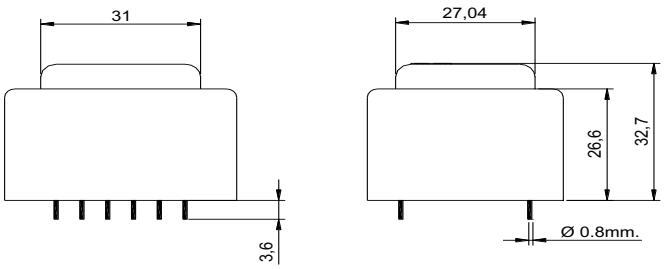


CENTER TAPPED, 4,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V:32mA/T 115V:64mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E3817035	E3814135	2x4,5V	2x500mA	2x630mA
E3817021	E3814121	2x6V	2x333mA	2x400mA
E3817023	E3814123	2x7,5V	2x266mA	2x315mA
E3817025	E3814125	2x9V	2x222mA	2x250mA
E3817027	E3814127	2x12V	2x166mA	2x200mA
E3817029	E3814129	2x15V	2x133mA	2x160mA
E3817031	E3814131	2x18V	2x111mA	2x125mA
E3817033	E3814133	2x24V	2x83mA	2x100mA

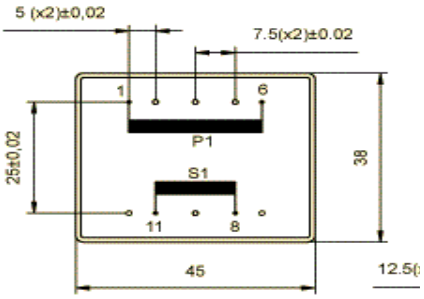


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



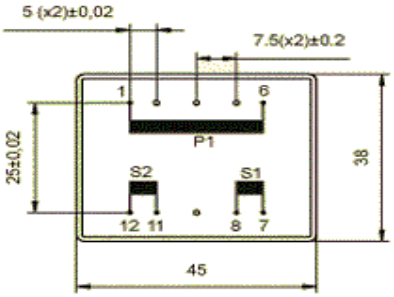
SINGLE SECONDARY, 2,7VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 40mA/T 115V: 80mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4209064	E4209164	4,5V	600mA	630mA
E4209050	E4209150	6V	450mA	500mA
E4209052	E4209152	7,5V	360mA	400mA
E4209054	E4209154	9V	300mA	315mA
E4209056	E4209156	12V	225mA	250mA
E4209058	E4209158	15V	180mA	250mA
E4209060	E4209160	18V	150mA	160mA
E4209062	E4209162	24V	112mA	125mA



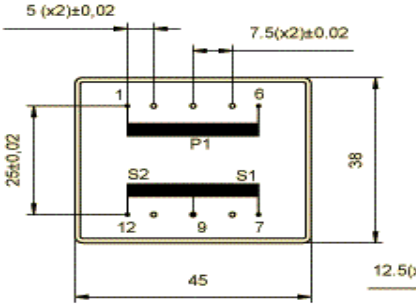
DUAL SECONDARY, 2,7VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 40mA/T 115V: 80mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4209065	E4209165	2x4,5V	2x300mA	2x400mA
E4209051	E4209151	2x6V	2x225mA	2x315mA
E4209053	E4209153	2x7,5V	2x180mA	2x250mA
E4209055	E4209155	2x9V	2x150mA	2x200mA
E4209057	E4209157	2x12V	2x112mA	2x160mA
E4209059	E4209159	2x15V	2x90mA	2x125mA
E4209061	E4209161	2x18V	2x75mA	2x100mA
E4209063	E4209163	2x24V	2x56mA	2x80mA

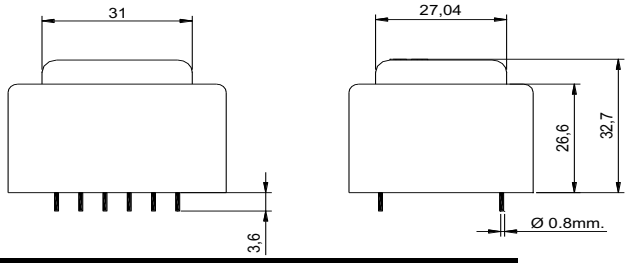


CENTER TAPPED, 2,7VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 40mA/T 115V: 80mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4209085	E4095185	2x4,5V	2x300mA	2x400mA
E4209071	E4209171	2x6V	2x225mA	2x315mA
E4209073	E4209173	2x7,5V	2x180mA	2x250mA
E4209075	E4209175	2x9V	2x150mA	2x200mA
E4209077	E4209177	2x12V	2x112mA	2x160mA
E4209079	E4209179	2x15V	2x90mA	2x125mA
E4209081	E4209181	2x18V	2x75mA	2x100mA
E4209083	E4209183	2x24V	2x56mA	2x80mA

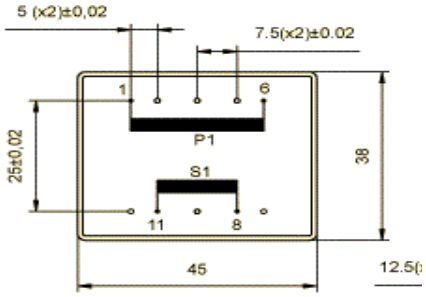


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



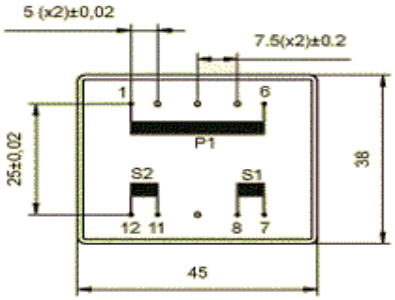
SINGLE SECONDARY, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4209014	E4209114	4,5V	711mA	800mA
E4209000	E4209100	6V	533mA	630mA
E4209002	E4209102	7,5V	427mA	500mA
E4209004	E4209104	9V	356mA	400mA
E4209006	E4209106	12V	267mA	315mA
E4209008	E4209108	15V	213mA	250mA
E4209010	E4209110	18V	178mA	200mA
E4209012	E4209112	24V	133mA	160mA



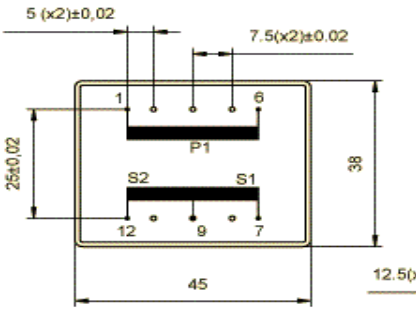
DUAL SECONDARY, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4209015	E4209115	2x4,5V	2x356mA	2x400mA
E4209001	E4209101	2x6V	2x267mA	2x315mA
E4209003	E4209103	2x7,5V	2x213mA	2x250mA
E4209005	E4209105	2x9V	2x178mA	2x200mA
E4209007	E4209107	2x12V	2x133mA	2x160mA
E4209009	E4209109	2x15V	2x107mA	2x125mA
E4209011	E4209111	2x18V	2x89mA	2x100mA
E4209013	E4209113	2x24V	2x67mA	2x80mA



CENTER TAPPED, 3,2VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4095035	E4209135	2x4,5V	2x356mA	2x400mA
E4209021	E4209121	2x6V	2x267mA	2x315mA
E4209023	E4209123	2x7,5V	2x213mA	2x250mA
E4209025	E4209125	2x9V	2x178mA	2x200mA
E4209027	E4209127	2x12V	2x133mA	2x160mA
E4209029	E4209129	2x15V	2x107mA	2x125mA
E4209031	E4209131	2x18V	2x89mA	2x100mA
E4209033	E4209133	2x24V	2x67mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

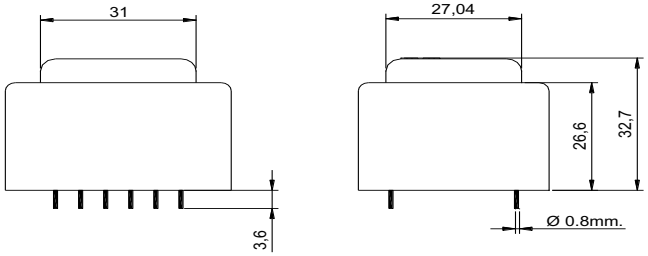
E4215 (EI 42/14,8)

6VA - Ta40ºB

weight - 205gr.

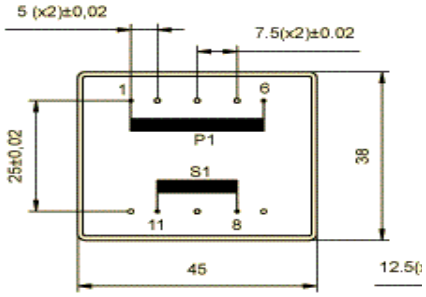
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



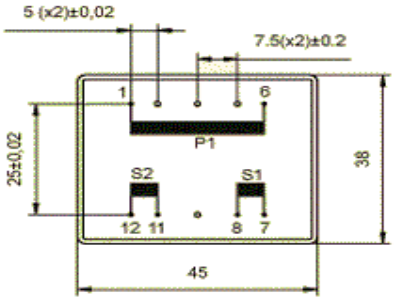
SINGLE SECONDARY, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215014	E4215114	4,5V	1333mA	1600mA
E4215000	E4215100	6V	1000mA	1250mA
E4215002	E4215102	7,5V	800mA	1000mA
E4215004	E4215104	9V	666mA	800mA
E4215006	E4215106	12V	500mA	630mA
E4215008	E4215108	15V	400mA	500mA
E4215010	E4215110	18V	333mA	400mA
E4215012	E4215112	24V	250mA	315mA



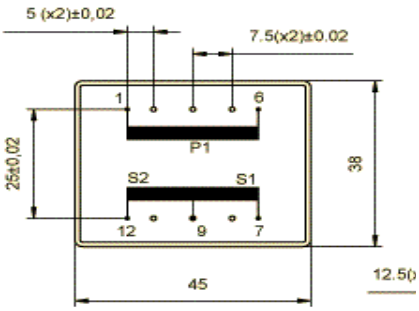
DUAL SECONDARY, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215015	E4215115	2x4,5V	2x666mA	2x800mA
E4215001	E4215101	2x6V	2x500mA	2x630mA
E4215003	E4215103	2x7,5V	2x400mA	2x500mA
E4215005	E4215105	2x9V	2x333mA	2x400mA
E4215007	E4215107	2x12V	2x250mA	2x315mA
E4215009	E4215109	2x15V	2x200mA	2x250mA
E4215011	E4215111	2x18V	2x166mA	2x200mA
E4215013	E4215113	2x24V	2x125mA	2x160mA

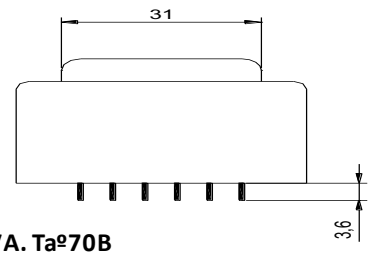


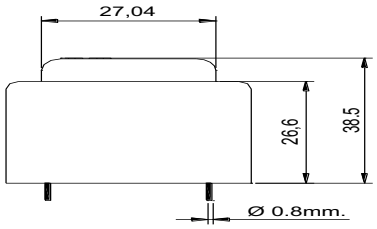
CENTER TAPPED, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215035	E4215135	2x4,5V	2x666mA	2x800mA
E4215021	E4215121	2x6V	2x500mA	2x630mA
E4215023	E4215123	2x7,5V	2x400mA	2x500mA
E4215025	E4215125	2x9V	2x333mA	2x400mA
E4215027	E4215127	2x12V	2x250mA	2x315mA
E4215029	E4215129	2x15V	2x200mA	2x250mA
E4215031	E4215131	2x18V	2x166mA	2x200mA
E4215033	E4215133	2x24V	2x125mA	2x160mA



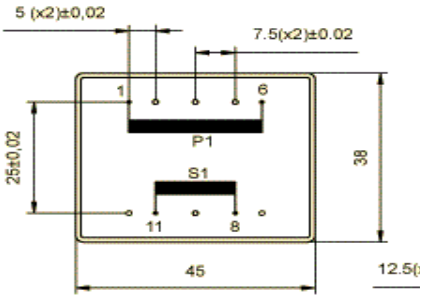
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .





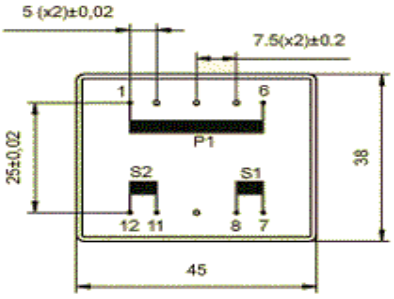
SINGLE SECONDARY, 6,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 40mA/T 115V: 80mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215064	E4215164	4,5V	1400mA	1600mA
E4215050	E4215150	6V	1050mA	1250mA
E4215052	E4215152	7,5V	840mA	1000mA
E4215054	E4215154	9V	700mA	800mA
E4215056	E4215156	12V	525mA	630mA
E4215058	E4215158	15V	420mA	500mA
E4215060	E4215160	18V	350mA	400mA
E4215062	E4215162	24V	262mA	315mA



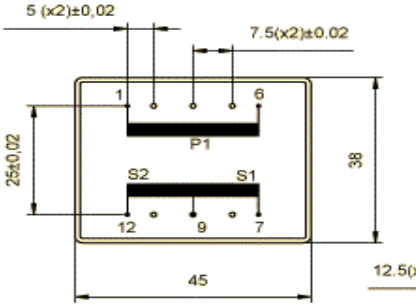
DUAL SECONDARY, 6,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 40mA/T 115V: 80mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215065	E4215165	2x4,5V	2x700mA	2x800mA
E4215051	E4215151	2x6V	2x525mA	2x630mA
E4215053	E4215153	2x7,5V	2x420mA	2x500mA
E4215055	E4215155	2x9V	2x350mA	2x400mA
E4215057	E4215157	2x12V	2x262mA	2x315mA
E4215059	E4215159	2x15V	2x210mA	2x250mA
E4215061	E4215161	2x18V	2x175mA	2x200mA
E4215063	E4215163	2x24V	2x131mA	2x160mA



CENTER TAPPED, 6,3VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 40mA/T 115V: 80mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215085	E4215185	2x4,5V	2x700mA	2x800mA
E4215071	E4215171	2x6V	2x525mA	2x630mA
E4215073	E4215173	2x7,5V	2x420mA	2x500mA
E4215075	E4215175	2x9V	2x350mA	2x400mA
E4215077	E4215177	2x12V	2x262mA	2x315mA
E4215079	E4215179	2x15V	2x210mA	2x250mA
E4215081	E4215181	2x18V	2x175mA	2x200mA
E4215083	E4215183	2x24V	2x131mA	2x160mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

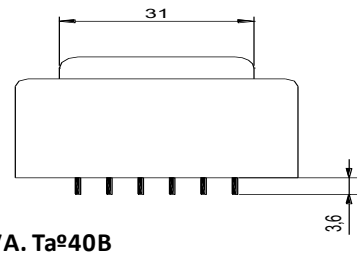
E4220 (EI 42/26,5)

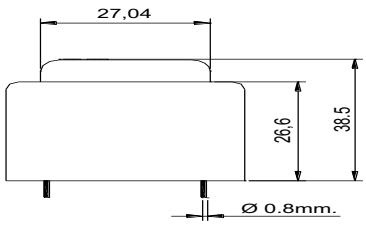
7,5VA - Taº40ºB

weight - 205gr.

ENCAPSULATED TRANSFORMERS

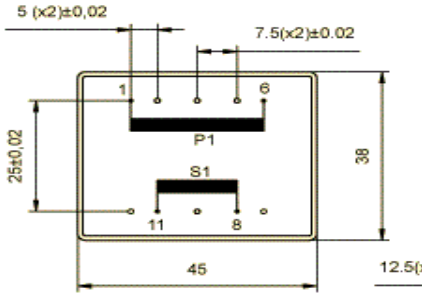
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection





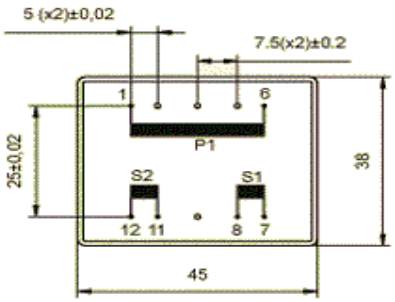
SINGLE SECONDARY, 7,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215014	E4215114	4,5V	1667mA	2000mA
E4215000	E4215100	6V	1250mA	1600mA
E4215002	E4215102	7,5V	1000mA	1250mA
E4215004	E4215104	9V	833mA	1000mA
E4215006	E4215106	12V	625mA	800mA
E4215008	E4215108	15V	500mA	630mA
E4215010	E4215110	18V	417mA	500mA
E4215012	E4215112	24V	312mA	400mA



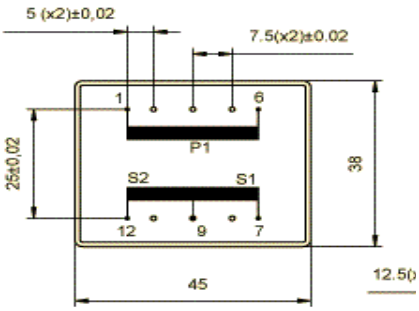
DUAL SECONDARY, 7,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215015	E4215115	2x4,5V	2x833mA	2x1000mA
E4215001	E4215101	2x6V	2x625mA	2x800mA
E4215003	E4215103	2x7,5V	2x500mA	2x630mA
E4215005	E4215105	2x9V	2x417mA	2x500mA
E4215007	E4215107	2x12V	2x312mA	2x400mA
E4215009	E4215109	2x15V	2x250mA	2x315mA
E4215011	E4215111	2x18V	2x208mA	2x250mA
E4215013	E4215113	2x24V	2x156mA	2x200mA



CENTER TAPPED, 7,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4215035	E4215135	2x4,5V	2x833mA	2x1000mA
E4215021	E4215121	2x6V	2x625mA	2x800mA
E4215023	E4215123	2x7,5V	2x500mA	2x630mA
E4215025	E4215125	2x9V	2x417mA	2x500mA
E4215027	E4215127	2x12V	2x312mA	2x400mA
E4215029	E4215129	2x15V	2x250mA	2x315mA
E4215031	E4215131	2x18V	2x208mA	2x250mA
E4215033	E4215133	2x24V	2x156mA	2x200mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E4817 (EI 48/16,8)

10VA - Ta40ºB

weight - 290gr.

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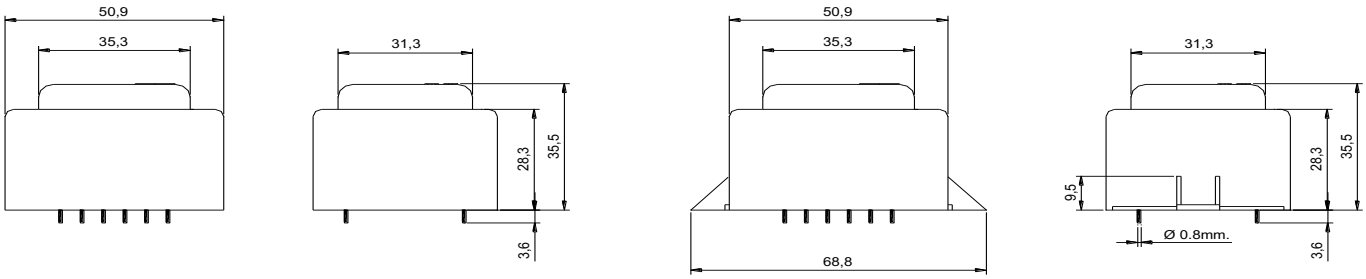
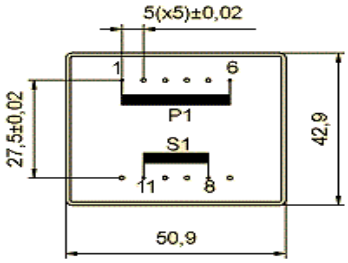
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



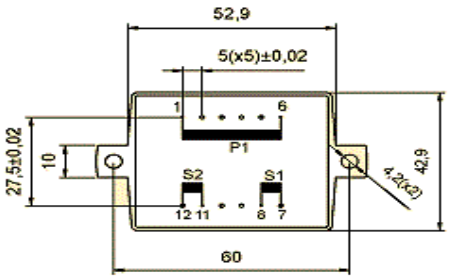
SINGLE SECONDARY, 10VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E4817014	E4817114	E4817514	E4817614	4,5V	2222mA	2500mA
E4817000	E4817100	E4817500	E4817600	6V	1666mA	2000mA
E4817002	E4817102	E4817502	E4817602	7,5V	1333mA	1600mA
E4817004	E4817104	E4817504	E4817604	9V	1111mA	1250mA
E4817006	E4817106	E4817506	E4817606	12V	833mA	1000mA
E4817008	E4817108	E4817508	E4817608	15V	666mA	800mA
E4817010	E4817110	E4817510	E4817610	18V	555mA	630mA
E4817012	E4817112	E4817512	E4817612	24V	416mA	500mA



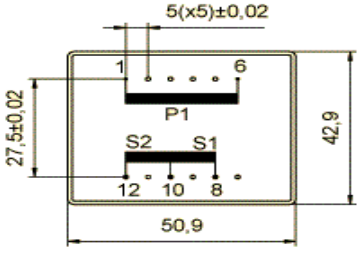
DUAL SECONDARY, 10VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E4817015	E4817115	E4817515	E4817615	2x4,5V	2x1111mA	2x1250mA
E4817001	E4817101	E4817501	E4817601	2x6V	2x833mA	2x1000mA
E4817003	E4817103	E4817503	E4817603	2x7,5V	2x666mA	2x800mA
E4817005	E4817105	E4817505	E4817605	2x9V	2x555mA	2x630mA
E4817007	E4817107	E4817507	E4817607	2x12V	2x416mA	2x500mA
E4817009	E4817109	E4817509	E4817609	2x15V	2x333mA	2x400mA
E4817011	E4817111	E4817511	E4817611	2x18V	2x277mA	2x315mA
E4817013	E4817113	E4817513	E4817613	2x24V	2x208mA	2x250mA



CENTER TAPPED, 10VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E4817035	E4817135	E4817535	E4817635	2x4,5V	2x1111mA	2x1250mA
E4817021	E4817121	E4817521	E4817621	2x6V	2x833mA	2x1000mA
E4817023	E4817123	E4817523	E4817623	2x7,5V	2x666mA	2x800mA
E4817025	E4817125	E4817525	E4817625	2x9V	2x555mA	2x630mA
E4817027	E4817127	E4817527	E4817627	2x12V	2x416mA	2x500mA
E4817029	E4817129	E4817529	E4817629	2x15V	2x333mA	2x400mA
E4817031	E4817131	E4817531	E4817631	2x18V	2x277mA	2x315mA
E4817033	E4817133	E4817533	E4817633	2x24V	2x208mA	2x250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E4817 (EI 48/16,8)

8VA - Ta70ºB

weight - 290gr.

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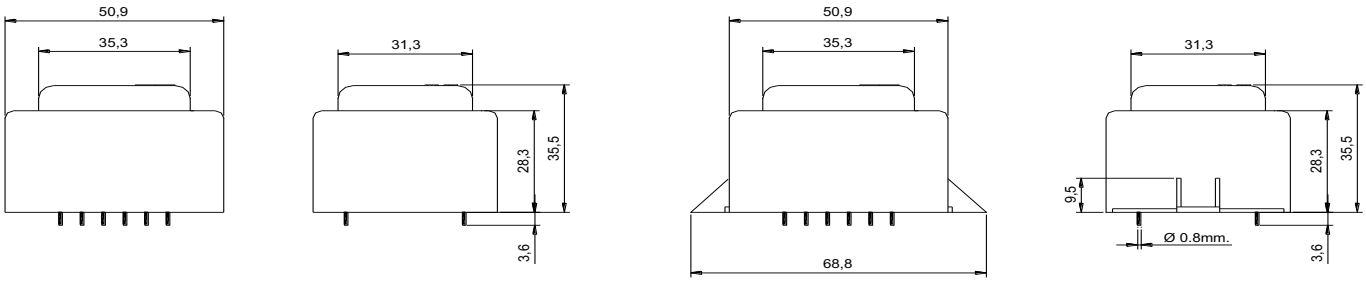
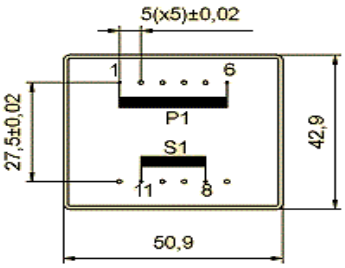
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



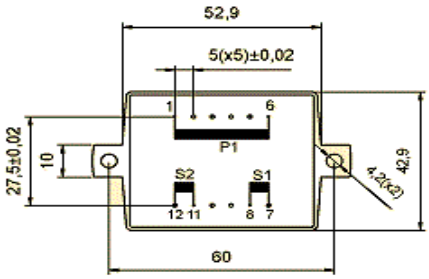
SINGLE SECONDARY, 8VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4817064	E4817164	E4817564	E4817664	4,5V	1777mA	2500mA
E4817050	E4817150	E4817550	E4817650	6V	1333mA	2000mA
E4817052	E4817152	E4817552	E4817652	7,5V	1066mA	1600mA
E4817054	E4817154	E4817554	E4817654	9V	888mA	1250mA
E4817056	E4817156	E4817556	E4817656	12V	666mA	1000mA
E4817058	E4817158	E4817558	E4817658	15V	533mA	800mA
E4817060	E4817160	E4817560	E4817660	18V	444mA	630mA
E4817062	E4817162	E4817562	E4817662	24V	333mA	500mA



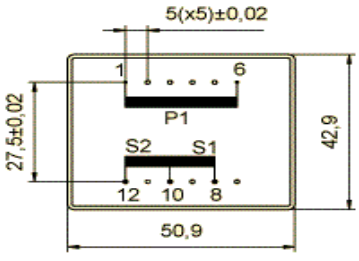
DUAL SECONDARY, 8VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4817065	E4817165	E4817565	E4817665	2x4,5V	2x888mA	2x1000mA
E4817051	E4817151	E4817551	E4817651	2x6V	2x666mA	2x800mA
E4817053	E4817153	E4817553	E4817653	2x7,5V	2x533mA	2x630mA
E4817055	E4817155	E4817555	E4817655	2x9V	2x444mA	2x500mA
E4817057	E4817157	E4817557	E4817657	2x12V	2x333mA	2x400mA
E4817059	E4817159	E4817559	E4817659	2x15V	2x266mA	2x315mA
E4817061	E4817161	E4817561	E4817661	2x18V	2x222mA	2x250mA
E4817063	E4817163	E4817563*	E4817663	2x24V	2x166mA	2x200mA

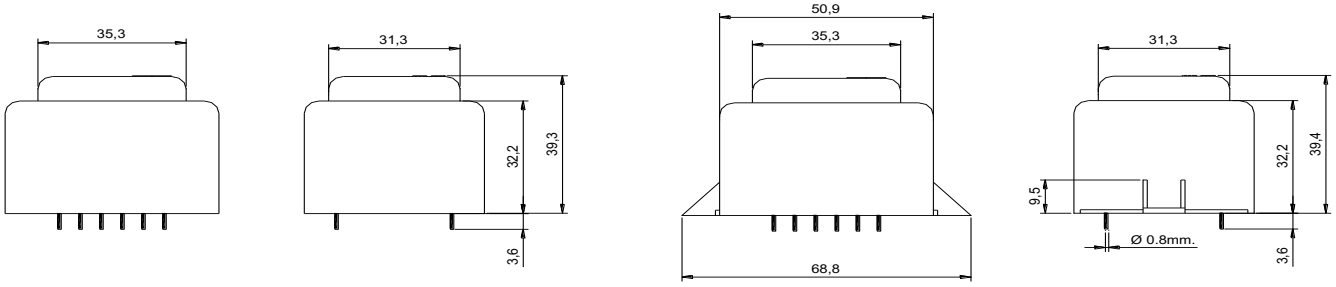


CENTER TAPPED, 8VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4817085	E4817185	E4817585	E4817685	2x4,5V	2x888mA	2x1000mA
E4817071	E4817171	E4817571	E4817671	2x6V	2x666mA	2x800mA
E4817073	E4817173	E4817573	E4817673	2x7,5V	2x533mA	2x630mA
E4817075	E4817175	E4817575	E4817675	2x9V	2x444mA	2x500mA
E4817077	E4817177	E4817577	E4817677	2x12V	2x333mA	2x400mA
E4817079	E4817179	E4817579	E4817679	2x15V	2x266mA	2x315mA
E4817081	E4817181	E4817581	E4817681	2x18V	2x222mA	2x250mA
E4817083	E4817183	E4817583*	E4817683	2x24V	2x166mA	2x200mA

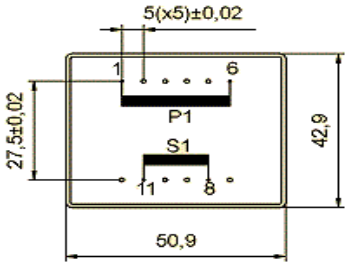


VDE certification: Vin 230V - Vout 4,5...36V or 2x4,5V...2x18V models aproved. File 40044902



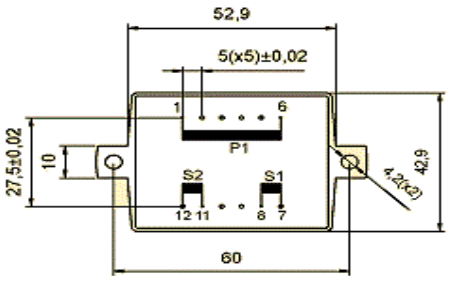
SINGLE SECONDARY, 10VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4821064	E4821164	E4821564	E4821664	4,5V	2222mA	2500mA
E4821050	E4821150	E4821550	E4821650	6V	1666mA	2000mA
E4821052	E4821152	E4821552	E4821652	7,5V	1333mA	1600mA
E4821054	E4821154	E4821554	E4821654	9V	1111mA	1250mA
E4821056	E4821156	E4821556	E4821656	12V	833mA	1000mA
E4821058	E4821158	E4821558	E4821658	15V	666mA	800mA
E4821060	E4821160	E4821560	E4821660	18V	555mA	630mA
E4821062	E4821162	E4821562	E4821662	24V	416mA	500mA



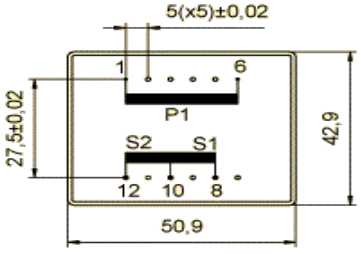
DUAL SECONDARY, 10VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4821065	E4821165	E4821565	E4821665	2x4,5V	2x1111mA	2x1250mA
E4821051	E4821151	E4821551	E4821651	2x6V	2x833mA	2x1000mA
E4821053	E4821153	E4821553	E4821653	2x7,5V	2x666mA	2x800mA
E4821055	E4821155	E4821555	E4821655	2x9V	2x555mA	2x630mA
E4821007	E4821157	E4821557	E4821657	2x12V	2x416mA	2x500mA
E4821009	E4821159	E4821559	E4821659	2x15V	2x333mA	2x400mA
E4821061	E4821161	E4821561	E4821661	2x18V	2x277mA	2x315mA
E4821063	E4821163	E4821563	E4821663	2x24V	2x208mA	2x250mA



CENTER TAPPED, 10VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4821085	E4821185	E4821585	E4821685	2x4,5V	2x1111mA	2x1250mA
E4821071	E4821171	E4821571	E4821671	2x6V	2x833mA	2x1000mA
E4821073	E4821173	E4821573	E4821673	2x7,5V	2x666mA	2x800mA
E4821075	E4821175	E4821575	E4821675	2x9V	2x555mA	2x630mA
E4821077	E4821177	E4821577	E4821677	2x12V	2x416mA	2x500mA
E4821079	E4821179	E4821579	E4821679	2x15V	2x333mA	2x400mA
E4821081	E4821181	E4821581	E4821681	2x18V	2x277mA	2x315mA
E4821083	E4821183	E4821583	E4821683	2x24V	2x208mA	2x250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E4821 (EI 48/20,5)

12VA - Ta40ºB

weight - 345gr.

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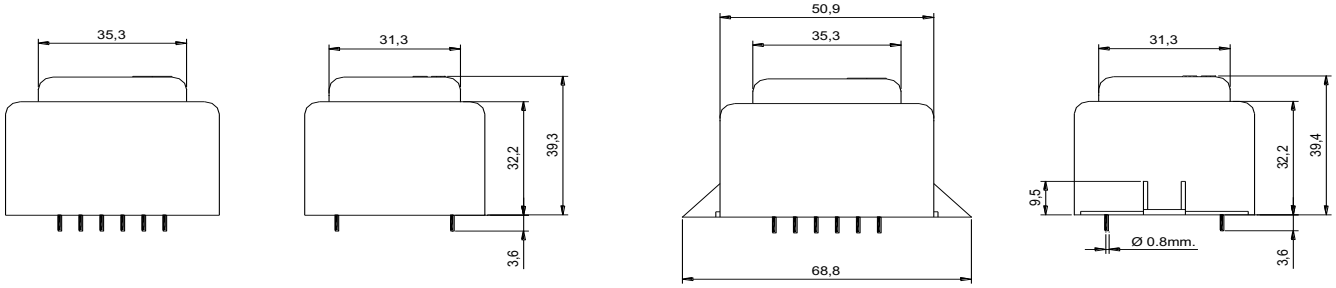
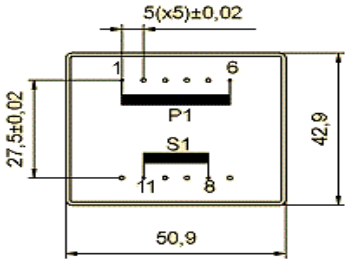
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



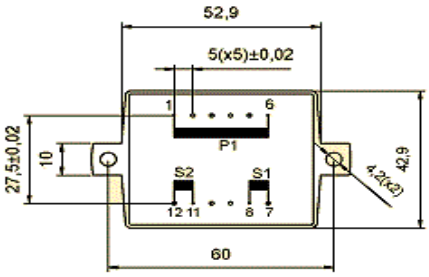
SINGLE SECONDARY, 12VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4821014	E4821114	E4821514	E4821614	4,5V	2666mA	2500mA
E4821000	E4821100	E4821500	E4821600	6V	2000mA	2000mA
E4821002	E4821102	E4821502	E4821602	7,5V	1600mA	1600mA
E4821004	E4821104	E4821504	E4821604	9V	1333mA	1250mA
E4821006	E4821106	E4821506	E4821606	12V	1000mA	1000mA
E4821008	E4821108	E4821508	E4821608	15V	800mA	800mA
E4821010	E4821110	E4821510	E4821610	18V	666mA	630mA
E4821012	E4821112	E4821512	E4821612	24V	500mA	500mA



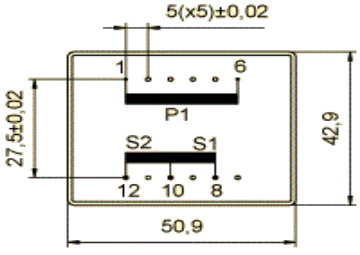
DUAL SECONDARY, 12VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4821015	E4821115	E4821515	E4821615	2x4,5V	2x1333mA	2x1600mA
E4821001	E4821101	E4821501	E4821601	2x6V	2x1000mA	2x1250mA
E4821003	E4821103	E4821503	E4821603	2x7,5V	2x800mA	2x1000mA
E4821005	E4821105	E4821505	E4821605	2x9V	2x666mA	2x800mA
E4821007	E4821107	E4821507	E4821607	2x12V	2x500mA	2x630mA
E4821009	E4821109	E4821509	E4821609	2x15V	2x400mA	2x500mA
E4821011	E4821111	E4821511	E4821611	2x18V	2x333mA	2x400mA
E4821013	E4821113	E4821513	E4821613	2x24V	2x250mA	2x315mA



CENTER TAPPED, 12VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E4821035	E4821135	E4821535	E4821635	2x4,5V	2x1333mA	2x1600mA
E4821021	E4821121	E4821521	E4821621	2x6V	2x1000mA	2x1250mA
E4821023	E4821123	E4821523	E4821623	2x7,5V	2x800mA	2x1000mA
E4821025	E4821125	E4821525	E4821625	2x9V	2x666mA	2x800mA
E4821027	E4821127	E4821527	E4821627	2x12V	2x500mA	2x630mA
E4821029	E4821129	E4821529	E4821629	2x15V	2x400mA	2x500mA
E4821031	E4821131	E4821531	E4821631	2x18V	2x333mA	2x400mA
E4821033	E4821133	E4821533	E4821633	2x24V	2x250mA	2x315mA



VDE certification: Vin 230V - Vout 4,5...36V or 2x4,5V...2x18V models aproved. File 40042543

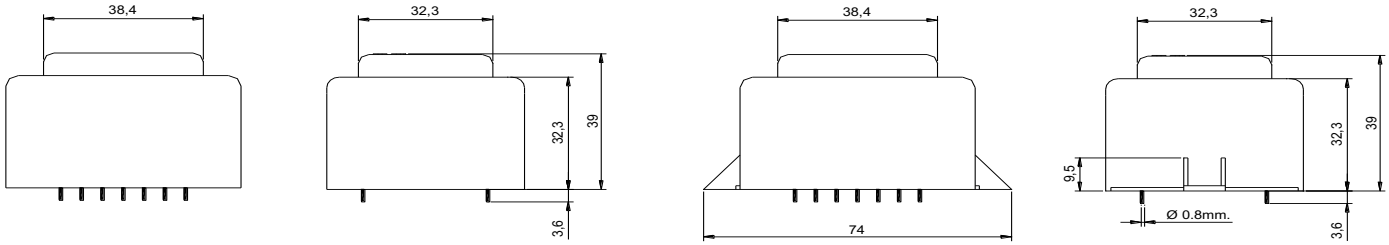
E5419 (EI 54/18,8)

13VA - Ta70ºB

weight - 420gr.

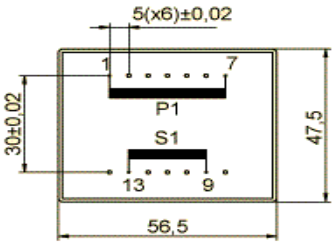
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



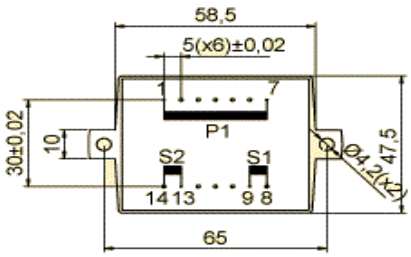
SINGLE SECONDARY, 13VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E5419064	E5419164	E5419564	E5419614	4,5V	2888mA	3150mA
E5419050	E5419150	E5419560	E5419650	6V	2166mA	2500mA
E5419052	E5419152	E5419552	E5419652	7,5V	1733mA	2000mA
E5419054	E5419154	E5419554	E5419654	9V	1444mA	1600mA
E5419056	E5419156	E5419556	E5419656	12V	1083mA	1250mA
E5419058	E5419158	E5419558	E5419658	15V	866mA	1000mA
E5419060	E5419160	E5419560	E5419660	18V	722mA	800mA
E5419052	E5419162	E5419562	E5419662	24V	541mA	630mA



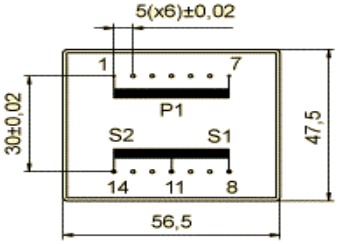
DUAL SECONDARY, 13VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E5419065	E5419165	E5419565	E5419665	2x4,5V	2x1444mA	2x1600mA
E5419051	E5419151	E5419551	E5419651	2x6V	2x1083mA	2x1250mA
E5419053	E5419153	E5419553	E5419653	2x7,5V	2x866mA	2x1000mA
E5419055	E5419155	E5419555	E5419655	2x9V	2x722mA	2x800mA
E5419057	E5419157	E5419557	E5419657	2x12V	2x541mA	2x630mA
E5419059	E5419159	E5419559	E5419659	2x15V	2x433mA	2x500mA
E5419061	E5419161	E5419561	E5419661	2x18V	2x361mA	2x400mA
E5419063	E5419163	E5419563	E5419663	2x24V	2x270mA	2x315mA



CENTER TAPPED, 13VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E5419085	E5419185	E5419585	E5419685	2x4,5V	2x1444mA	2x1600mA
E5419571	E5419171	E5419571	E5419671	2x6V	2x1083mA	2x1250mA
E5419073	E5419173	E5419573	E5419673	2x7,5V	2x866mA	2x1000mA
E5419075	E54191275	E5419575	E5419675	2x9V	2x722mA	2x800mA
E5419077	E5419177	E5419577	E5419677	2x12V	2x541mA	2x630mA
E5419079	E5419179	E5419579	E5419679	2x15V	2x433mA	2x500mA
E5419081	E5419181	E5419581	E5419681	2x18V	2x361mA	2x400mA
E5419083	E5419183	E5419583	E5419683	2x24V	2x270mA	2x315mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

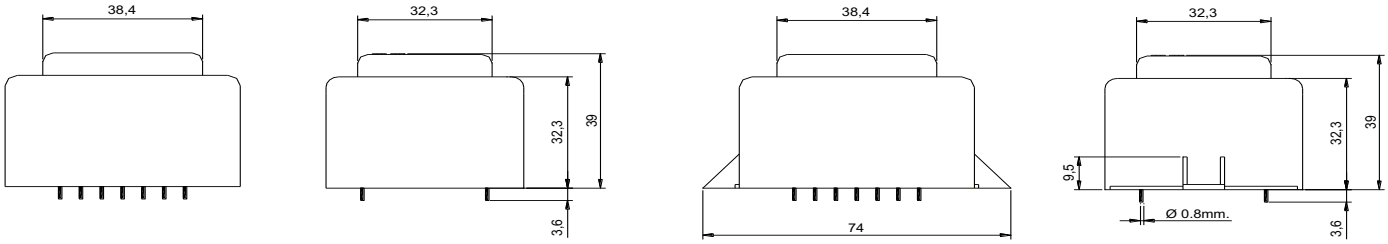
E5419 (EI 54/18,8)

16VA - Ta40ºB

weight - 420gr.

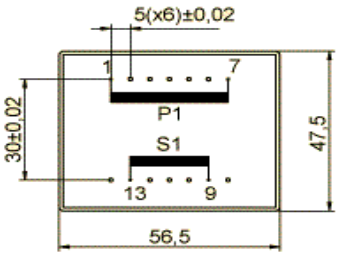
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



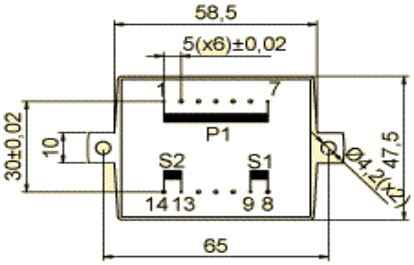
SINGLE SECONDARY, 16VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 100mA/T 115V: 200mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E5419014	E5419114	E5419514	E5419614	4,5V	3555mA	4000mA
E5419000	E5419100	E5419500	E5419600	6V	2666mA	3150mA
E5419002	E5419102	E5419502	E5419602	7,5V	2133mA	2500mA
E5419004	E5419104	E5419504	E5419604	9V	1777mA	2000mA
E5419006	E5419106	E5419506	E5419606	12V	1333mA	1600mA
E5419008	E5419108	E5419508	E5419608	15V	1066mA	1250mA
E5419010	E5419110	E5419510	E5419610	18V	888mA	1000mA
E5419012	E5419112	E5419512	E5419612	24V	666mA	800mA



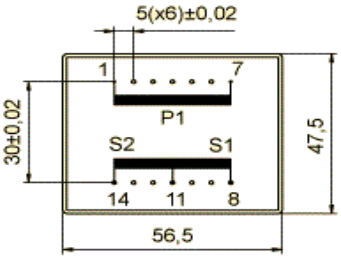
DUAL SECONDARY, 16VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 100mA/T 115V: 200mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E5419015	E5419115	E5419515	E5419615	2x4,5V	2x1777mA	2x2000mA
E5419001	E5419101	E5419501	E5419601	2x6V	2x1333mA	2x1600mA
E5419003	E5419103	E5419503	E5419603	2x7,5V	2x1066mA	2x1250mA
E5419005	E5419105	E5419505	E5419605	2x9V	2x888mA	2x1000mA
E5419007	E5419107	E5419507	E5419607	2x12V	2x666mA	2x800mA
E5419009	E5419109	E5419509	E5419609	2x15V	2x533mA	2x630mA
E5419011	E5419111	E5419511	E5419611	2x18V	2x444mA	2x500mA
E5419013	E5419113	E5419513*	E5419613	2x24V	2x333mA	2x400mA

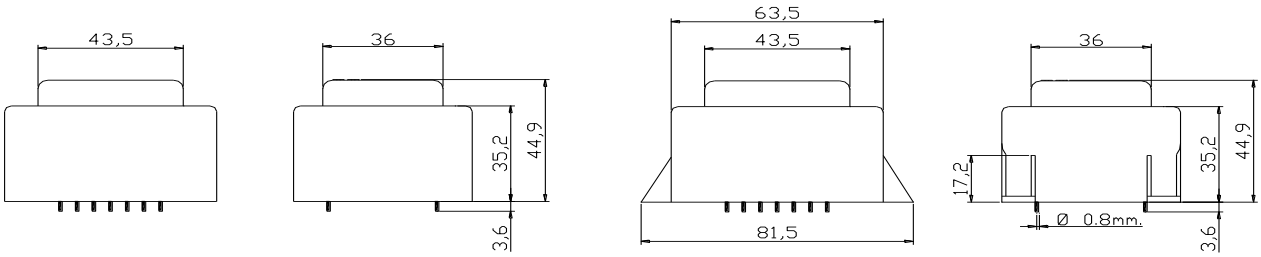


CENTER TAPPED, 16VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,25 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 100mA/T 115V: 200mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E5419035	E5419135	E5419535	E5419635	2x4,5V	2x1777mA	2x2000mA
E5419021	E5419121	E5419521	E5419621	2x6V	2x1333mA	2x1600mA
E5419023	E5419123	E5419523	E5419623	2x7,5V	2x1066mA	2x1250mA
E5419025	E5419125	E5419525	E5419625	2x9V	2x888mA	2x1000mA
E5419027	E5419127	E5419527	E5419627	2x12V	2x666mA	2x800mA
E5419029	E5419129	E5419529	E5419629	2x15V	2x533mA	2x630mA
E5419031	E5419131	E5419531	E5419631	2x18V	2x444mA	2x500mA
E5419033	E5419133	E5419533*	E5419633	2x24V	2x333mA	2x400mA

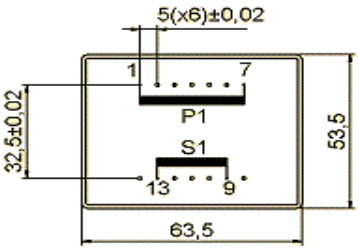


ENEC + VDE certification: Vin 230V - Vout 4,5...36V or 2x4,5V...2x18V models aproved. File 40044901



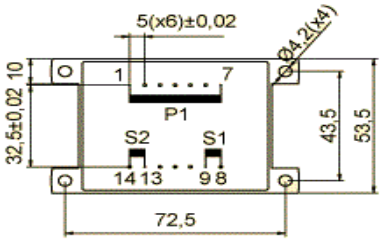
SINGLE SECONDARY, 20VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 125mA/T 115V: 250mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6021064	E6021164	E6021564	E6021664	4,5V	4444mA	5000mA
E6021050	E6021150	E6021550	E6021650	6V	3333mA	4000mA
E6021052	E6021152	E6021552	E6021652	7,5V	2666mA	3150mA
E6021054	E6021154	E6021554	E6021654	9V	2222mA	2500mA
E6021056	E6021156	E6021556	E6021656	12V	1666mA	2000mA
E6021058	E6021158	E6021558	E6021658	15V	1333mA	1600mA
E6021060	E6021160	E6021560	E6021660	18V	1111mA	1250mA
E6021062	E6021162	E6021562	E6021662	24V	833mA	1000mA



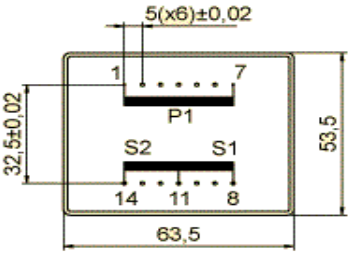
DUAL SECONDARY, 20VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 125mA/T 115V: 250mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6021065	E6021165	E6021565	E6021665	2x4,5V	2x2222mA	2x2500mA
E6021051	E6021151	E6021551	E6021651	2x6V	2x1666mA	2x2000mA
E6021053	E6021153	E6021553	E6021653	2x7,5V	2x1333mA	2x1600mA
E6021055	E6021155	E6021555	E6021655	2x9V	2x1111mA	2x1250mA
E6021057	E6021157	E6021557	E6021657	2x12V	2x833mA	2x1000mA
E6021059	E6021159	E6021559	E6021659	2x15V	2x666mA	2x800mA
E6021061	E6021161	E6021561	E6021661	2x18V	2x555mA	2x630mA
E6021063	E6021163	E6021563	E6021663	2x24V	2x416mA	2x500mA

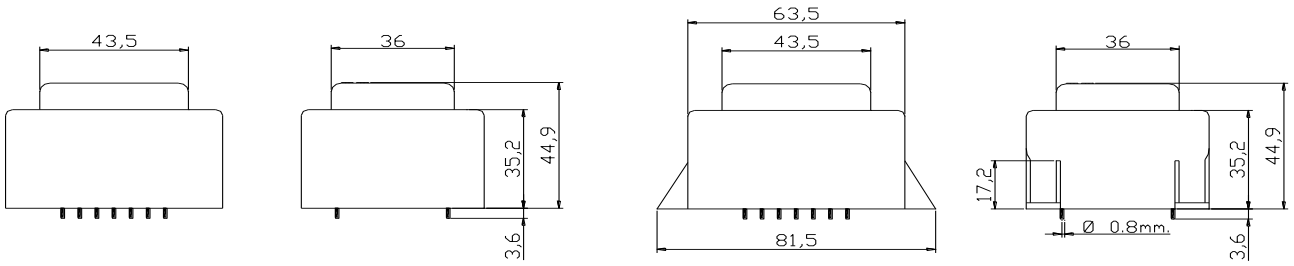


CENTER TAPPED, 20VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 125mA/T 115V: 250mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6021085	E6021185	E6021585	E6021685	2x4,5V	2x2222mA	2x2500mA
E6021071	E6021171	E6021571	E6021671	2x6V	2x1666mA	2x2000mA
E6021073	E6021173	E6021573	E6021673	2x7,5V	2x1333mA	2x1600mA
E6021075	E6021175	E6021575	E6021675	2x9V	2x1111mA	2x1250mA
E6021077	E6021177	E6021577	E6021677	2x12V	2x833mA	2x1000mA
E6021079	E6021179	E6021579	E6021679	2x15V	2x666mA	2x800mA
E6021081	E6021181	E6021581	E6021681	2x18V	2x555mA	2x630mA
E6021083*	E6021183	E6021583*	E6021683*	2x24V	2x416mA	2x500mA

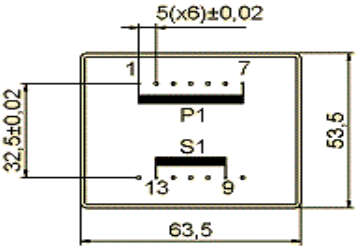


VDE certification: Vin 230V - Vout 4,5...36V or 2x4,5V...2x18V models aproved. File 40044900



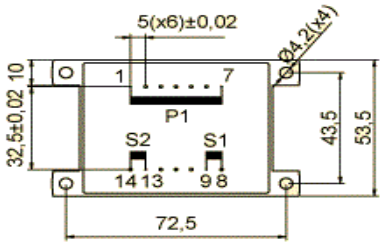
SINGLE SECONDARY, 25VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6021014	E6021114	E6021514	E6021614	4,5V	5555mA	6000mA
E6021000	E6021100	E6021500	E6021600	6V	4166mA	5000mA
E6021002	E6021102	E6021502	E6021602	7,5V	3333mA	4000mA
E6021004	E6021104	E6021504	E6021604	9V	2777mA	3150mA
E6021006	E6021106	E6021506	E6021606	12V	2083mA	2500mA
E6021008	E6021108	E6021508	E6021608	15V	1666mA	2000mA
E6021010	E6021110	E6021510	E6021610	18V	1388mA	1600mA
E6021012	E6021112	E6021512	E6021612	24V	1041mA	1250mA



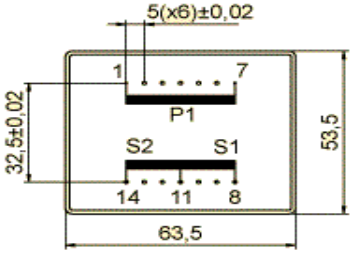
DUAL SECONDARY, 25VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6021015	E6021115	E6021515	E6021615	2x4,5V	2x2777mA	2x3150mA
E6021001	E6021101	E6021501	E6021601	2x6V	2x2083mA	2x2500mA
E6021003	E6021103	E6021503	E6021603	2x7,5V	2x1666mA	2x2000mA
E6021005	E6021105	E6021505	E6021605	2x9V	2x1388mA	2x1600mA
E6021007	E6021107	E6021507	E6021607	2x12V	2x1041mA	2x1250mA
E6021009	E6021109	E6021509	E6021609	2x15V	2x833mA	2x1000mA
E6021011	E6021111	E6021511	E6021611	2x18V	2x694mA	2x800mA
E6021013	E6021113	E6021513	E6021613	2x24V	2x520mA	2x630mA

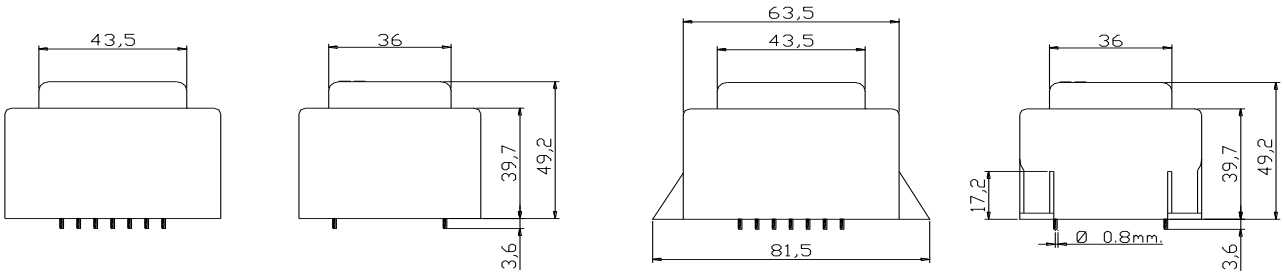


CENTER TAPPED, 25VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6021035	E6021135	E6021535	E6021635	2x4,5V	2x2777mA	2x3150mA
E6021021	E6021121	E6021521	E6021621	2x6V	2x2083mA	2x2500mA
E6021023	E6021123	E6021523	E6021623	2x7,5V	2x1666mA	2x2000mA
E6021025	E6021125	E6021525	E6021625	2x9V	2x1388mA	2x1600mA
E6021027	E6021127	E6021527	E6021627	2x12V	2x1041mA	2x1250mA
E6021029	E6021129	E6021529	E6021629	2x15V	2x833mA	2x1000mA
E6021031	E6021131	E6021531	E6021631	2x18V	2x694mA	2x800mA
E6021033	E6021133	E6021533	E6021633	2x24V	2x520mA	2x630mA

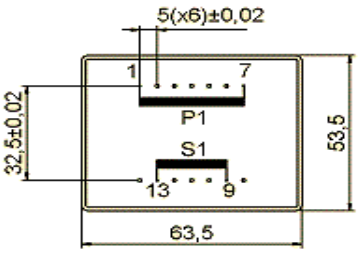


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



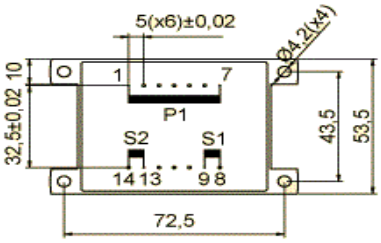
SINGLE SECONDARY, 24VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6026064	E6026164	E6026564	E6026664	4,5V	5333mA	6000mA
E6026050	E6026150	E6026550	E6026650	6V	4000mA	5000mA
E6026052	E6026152	E6026552	E6026652	7,5V	3200mA	4000mA
E6026054	E6026154	E6026554	E6026654	9V	2666mA	3150mA
E6026056	E6026156	E6026556	E6026656	12V	2000mA	2500mA
E6026058	E6026158	E6026558	E6026658	15V	1600mA	2000mA
E6026060	E6026160	E6026560	E6026660	18V	1333mA	1600mA
E6026062	E6026162	E6026562	E6026662	24V	1000mA	1250mA



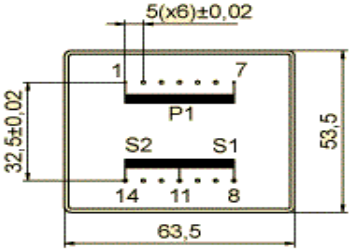
DUAL SECONDARY, 24VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6026065	E6026165	E6026565	E6026665	2x4,5V	2x2666mA	2x3150mA
E6026051	E6026151	E6026551	E6026651	2x6V	2x2000mA	2x2500mA
E6026053	E6026153	E6026553	E6026653	2x7,5V	2x1600mA	2x2000mA
E6026055	E6026155	E6026555	E6026655	2x9V	2x1333mA	2x1600mA
E6026057	E6026157	E6026557	E6026657	2x12V	2x1000mA	2x1250mA
E6026059	E6026159	E6026559	E6026659	2x15V	2x800mA	2x1000mA
E6026061	E6026161	E6026561	E6026661	2x18V	2x666mA	2x800mA
E6026063	E6026163	E6026563	E6026663	2x24V	2x500mA	2x630mA



CENTER TAPPED, 24VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6026085	E6026185	E6026585	E6026685	2x4,5V	2x2666mA	2x3150mA
E6026071	E6026171	E6026571	E6026671	2x6V	2x2000mA	2x2500mA
E6026073	E6026173	E6026573	E6026673	2x7,5V	2x1600mA	2x2000mA
E6026075	E6026175	E6026575	E6026675	2x9V	2x1333mA	2x1600mA
E6026077	E6026177	E6026577	E6026677	2x12V	2x1000mA	2x1250mA
E6026079	E6026179	E6026579	E6026679	2x15V	2x800mA	2x1000mA
E6026081	E6026181	E6026581	E6026681	2x18V	2x666mA	2x800mA
E6026083	E6026183	E6026583	E6026683	2x24V	2x500mA	2x630mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

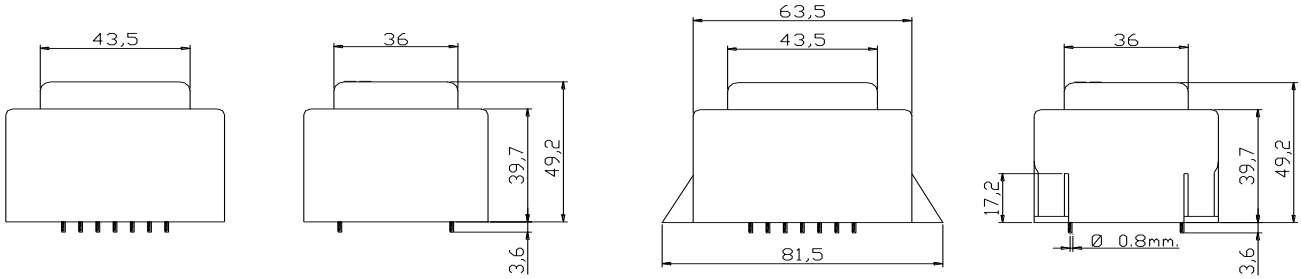
E6026 (EI 60/25,5)

30VA - Taº40B

weight - 675gr.

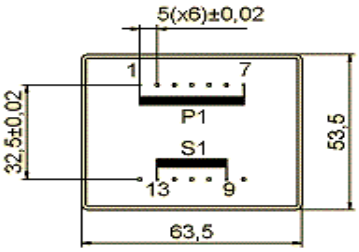
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



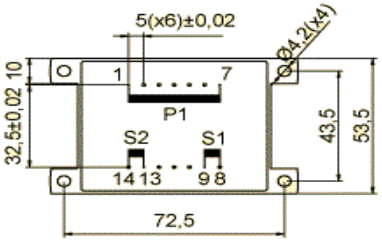
SINGLE SECONDARY, 30VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6026014	E6026114	E6026514	E6026614	4,5V	6666mA	8000mA
E6026000	E6026100	E6026500	E6026600	6V	5000mA	6000mA
E6026002	E6026102	E6026502	E6026602	7,5V	4000mA	5000mA
E6026004	E6026104	E6026504	E6026604	9V	3333mA	3150mA
E6026006	E6026106	E6026506	E6026606	12V	2500mA	3000mA
E6026008	E6026108	E6026508	E6026608	15V	2000mA	2500mA
E6026010	E6026110	E6026510	E6026610	18V	1666mA	2000mA
E6026012	E6026112	E6026512	E6026612	24V	1250mA	1600mA



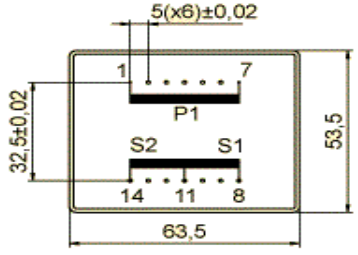
DUAL SECONDARY, 30VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6026015	E6026115	E6026515	E6026615	2x4,5V	2x3333mA	2x4000mA
E6026001	E6026101	E6026501	E6026601	2x6V	2x2500mA	2x3150mA
E6026003	E6026103	E6026503	E6026603	2x7,5V	2x2000mA	2x2500mA
E6026005	E6026105	E6026505	E6026605	2x9V	2x1666mA	2x2000mA
E6026007	E6026107	E6026507	E6026607	2x12V	2x1250mA	2x1600mA
E6026009	E6026109	E6026509	E6026609	2x15V	2x1000mA	2x1250mA
E6026011	E6026111	E6026511	E6026611	2x18V	2x833mA	2x1000mA
E6026013	E6026113	E6026513	E6026613	2x24V	2x625mA	2x800mA



CENTER TAPPED, 30VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6026035	E6026135	E6026535	E6026635	2x4,5V	2x3333mA	2x4000mA
E6026021	E6026121	E6026521	E6026621	2x6V	2x2500mA	2x3150mA
E6026023	E6026123	E6026523	E6026623	2x7,5V	2x2000mA	2x2500mA
E6026025	E6026125	E6026525	E6026625	2x9V	2x1666mA	2x2000mA
E6026027	E6026127	E6026527	E6026627	2x12V	2x1250mA	2x1600mA
E6026029	E6026129	E6026529	E6026629	2x15V	2x1000mA	2x1250mA
E6026031	E6026131	E6026531	E6026631	2x18V	2x833mA	2x1000mA
E6026033	E6026133	E6026533	E6026633	2x24V	2x625mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

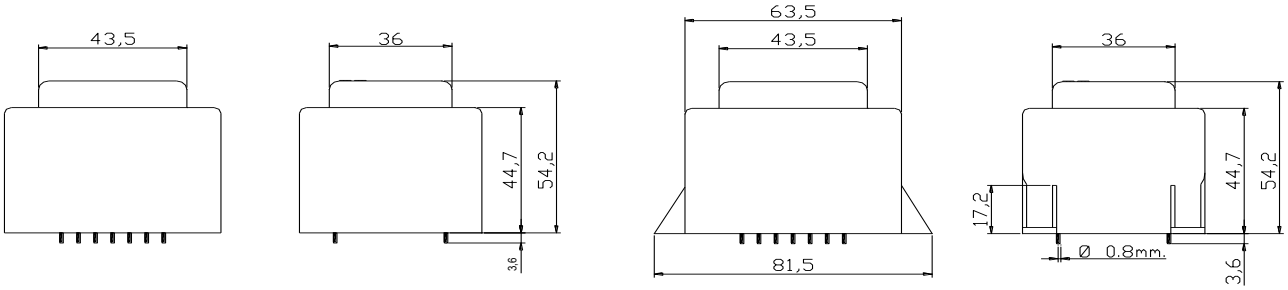
E6031 (EI 60/30,5)

30VA - Ta70ºB

weight - 775gr.

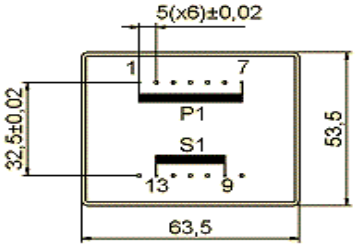
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



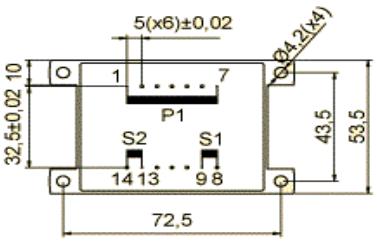
SINGLE SECONDARY, 30VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6031064	E6031164	E6031564	E6031664	4,5V	6666mA	8000mA
E6031050	E6031150	E6031550	E6031650	6V	5000mA	6000mA
E6031052	E6031152	E6031552	E6031652	7,5V	4000mA	5000mA
E6031054	E6031154	E6031554	E6031654	9V	3333mA	3150mA
E6031056	E6031156	E6031556	E6031656	12V	2500mA	3000mA
E6031058	E6031158	E6031558	E6031658	15V	2000mA	2500mA
E6031060	E6031160	E6031560	E6031660	18V	1666mA	2000mA
E6031062	E6031162	E6031562	E6031662	24V	1250mA	1600mA



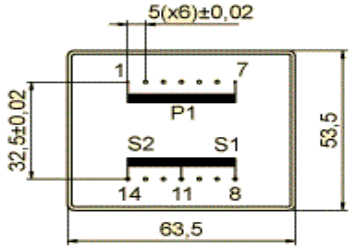
DUAL SECONDARY, 30VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6031065	E6031165	E6031565	E6031665	2x4,5V	2x3333mA	2x4000mA
E6031051	E6031151	E6031551	E6031651	2x6V	2x2500mA	2x3150mA
E6031053	E6031153	E6031553	E6031653	2x7,5V	2x2000mA	2x2500mA
E6031055	E6031155	E6031555	E6031655	2x9V	2x1666mA	2x2000mA
E6031057	E6031157	E6031557	E6031657	2x12V	2x1250mA	2x1600mA
E6031059	E6031159	E6031559	E6031659	2x15V	2x1000mA	2x1250mA
E6031061	E6031161	E6031561	E6031661	2x18V	2x833mA	2x1000mA
E6031063	E6031163	E6031563	E6031663	2x24V	2x625mA	2x800mA



CENTER TAPPED, 30VA. Taº70B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6031085	E6031185	E6031585	E6031685	2x4,5V	2x3333mA	2x4000mA
E6031071	E6031171	E6031571	E6031671	2x6V	2x2500mA	2x3150mA
E6031073	E6031173	E6031573	E6031673	2x7,5V	2x2000mA	2x2500mA
E6031075	E6031175	E6031575	E6031675	2x9V	2x1666mA	2x2000mA
E6031077	E6031177	E6031577	E6031677	2x12V	2x1250mA	2x1600mA
E6031079	E6031179	E6031579	E6031679	2x15V	2x1000mA	2x1250mA
E6031081	E6031181	E6031581	E6031681	2x18V	2x833mA	2x1000mA
E6031083	E6031183	E6031583	E6031833	2x24V	2x625mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E6031 (EI 60/30,5)

35VA - Taº40ºB

weight - 775gr.

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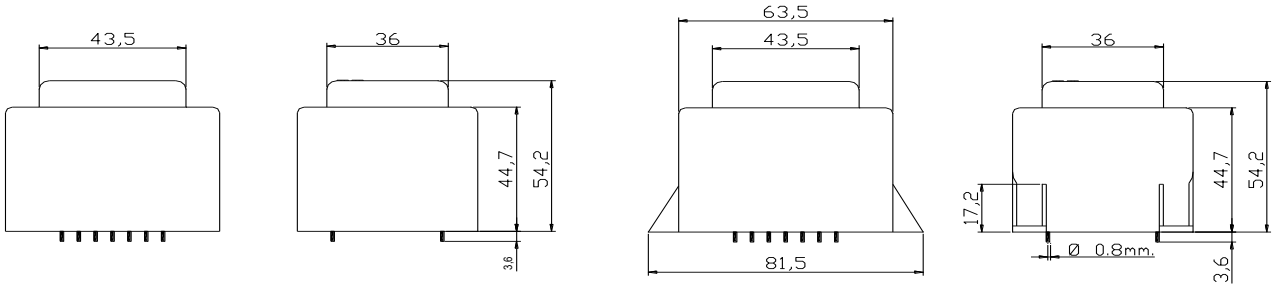
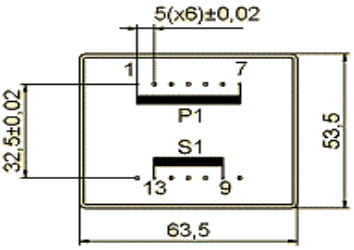
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



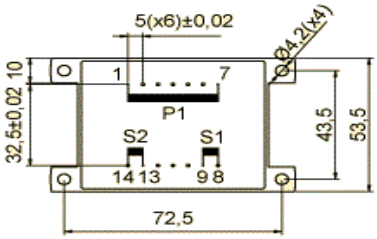
SINGLE SECONDARY, 35VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6031014	E6031114	E6031514	E6031614	4,5V	7777mA	8000mA
E6031000	E6031100	E6031500	E6031600	6V	5833mA	6000mA
E6031002	E6031102	E6031502	E6031602	7,5V	4666mA	5000mA
E6031004	E6031104	E6031504	E6031604	9V	3888mA	4000mA
E6031006	E6031106	E6031506	E6031606	12V	2916mA	3000mA
E6031008	E6031108	E6031508	E6031608	15V	2333mA	2500mA
E6031010	E6031110	E6031510	E6031610	18V	1944mA	2000mA
E6031012	E6031112	E6031512	E6031612	24V	1458mA	1600mA



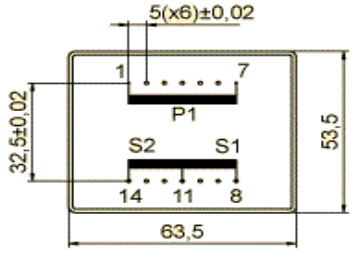
DUAL SECONDARY, 35VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6031015	E6031115	E6031515	E6031615	2x4,5V	2x3888mA	2x4000mA
E6031001	E6031101	E6031501	E6031601	2x6V	2x2916mA	2x3150mA
E6031003	E6031103	E6031503	E6031603	2x7,5V	2x2333mA	2x2500mA
E6031005	E6031105	E6031505	E6031605	2x9V	2x1944mA	2x2000mA
E6031007	E6031107	E6031507	E6031607	2x12V	2x1458mA	2x1600mA
E6031009	E6031109	E6031509	E6031609	2x15V	2x1166mA	2x1250mA
E6031011	E6031111	E6031511	E6031611	2x18V	2x972mA	2x1000mA
E6031013	E6031113	E6031513	E6031613	2x24V	2x729mA	2x800mA



CENTER TAPPED, 35VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6031035	E6031135	E6031535	E6031635	2x4,5V	2x3888mA	2x4000mA
E6031021	E6031121	E6031521	E6031621	2x6V	2x2916mA	2x3150mA
E6031023	E6031123	E6031523	E6031623	2x7,5V	2x2333mA	2x2500mA
E6031025	E6031125	E6031525	E6031625	2x9V	2x1944mA	2x2000mA
E6031027	E6031127	E6031527	E6031627	2x12V	2x1458mA	2x1600mA
E6031029	E6031129	E6031529	E6031629	2x15V	2x1166mA	2x1250mA
E6031031	E6031131	E6031531	E6031631	2x18V	2x972mA	2x1000mA
E6031033	E6031133	E6031533	E6031633	2x24V	2x729mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

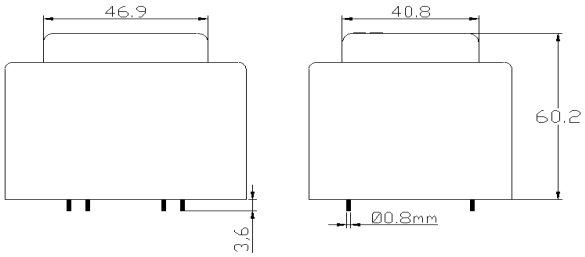
E6635 (EI 66/33)

50VA - Ta70ºB

weight - 675gr.

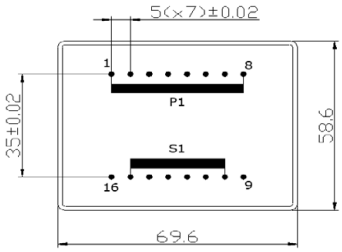
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



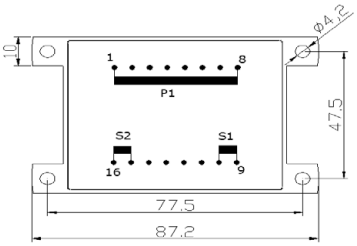
SINGLE SECONDARY, 50VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6635064	E6635164	E6635564	E6635664	4,5V	11111mA	11250mA
E6635050	E6635150	E6635550	E6635650	6V	8333mA	8375mA
E6635052	E6635152	E6635552	E6635652	7,5V	6666mA	6750mA
E6635054	E6635154	E6635554	E6635654	9V	5555mA	5650mA
E6635056	E6635156	E6635556	E6635656	12V	4166mA	4200mA
E6635058	E6635158	E6635558	E6635658	15V	3333mA	34000mA
E6635060	E6635160	E6635560	E6635660	18V	2777mA	2850mA
E6635062	E6635162	E6635562	E6635662	24V	2083mA	2100mA



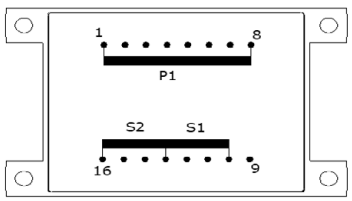
DUAL SECONDARY, 50VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6635065	E6635165	E6635565	E6635665	2x4,5V	2x5555mA	2x6000mA
E6635051	E6635151	E6635551	E6635651	2x6V	2x4166mA	2x4550mA
E6635053	E6635153	E6635553	E6635653	2x7,5V	2x3333mA	2x3350mA
E6635055	E6635155	E6635555	E6635655	2x9V	2x3277mA	2x3300mA
E6635057	E6635157	E6635557	E6635657	2x12V	2x2083mA	2x2100mA
E6635059	E6635159	E6635559	E6635659	2x15V	2x1666mA	2x1750mA
E6635061	E6635161	E6635561	E6635661	2x18V	2x1388mA	2x1400mA
E6635063	E6635163	E6635563	E6635663	2x24V	2x1041mA	2x1250mA



CENTER TAPPED, 50VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6635085	E6635185	E6635585	E6635685	2x4,5V	2x5555mA	2x6000mA
E6635071	E6635171	E6635571	E6635671	2x6V	2x4166mA	2x4550mA
E6635073	E6635173	E6635573	E6635673	2x7,5V	2x3333mA	2x3350mA
E6635075	E6635175	E6635575	E6635675	2x9V	2x3277mA	2x3300mA
E6635077	E6635177	E6635577	E6635677	2x12V	2x2083mA	2x2100mA
E6635079	E6635179	E6635579	E6635679	2x15V	2x1666mA	2x1750mA
E6635081	E6635181	E6635581	E6635681	2x18V	2x1388mA	2x1400mA
E6635083	E6635183	E6635583	E6635683	2x24V	2x1041mA	2x1250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

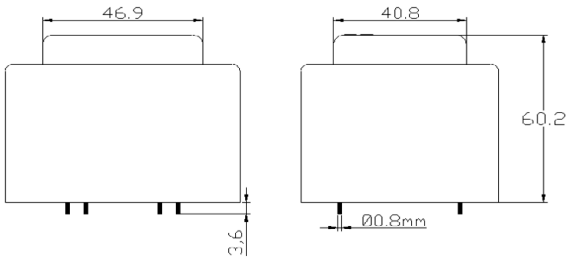
E6635 (EI 66/35)

55VA - Ta40ºB

weight - 675gr.

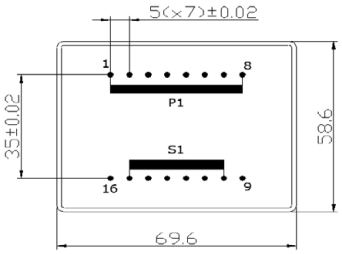
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



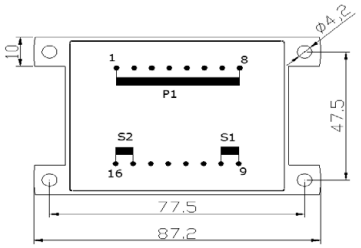
SINGLE SECONDARY, 55VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6635014	E6026114	E6635514	E6635614	4,5V	12222mA	12250mA
E6635000	E6026100	E6635500	E6635600	6V	9166mA	10000mA
E6635002	E6026102	E6635502	E6635602	7,5V	7333mA	7500mA
E6635004	E6026104	E6635504	E6635604	9V	6111mA	6150mA
E6635006	E6026106	E6635506	E6635606	12V	5583mA	5600mA
E6635008	E6026108	E6635508	E6635608	15V	3666mA	3750mA
E6635010	E6026110	E6635510	E6635610	18V	3055mA	3150mA
E6635012	E6026112	E6635512	E6635612	24V	2291mA	2350mA



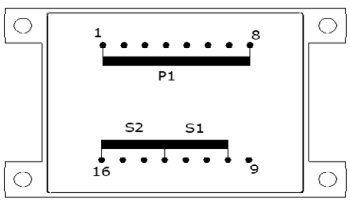
DUAL SECONDARY, 55VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6635015	E6635115	E6635515	E6635615	2x4,5V	2x6111mA	2x6250mA
E6635001	E6635101	E6635501	E6635601	2x6V	2x4750mA	2x3150mA
E6635003	E6635103	E6635503	E6635603	2x7,5V	2x3666mA	2x3750mA
E6635005	E6635105	E6635505	E6635605	2x9V	2x1666mA	2x1750mA
E6635007	E6635107	E6635507	E6635607	2x12V	2x2791mA	2x2800mA
E6635009	E6635109	E6635509	E6635609	2x15V	2x1833mA	2x1950mA
E6635011	E6635111	E6635511	E6635611	2x18V	2x1527mA	2x1600mA
E6635013	E6635113	E6635513	E6635613	2x24V	2x1145mA	2x1250mA



CENTER TAPPED, 55VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6635035	E6635135	E6635535	E6026635	2x4,5V	2x6111mA	2x6250mA
E6635021	E6635121	E6635521	E6026621	2x6V	2x4750mA	2x3150mA
E6635023	E6635123	E6635523	E6026623	2x7,5V	2x3666mA	2x3750mA
E6635025	E6635125	E6635525	E6026625	2x9V	2x1666mA	2x1750mA
E6635027	E6635127	E6635527	E6026627	2x12V	2x2791mA	2x2800mA
E6635029	E6635129	E6635529	E6026629	2x15V	2x1833mA	2x1950mA
E6635031	E6635131	E6635531	E6026631	2x18V	2x1527mA	2x1600mA
E6635033	E6635133	E6635533	E6026633	2x24V	2x1145mA	2x1250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

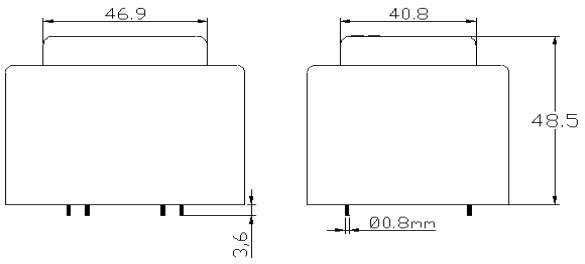
E6623 (EI 66/23)

35VA - Ta70ºB

weight - 675gr.

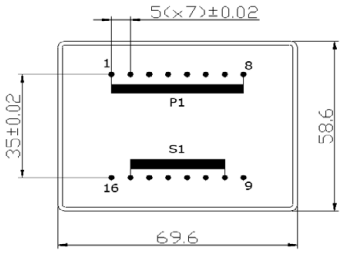
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



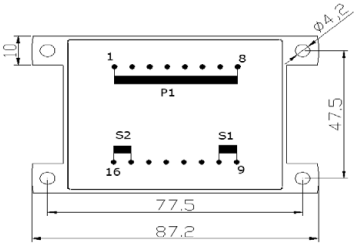
SINGLE SECONDARY, 35VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6623064	E6623164	E6623564	E6623664	4,5V	7777mA	8000mA
E6623050	E6623150	E6623550	E6623650	6V	5833mA	6000mA
E66236052	E6623152	E6623552	E6623652	7,5V	5000mA	5500mA
E66236054	E6623154	E6623554	E6623654	9V	3888mA	4000mA
E6623056	E6623156	E6623556	E6623656	12V	2916mA	3000mA
E6623058	E6623158	E6623558	E6623658	15V	2333mA	2500mA
E6623060	E6623160	E6623560	E6623660	18V	1944mA	2000mA
E6623062	E6623162	E6623562	E6623662	24V	1458mA	1600mA



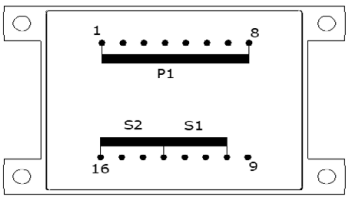
DUAL SECONDARY, 35VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6623065	E6623165	E6623565	E6623665	2x4,5V	2x3888mA	2x4000mA
E6623051	E6623151	E6623551	E6623651	2x6V	2x2916mA	2x3150mA
E6623053	E6623153	E6623553	E6623653	2x7,5V	2x2500mA	2x2500mA
E6623055	E6623155	E6623555	E6623655	2x9V	2x1944mA	2x2000mA
E6623057	E6623157	E6623557	E6623657	2x12V	2x1458mA	2x1600mA
E6623059	E6623159	E6623559	E6623659	2x15V	2x1166mA	2x1250mA
E6623061	E6623161	E6623561	E6623661	2x18V	2x972mA	2x1000mA
E6623063	E6623163	E6623563	E6623663	2x24V	2x729mA	2x800mA

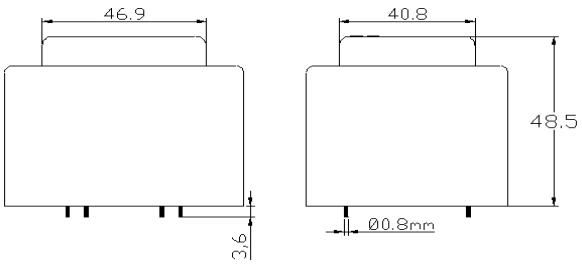


CENTER TAPPED, 35VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6623085	E6623185	E6623585	E6623685	2x4,5V	2x3888mA	2x4000mA
E6623071	E6623171	E6623571	E6623671	2x6V	2x2916mA	2x3150mA
E6623073	E6623173	E6623573	E6623673	2x7,5V	2x2500mA	2x2500mA
E6623075	E6623175	E6623575	E6623675	2x9V	2x1944mA	2x2000mA
E6623077	E6623177	E6623577	E6623677	2x12V	2x1458mA	2x1600mA
E6623079	E6623179	E6623579	E6623679	2x15V	2x1166mA	2x1250mA
E6623081	E6623181	E6623581	E6623681	2x18V	2x972mA	2x1000mA
E6623083	E6623183	E6623583	E6623683	2x24V	2x729mA	2x800mA

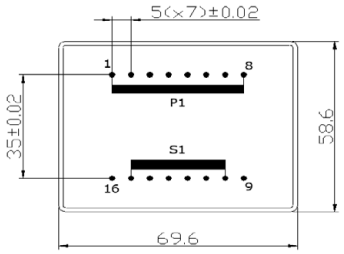


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



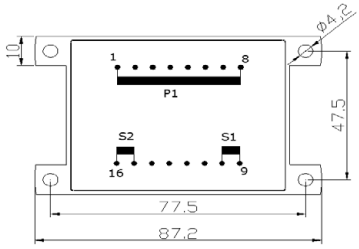
SINGLE SECONDARY, 40VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6623014	E6026114	E6623514	E6623614	4,5V	8888mA	9000mA
E6623000	E6026100	E6623500	E6623600	6V	6666mA	7000mA
E6623002	E6026102	E6623502	E6623602	7,5V	5333mA	5000mA
E6623004	E6026104	E6623504	E6623604	9V	4444mA	5000mA
E6623006	E6026106	E6623506	E6623606	12V	3333mA	3500mA
E6623008	E6026108	E6623508	E6623608	15V	2666mA	275mA
E6623010	E6026110	E6623510	E6623610	18V	2222mA	2500mA
E6623012	E6026112	E6623512	E6623612	24V	1666mA	1750mA



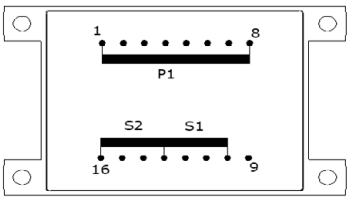
DUAL SECONDARY, 40VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6623015	E6623115	E6623515	E6623615	2x4,5V	2x3333mA	2x4000mA
E6623001	E6623101	E6623501	E6623601	2x6V	2x2500mA	2x3150mA
E6623003	E6623103	E6623503	E6623603	2x7,5V	2x2000mA	2x2500mA
E6623005	E6623105	E6623505	E6623605	2x9V	2x1666mA	2x2000mA
E6623007	E6623107	E6623507	E6623607	2x12V	2x1250mA	2x1600mA
E6623009	E6623109	E6623509	E6623609	2x15V	2x1000mA	2x1250mA
E6623011	E6623111	E6623511	E6623611	2x18V	2x833mA	2x1000mA
E6623013	E6623113	E6623513	E6623613	2x24V	2x625mA	2x800mA



CENTER TAPPED, 40VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	Prim. 115V	Prim. 230V	Prim. 115V	Vsec	Isec	Prot. Sec. mA/F
E6623035	E6623135	E6623535	E6026635	2x4,5V	2x3333mA	2x4000mA
E6623021	E6623121	E6623521	E6026621	2x6V	2x2500mA	2x3150mA
E6623023	E6623123	E6623523	E6026623	2x7,5V	2x2000mA	2x2500mA
E6623025	E6623125	E6623525	E6026625	2x9V	2x1666mA	2x2000mA
E6623027	E6623127	E6623527	E6026627	2x12V	2x1250mA	2x1600mA
E6623029	E6623129	E6623529	E6026629	2x15V	2x1000mA	2x1250mA
E6623031	E6623131	E6623531	E6026631	2x18V	2x833mA	2x1000mA
E6623033	E6623133	E6623533	E6026633	2x24V	2x625mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

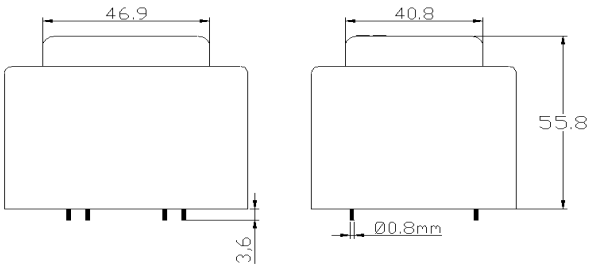
E6630 (EI 66/30)

45VA - Ta70ºB

weight - 675gr.

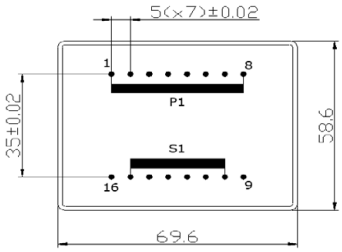
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



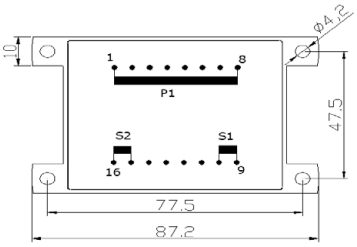
SINGLE SECONDARY, 45VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6630064	E6630164	E6630564	E6630664	4,5V	10000mA	10500mA
E6630050	E6630150	E6630550	E6630650	6V	7500mA	8500mA
E6630052	E6630152	E6630552	E6630652	7,5V	6000mA	6750mA
E6630054	E6630154	E6630554	E6630654	9V	5000mA	5750mA
E6630056	E6630156	E6630556	E6630656	12V	3750mA	4175mA
E6630058	E6630158	E6630558	E6630658	15V	3000mA	35000mA
E6630060	E6630160	E6630560	E6630660	18V	2500mA	2950mA
E6630062	E6630162	E6630562	E6630662	24V	1875mA	2150mA



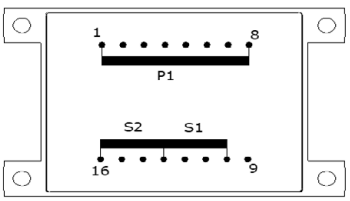
DUAL SECONDARY, 45VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6630065	E6630165	E6630565	E6630665	2x4,5V	2x5000mA	2x5500mA
E6630051	E6630151	E6630551	E6630651	2x6V	2x3750mA	2x4000mA
E6630053	E6630153	E6630553	E6630653	2x7,5V	2x3000mA	2x23150mA
E6630055	E6630155	E6630555	E6630655	2x9V	2x1875mA	2x2000mA
E6630057	E6630157	E6630557	E6630657	2x12V	2x1250mA	2x1300mA
E6630059	E6630159	E6630559	E6630659	2x15V	2x1500mA	2x1550mA
E6630061	E6630161	E6630561	E6630661	2x18V	2x1250mA	2x1300mA
E6630063	E6630163	E6630563	E6630663	2x24V	2x937mA	2x1000mA



CENTER TAPPED, 45VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6630085	E6630185	E6630585	E6630685	2x4,5V	2x5000mA	2x5500mA
E6630071	E6630171	E6630571	E6630671	2x6V	2x3750mA	2x4000mA
E6630073	E6630173	E6630573	E6630673	2x7,5V	2x3000mA	2x23150mA
E6630075	E6630175	E6630575	E6630675	2x9V	2x1875mA	2x2000mA
E6630077	E6630177	E6630577	E6630677	2x12V	2x1250mA	2x1300mA
E6630079	E6630179	E6630579	E6630679	2x15V	2x1500mA	2x1550mA
E6630081	E6630181	E6630581	E6630681	2x18V	2x1250mA	2x1300mA
E6630083	E6630183	E6630583	E6630683	2x24V	2x937mA	2x1000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

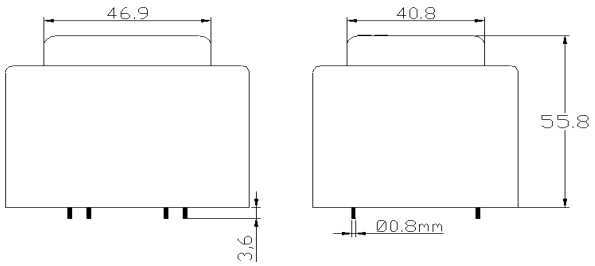
E6630 (EI 66/30)

50VA - Ta40ºB

weight - 675gr.

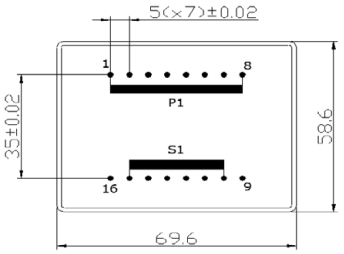
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



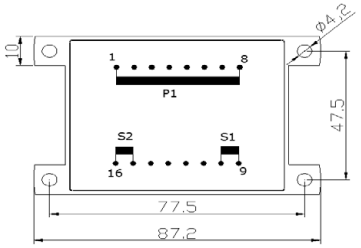
SINGLE SECONDARY, 50VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6630014	E6030114	E6630514	E6630614	4,5V	11111mA	11250mA
E6630000	E6630100	E6630500	E6630600	6V	8333mA	8375mA
E6630002	E6630102	E6630502	E6630602	7,5V	6666mA	6750mA
E6630004	E6630104	E6630504	E6630604	9V	5555mA	5650mA
E6630006	E6630106	E6630506	E6630606	12V	4166mA	4200mA
E6630008	E6630108	E6630508	E6630608	15V	3333mA	34000mA
E6630010	E6630110	E6630510	E6630610	18V	2777mA	2850mA
E6630012	E6630112	E6630512	E6630612	24V	2083mA	2100mA



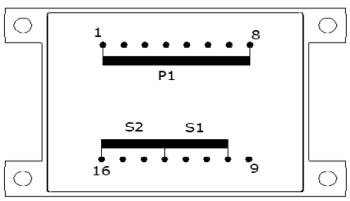
DUAL SECONDARY, 50VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6630015	E6630115	E6630515	E6630615	2x4,5V	2x5555mA	2x6000mA
E6630001	E6630101	E6630501	E6630601	2x6V	2x4166mA	2x4550mA
E6630003	E6630103	E6630503	E6630603	2x7,5V	2x3333mA	2x3350mA
E6630005	E6630105	E6630505	E6630605	2x9V	2x3277mA	2x3300mA
E6630007	E6630107	E6630507	E6630607	2x12V	2x2083mA	2x2100mA
E6630009	E6630109	E6630509	E6630609	2x15V	2x1666mA	2x1750mA
E6630011	E6630111	E6630511	E6630611	2x18V	2x1388mA	2x1400mA
E6630013	E6630113	E6630513	E6630613	2x24V	2x1041mA	2x1250mA



CENTER TAPPED, 50VA. Taº40B

HR REFERENCE		HR REFERENCE with fixing holes		Vo/Vsec=1,2 Vo-->Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 200mA/T 115V: 400mA/T
Prim. 230V	**Prim. 115V**	**Prim. 230V**	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
E6630035	E6630135	E6630535	E6630635	2x4,5V	2x5555mA	2x6000mA
E6630021	E6630121	E6630521	E6630621	2x6V	2x4166mA	2x4550mA
E6630023	E6630123	E6630523	E6630623	2x7,5V	2x3333mA	2x3350mA
E6630025	E6630125	E6630525	E6630625	2x9V	2x3277mA	2x3300mA
E6630027	E6630127	E6630527	E6630627	2x12V	2x2083mA	2x2100mA
E6630029	E6630129	E6630529	E6630629	2x15V	2x1666mA	2x1750mA
E6630031	E6630131	E6630531	E6630631	2x18V	2x1388mA	2x1400mA
E6630033	E6630133	E6630533	E6630633	2x24V	2x1041mA	2x1250mA



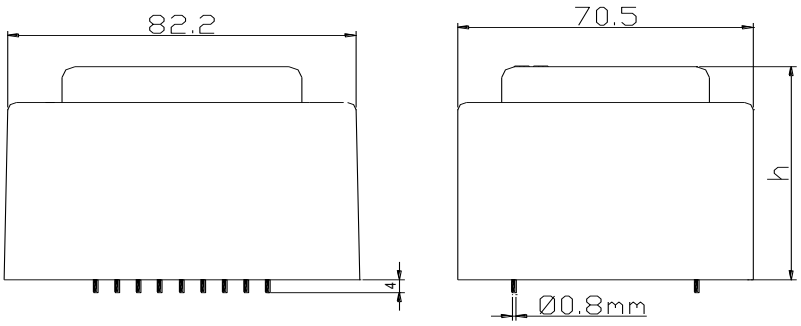
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E78 Series (E78/27.5 E78/36.5 E78/40.5)

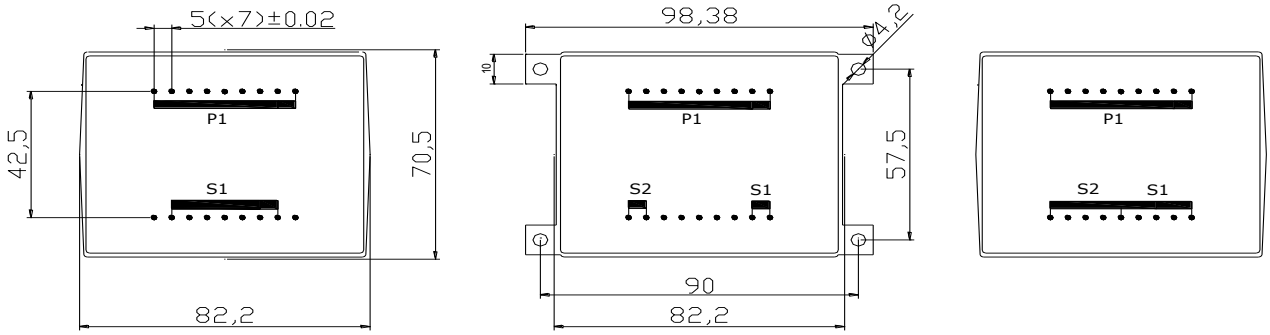
50/60/70VA - Ta70ºB

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



Frame size	Out Power at 70ºC	Heigh (h)	Weight (kg)
E7827	50VA	59,5mm	1,25
E7836	60VA	68,5mm	1,5
E7841	70VA	72,5mm	1,7



Custom-made models ara available on request.

*** Out power up to 50VA to 70VA**
***Standart type cast housing**
***According ROHS regulation**
***High voltage resistence**
***Self-extinguisheing cast housing and sealing material**
*** 100% piece inspection**

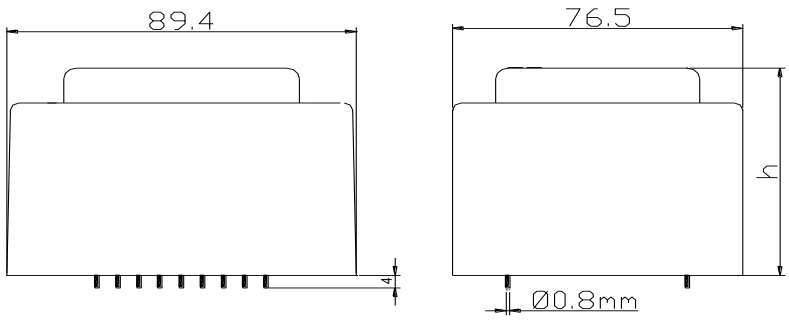
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E84 Series (E84/29.5 E84/43.5)

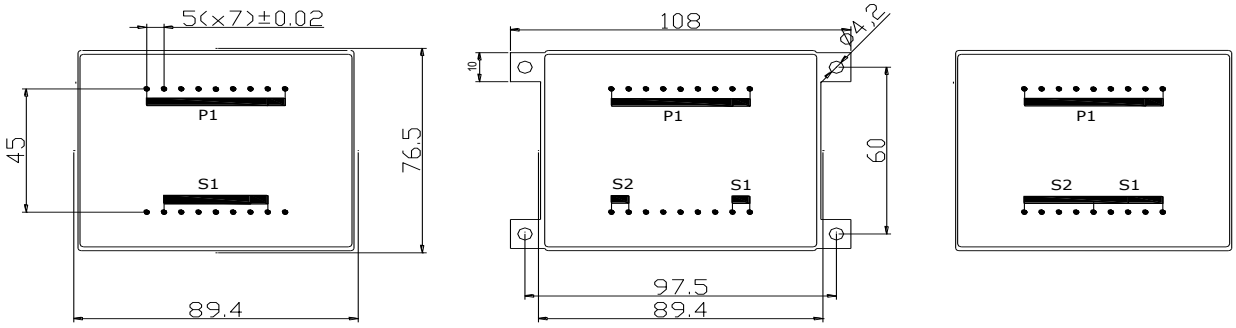
75/100VA - Ta70ºB

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



Frame size	Out Power at 70ºC	Heigh (h)	Weight (kg)
E8430	75VA	63,5mm	1,6
E8444	100VA	77,0mm	2,1



Custom-made models ara available on request.

*** Out power up to 75VA to 100VA**
***Standart type cast housing**
***According ROHS regulation**
***High voltage resistence**
***Self-extinguisheing cast housing and sealing material**
*** 100% piece inspection**

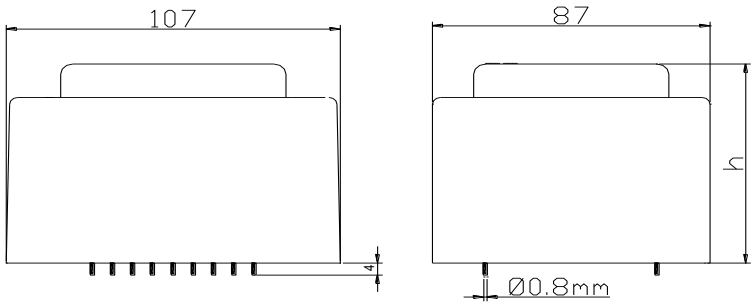
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

E96 Series (E96/35.7 E96/45.5 E96/59.5)

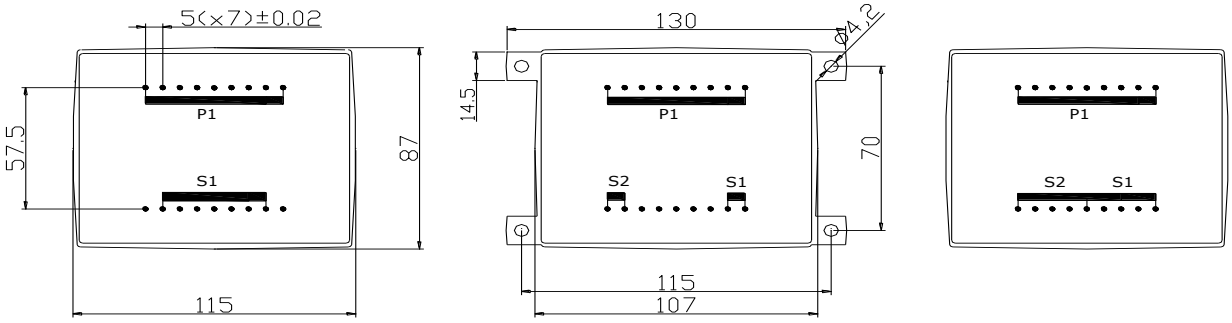
130/200VA - Ta70ºB

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



Frame size	Out Power at 70ºC	Heigh (h)	Weight (kg)
E9635	130VA	75,1mm	2,6
E9645	160VA	84,9mm	3,8
E9660	200VA	98,5mm	4,6



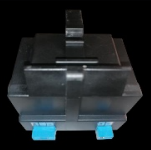
Custom-made models ara available on request.

*** Out power up to 130VA to 200VA**
***Standart type cast housing**
***According ROHS regulation**
***High voltage resistence**
***Self-extinguisheing cast housing and sealing material**
*** 100% piece inspection**

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

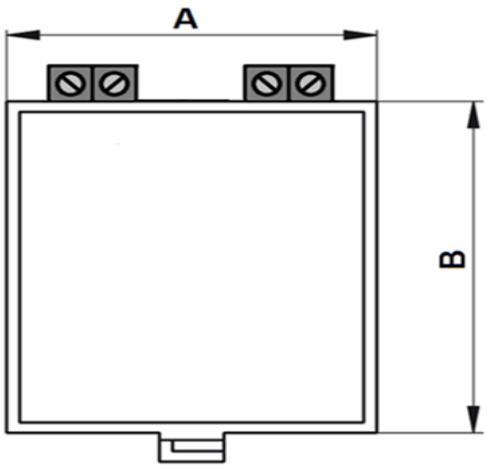
DIN RAIL TRANSFORMERS

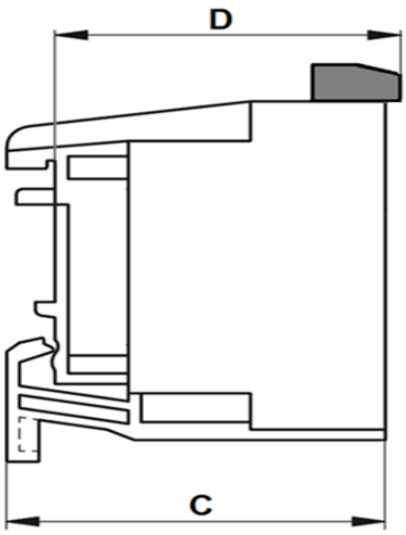
EI48 to EI78



ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof





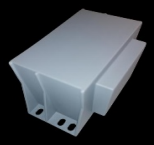
Encapsulated transformers for mounting on DIN rail

DIM(mm)	A	B	C	D	POWER
EI 48 /70ºC	51,7	60,5	43,7	52,3	12VA 70ºC/B
EI 54 /70ºC	57,5	63,6	49,4	58,9	16VA 70ºC/B
EI 60 /40ºC	64	66,5	57,8	67,2	25VA 40ºC/B
EI 66 /40ºC	70	69,5	64,4	73,2	33VA 40ºC/B
EI 66 /70ºC	70	69,5	64,4	73,2	44VA 70ºC/B
EI 78 /40ºC	82,5	76,2	73,3	82	50VA 40ºC/B
EI 78 /70ºC	82,5	76,2	73,3	82	40VA 70ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

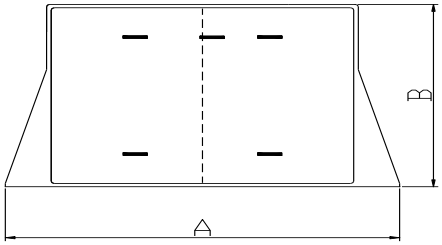
"SV" TRANSFORMER

SV EI38 to EI66

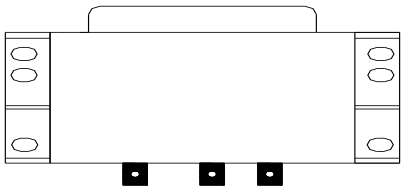


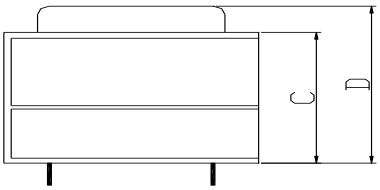
ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



UNITATS: mm.
TOLERÀNCIA GENERAL
ISO 2768 - c





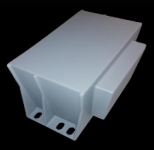
SV transformers

DIM(mm)	A	B	C	D	POWER
E3814 40ºC	61	34,8	27,7	33	4,0VA 70ºC/B
E3814 70ºC	61	34,8	27,7	33	3,5VA 70ºC/B
E4215/40ºC	65	38	30,2	33	6VA 40ºC/B
E4215/70ºC	65	38	30,2	33	5VA 70ºC/B
E4817/40ºC	75	43	33,2	38,6	6VA 40ºC/B
E4817/70ºC	75	43	33,2	38,6	5VA 70ºC/B
E4821/40ºC	75	43	32,4	39,3	6VA 40ºC/B
E4821/70ºC	75	43	32,4	39,3	5VA 70ºC/B
E5419/40ºC	82,5	48,5	38,1	42,8	6VA 40ºC/B
E5419/70ºC	82,5	48,5	38,1	42,8	5VA 70ºC/B
E6021/40ºC	88	53,5	38,1	48	25VA 40ºC/B
E6021/70ºC	88	53,5	38,1	48	20VA 70ºC/B
E6026/40ºC	88	53,5	42,2	52,2	30VA 40ºC/B
E6026/70ºC	88	53,5	42,2	52,2	24VA 70ºC/B
E6031/40ºC	88	53,5	47,1	57,2	35VA 40ºC/B
E6031/70ºC	88	53,5	47,1	57,2	30VA 70ºC/B
E6623/40ºC	94	58,5	40,3	49,6	35VA 40ºC/B
E6623/70ºC	94	58,5	40,3	49,6	30VA 70ºC/B
E6630/40ºC	94	58,5	47,1	56,5	35VA 40ºC/B
E6630/70ºC	94	58,5	47,1	56,5	30VA 70ºC/B
E6635/40ºC	94	58,5	51,3	61,2	35VA 40ºC/B
E6635/70ºC	94	58,5	51,3	61,2	30VA 70ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

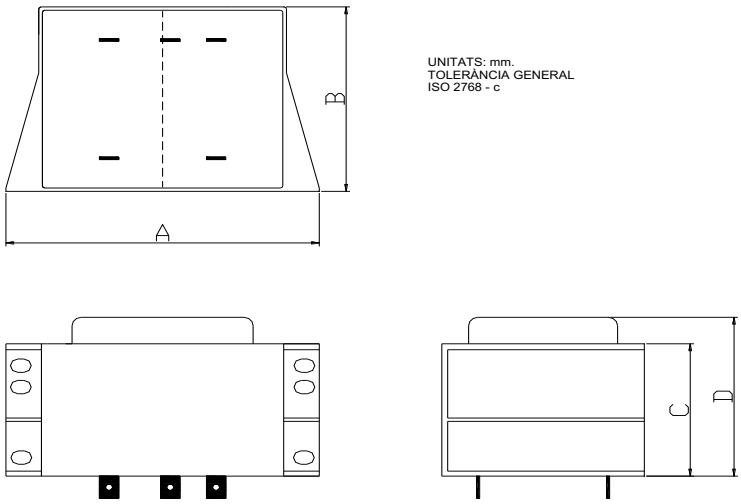
"SV" TRANSFORMER

SV EI75 to EI96



ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof



UNITATS: mm.
TOLERÀNCIA GENERAL
ISO 2768 - c

DIM(mm)	A	B	C	D	POWER
E7522/40ºC	105	66,2	41,9	52,6	35VA 40ºC/B
E7522/70ºC	105	66,2	41,9	52,6	30VA 70ºC/B
E7527/40ºC	105	66,2	46,9	57,6	35VA 40ºC/B
E7527/70ºC	105	66,2	46,9	57,6	30VA 70ºC/B
E7533/40ºC	105	66,2	53,1	63,8	35VA 40ºC/B
E7533/70ºC	105	66,2	53,1	63,8	30VA 70ºC/B
E7542/40ºC	105	66,2	62	72,6	35VA 40ºC/B
E7542/70ºC	105	66,2	62	72,6	30VA 70ºC/B
E7827/40ºC	112,5	71,5	48,3	59	50VA 40ºC/B
E7827/70ºC	112,5	71,5	48,3	59	45VA 70ºC/B
E7836/40ºC	112,5	71,5	48,3	59	60VA 40ºC/B
E7836/70ºC	112,5	71,5	48,3	59	55VA 70ºC/B
E7840/40ºC	112,5	71,5	48,3	59	70VA 40ºC/B
E7840/70ºC	112,5	71,5	48,3	59	65VA 70ºC/B
E8429/40ºC	120	74,4	65,4	61,4	75VA 40ºC/B
E8429/70ºC	120	74,4	65,4	61,4	70VA 70ºC/B
E8444/40ºC	120	74,4	79,4	75,7	16VA 40ºC/B
E8444/70ºC	120	74,4	79,4	75,7	13VA 70ºC/B
E9635/40ºC	133	85	60,5	74,6	130VA 40ºC/B
E9635/70ºC	133	85	60,5	74,6	125VA 70ºC/B
E9645/40ºC	133	85	70,5	84,6	160VA 40ºC/B
E9645/70ºC	133	85	70,5	84,6	155VA 70ºC/B
E9660/40ºC	133	85	84,7	98,5	200VA 40ºC/B
E9660/70ºC	133	85	84,7	98,5	195VA 70ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

U3006 (UI 30/5,5)

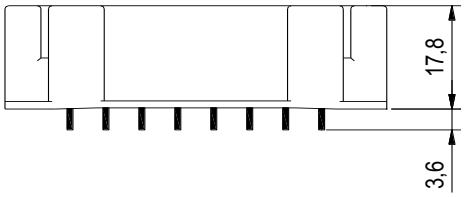
3VA - Ta40ºB

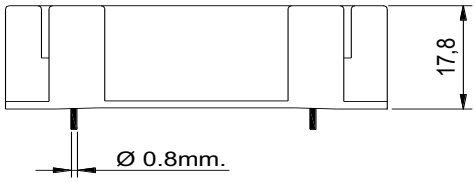
2,4VA - Ta70ºB

weight - 130gr.

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · Short circuit proof

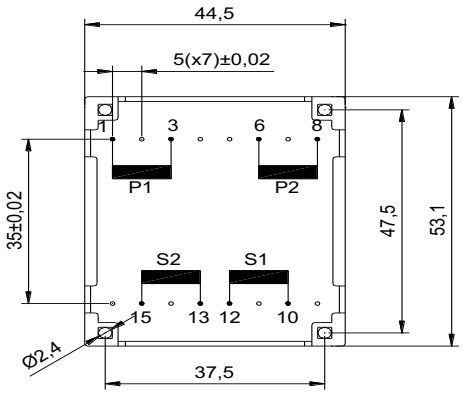




3VA. Taº40B

HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
U30060xx	U30065xx	Vsec	Isec	
U3006007	U3006507	2x4,5V	2x333mA	Short circuit proof
U3006000	U3006500	2x6V	2x250mA	
U3006001	U3006501	2x7,5V	2x200mA	
U3006002	U3006502	2x9V	2x166mA	
U3006003	U3006503	2x12V	2x125mA	
U3006004	U3006504	2x15V	2x100mA	
U3006005	U3006505	2x18V	2x83mA	
U3006006	U3006506	2x24V	2x62mA	

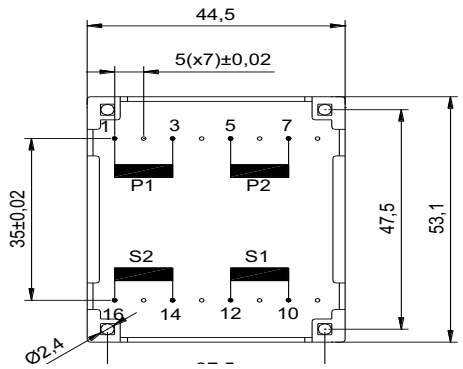
U30xx0xx



2,4VA. Taº70B

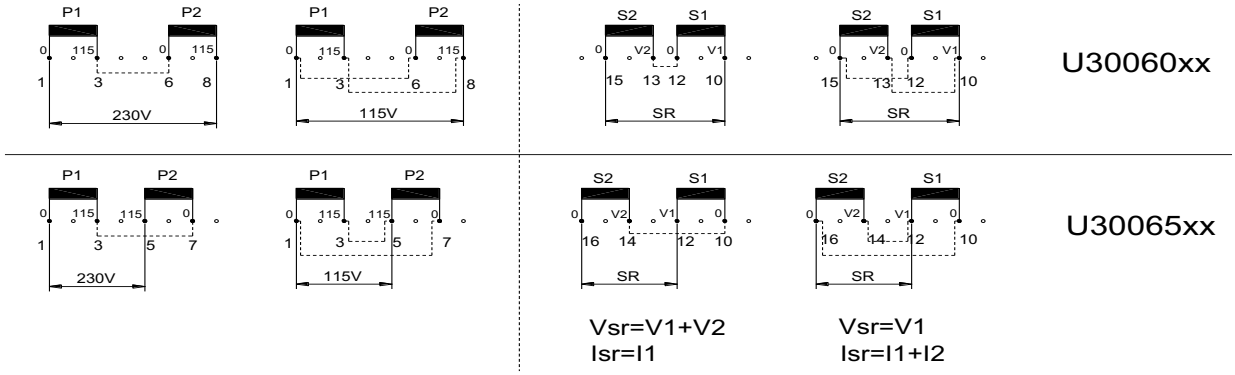
HR REFERENCE		Vo/Vsec=1,7 Vo --> Is=0 Vsec --> Isec=In		Protection
U30060xx	U30065xx	Vsec	Isec	
U3006057	U3006557	2x4,5V	2x266mA	Short circuit proof
U3006050	U3006550	2x6V	2x200mA	
U3006051	U3006551	2x7,5V	2x160mA	
U3006052	U3006552	2x9V	2x133mA	
U3006053	U3006553	2x12V	2x100mA	
U3006054	U3006554	2x15V	2x80mA	
U3006055	U3006555	2x18V	2x66mA	
U3006056	U3006556	2x24V	2x50mA	

U30xx5xx



Primary connections

Secondary connections



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

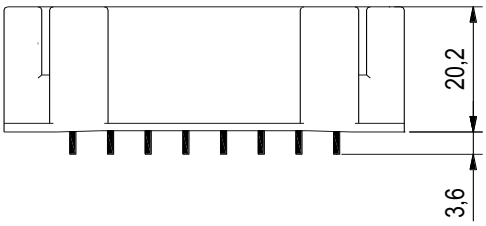
U3008 (UI 30/7,5)

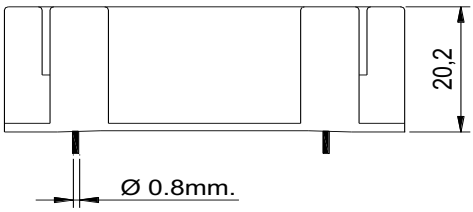
4VA - Ta40ºB
3,2VA - Ta70ºB

weight - 160gr.

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

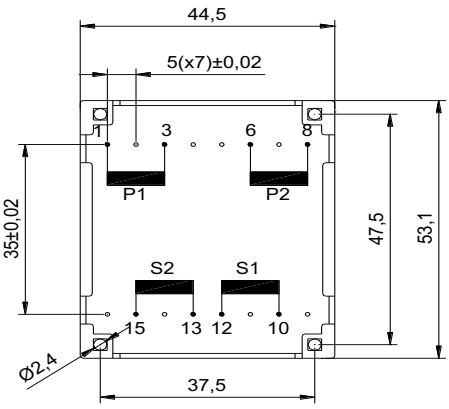




4VA. Taº40B

HR REFERENCE		Vo/Vsec=1,5 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 63mA/T
U30080xx	**U30085xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3008007	U3008507	2x4,5V	2x444mA	2x500mA
U3008000	U3008500	2x6V	2x333mA	2x400mA
U3008001	U3008501	2x7,5V	2x266mA	2x315mA
U3008002	U3008502	2x9V	2x222mA	2x2500mA
U3008003	U3008503	2x12V	2x166mA	2x200mA
U3008004	U3008504	2x15V	2x133mA	2x160mA
U3008005	U3008505	2x18V	2x111mA	2x125mA
U3008006	U3008506	2x24V	2x83mA	2x100mA

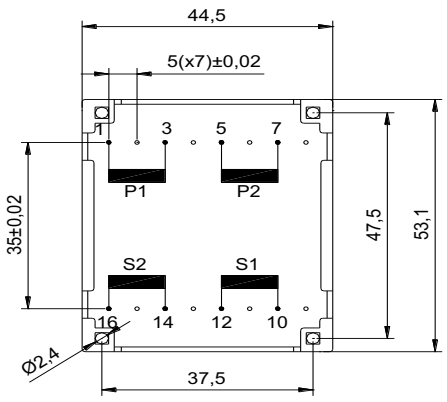
U30xx0xx



3,2VA. Taº70B

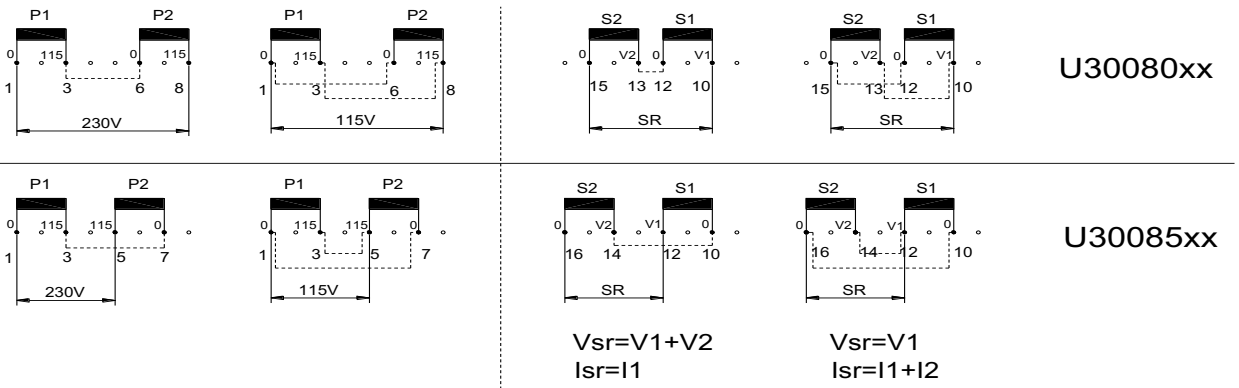
HR REFERENCE		Vo/Vsec=1,5 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 32mA/T 115V: 63mA/T
U30080xx	**U30085xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3008057	U3008557	2x4,5V	2x355mA	2x400mA
U3008050	U3008550	2x6V	2x266mA	2x315mA
U3008051	U3008551	2x7,5V	2x213mA	2x250mA
U3008052	U3008552	2x9V	2x177mA	2x200mA
U3008053	U3008553	2x12V	2x133mA	2x160mA
U3008054	U3008554	2x15V	2x106mA	2x125mA
U3008055	U3008555	2x18V	2x88mA	2x100mA
U3008056	U3008556	2x24V	2x66mA	2x80mA

U30xx5xx

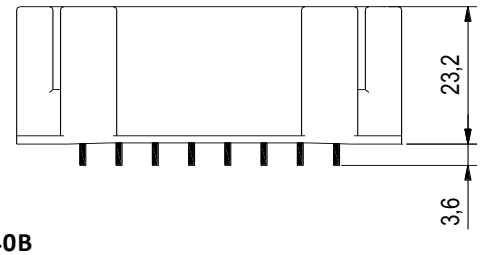


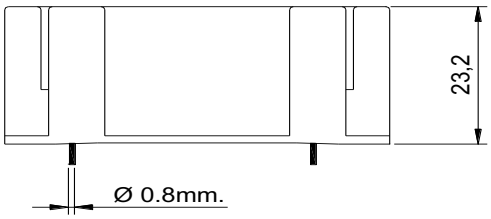
Primary connections

Secondary connections



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

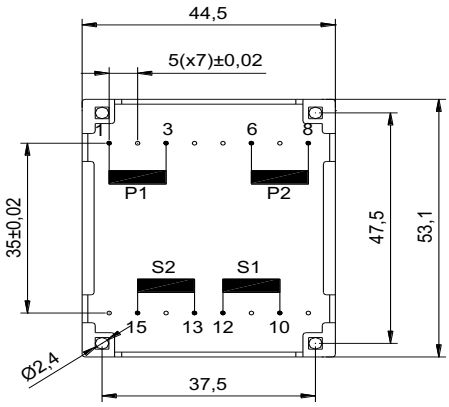




6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
U30100xx	**U30105xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3010007	U3010507	2x4,5V	2x666mA	2x800mA
U3010000	U3010500	2x6V	2x500mA	2x630mA
U3010001	U3010501	2x7,5V	2x400mA	2x500mA
U3010002	U3010502	2x9V	2x333mA	2x2400mA
U3010003	U3010503	2x12V	2x250mA	2x315mA
U3010004	U3010504	2x15V	2x200mA	2x250mA
U3010005	U3010505	2x18V	2x166mA	2x200mA
U3010006	U3010506	2x24V	2x125mA	2x160mA

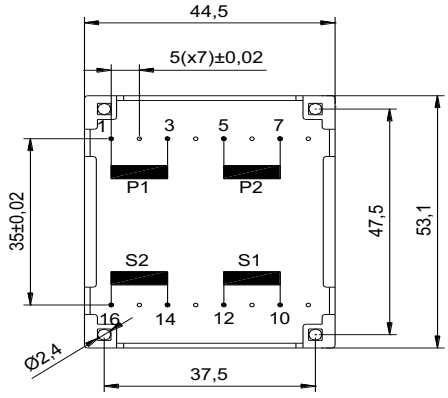
U30xx0xx



5VA. Taº70B

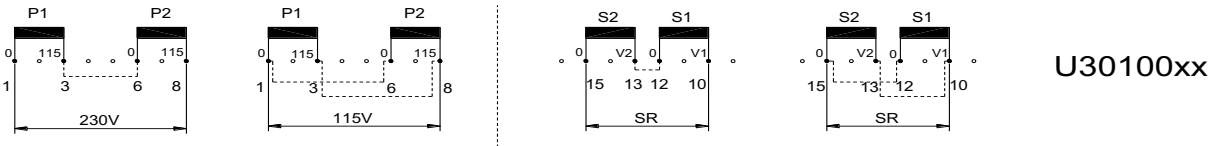
HR REFERENCE		Vo/Vsec=1,4 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
U30100xx	**U30105xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3010057	U3010557	2x4,5V	2x555mA	2x630mA
U3010050	U3010550	2x6V	2x416mA	2x500mA
U3010051	U3010551	2x7,5V	2x333mA	2x400mA
U3010052	U3010552	2x9V	2x277mA	2x315mA
U3010053	U3010553	2x12V	2x208mA	2x250mA
U3010054	U3010554	2x15V	2x166mA	2x200mA
U3010055	U3010555	2x18V	2x138mA	2x160mA
U3010056	U3010556	2x24V	2x104mA	2x125mA

U30xx5xx

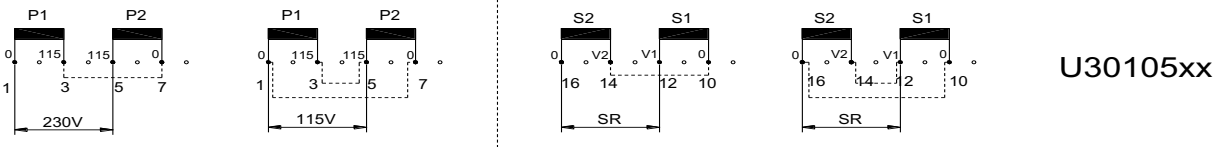


Primary connections

Secondary connections



U30100xx

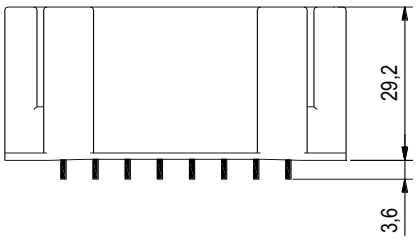


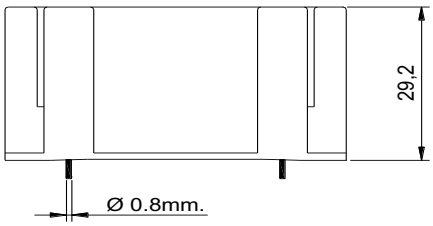
U30105xx

Vsr=V1+V2
Isr=I1

Vsr=V1
Isr=I1+I2

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

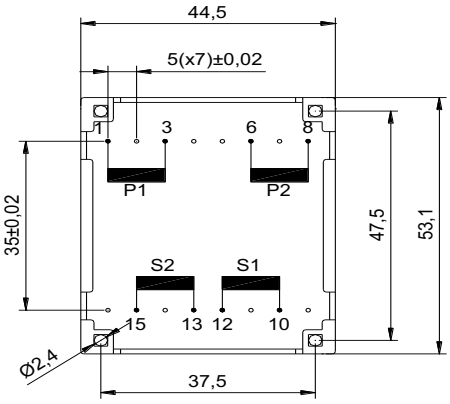




10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,45 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
U30170xx	**U30175xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3017007	U3017507	2x4,5V	2x1111mA	2x1250mA
U3017000	U3017500	2x6V	2x833mA	2x1000mA
U3017001	U3017501	2x7,5V	2x666mA	2x800mA
U3017002	U3017502	2x9V	2x555mA	2x630mA
U3017003	U3017503	2x12V	2x416mA	2x500mA
U3017004	U3017504	2x15V	2x333mA	2x400mA
U3017005	U3017505	2x18V	2x277mA	2x315mA
U3017006	U3017506	2x24V	2x208mA	2x250mA

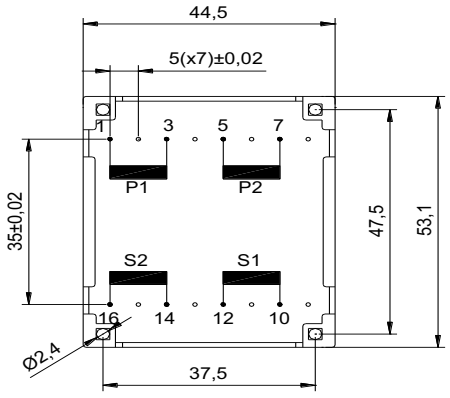
U30xx0xx



8VA. Taº70B

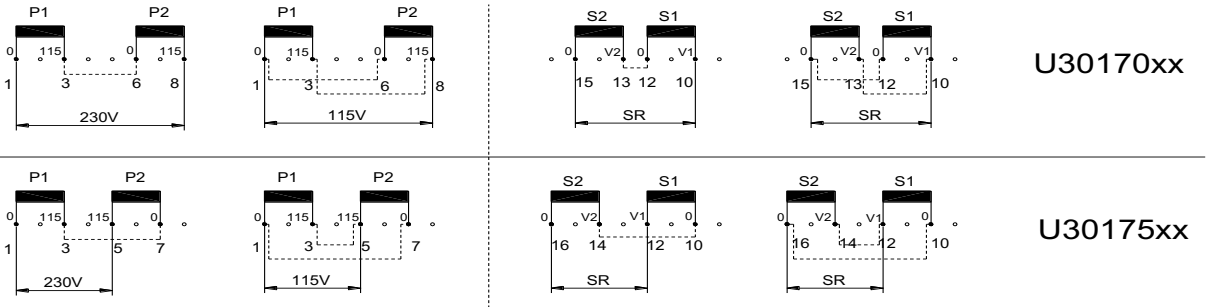
HR REFERENCE		Vo/Vsec=1,45 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
U30170xx	**U30175xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3017057	U3017557	2x4,5V	2x888mA	2x1000mA
U3017050	U3017550	2x6V	2x666mA	2x800mA
U3017051	U3017551	2x7,5V	2x533mA	2x630mA
U3017052	U3017552	2x9V	2x444mA	2x500mA
U3017053	U3017553	2x12V	2x333mA	2x400mA
U3017054	U3017554	2x15V	2x266mA	2x315mA
U3017055	U3017555	2x18V	2x222mA	2x250mA
U3017056	U3017556	2x24V	2x166mA	2x200mA

U30xx5xx



Primary connections

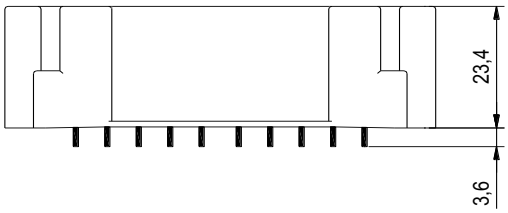
Secondary connections

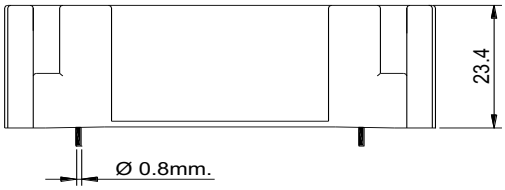


Vsr=V1+V2
Isr=I1

Vsr=V1
Isr=I1+I2

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

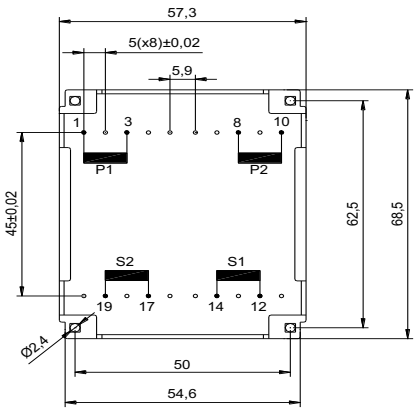




10VA. Ta40B

HR REFERENCE		Vo/Vsec=1,45 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
U39080xx	**U39085xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3908007	U3908507	2x4,5V	2x1111mA	2x1250mA
U3908000	U3908500	2x6V	2x833mA	2x1000mA
U3908001	U3908501	2x7,5V	2x666mA	2x800mA
U3908002	U3908502	2x9V	2x555mA	2x630mA
U3908003	U3908503	2x12V	2x416mA	2x500mA
U3908004	U3908504	2x15V	2x333mA	2x400mA
U3908005	U3908505	2x18V	2x277mA	2x315mA
U3908006	U3908506	2x24V	2x208mA	2x250mA

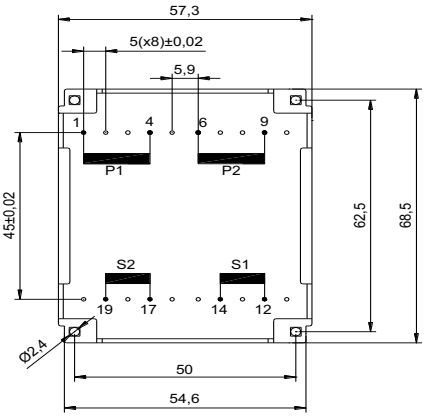
U39xx0xx



8VA. Ta70B

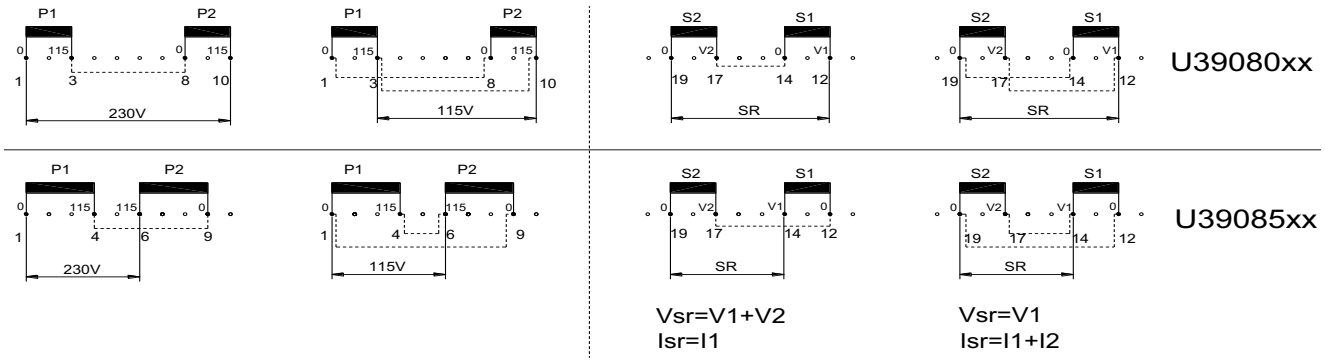
HR REFERENCE		Vo/Vsec=1,45 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 63mA/T 115V: 125mA/T
U39080xx	**U39085xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3908057	U3908557	2x4,5V	2x888mA	2x1000mA
U3908050	U3908550	2x6V	2x666mA	2x800mA
U3908051	U3908551	2x7,5V	2x533mA	2x630mA
U3908052	U3908552	2x9V	2x444mA	2x500mA
U3908053	U3908553	2x12V	2x333mA	2x400mA
U3908054	U3908554	2x15V	2x266mA	2x315mA
U3908055	U3908555	2x18V	2x222mA	2x250mA
U3908056	U3908556	2x24V	2x166mA	2x200mA

U39xx5xx



Primary connections

Secondary connections



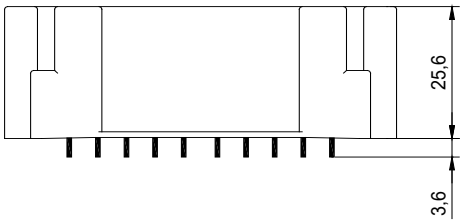
Vsr=V1+V2
Isr=I1

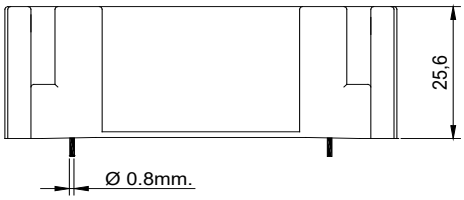
Vsr=V1
Isr=I1+I2

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

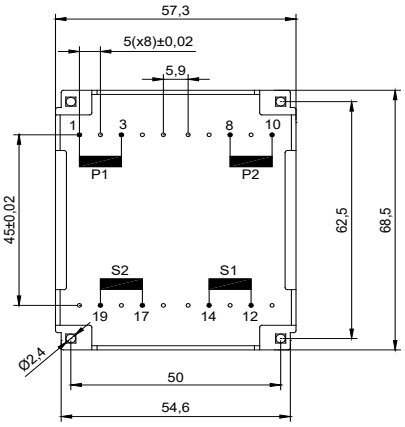




14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,5 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
U39110xx	**U39115xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3911007	U3911507	2x4,5V	2x1555mA	2x1600mA
U3911000	U3911500	2x6V	2x1166mA	2x1250mA
U3911001	U3911501	2x7,5V	2x933mA	2x1000mA
U3911002	U3911502	2x9V	2x777mA	2x800mA
U3911003	U3911503	2x12V	2x583mA	2x630mA
U3911004	U3911504	2x15V	2x466mA	2x500mA
U3911005	U3911505	2x18V	2x388mA	2x400mA
U3911006	U3911506	2x24V	2x291mA	2x315mA

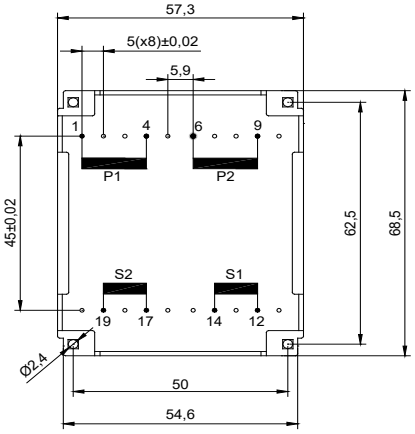
U39xx0xx



11VA. Taº70B

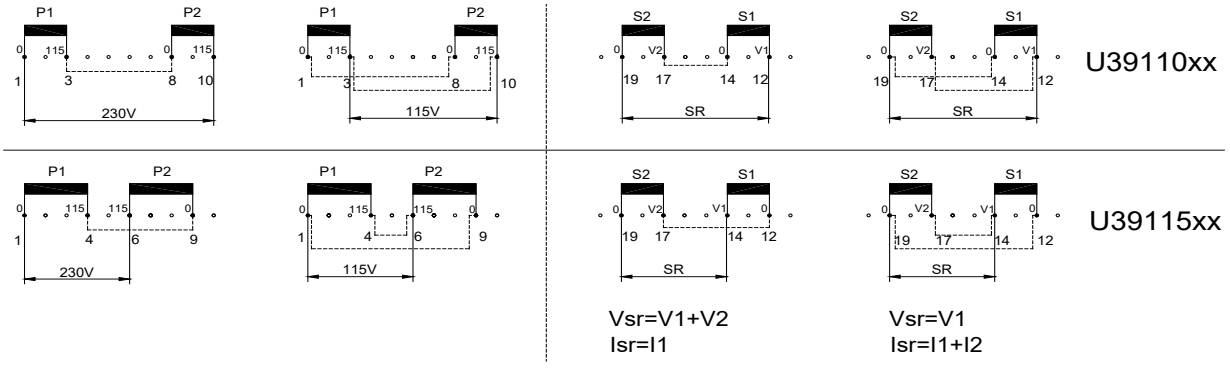
HR REFERENCE		Vo/Vsec=1,5 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 80mA/T 115V: 160mA/T
U39110xx	**U39115xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3911057	U3911557	2x4,5V	2x1222mA	2x1500mA
U3911050	U3911550	2x6V	2x916mA	2x1000mA
U3911051	U3911551	2x7,5V	2x733mA	2x800mA
U3911052	U3911552	2x9V	2x611mA	2x630mA
U3911053	U3911553	2x12V	2x458mA	2x500mA
U3911054	U3911554	2x15V	2x366mA	2x400mA
U3911055	U3911555	2x18V	2x305mA	2x315mA
U3911056	U3911556	2x24V	2x229mA	2x250mA

U39xx5xx

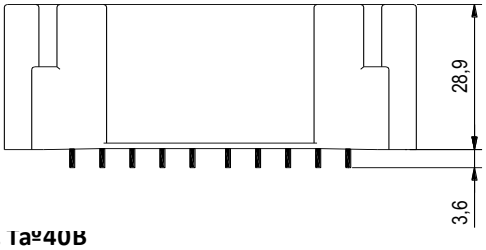


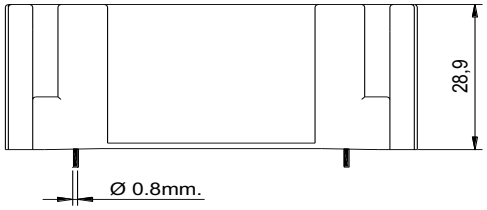
Primary connections

Secondary connections



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

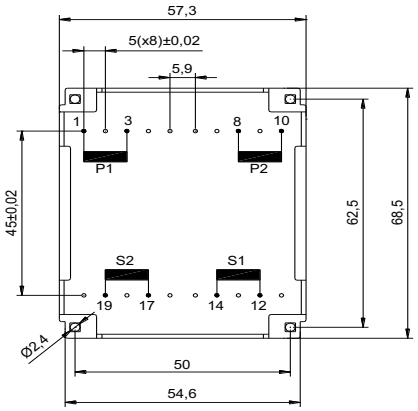




18VA. Ta40B

HR REFERENCE		Vo/Vsec=1,35 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 100mA/T 115V: 200mA/T
U39140xx	**U39145xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3914007	U3914507	2x4,5V	2x2000mA	2x2500mA
U3914000	U3914500	2x6V	2x1500mA	2x2000mA
U3914001	U3914501	2x7,5V	2x1200mA	2x1500mA
U3914002	U3914502	2x9V	2x1000mA	2x1250mA
U3914003	U3914503	2x12V	2x750mA	2x800mA
U3914004	U3914504	2x15V	2x600mA	2x630mA
U3914005	U3914505	2x18V	2x500mA	2x630mA
U3914006	U3914506	2x24V	2x375mA	2x400mA

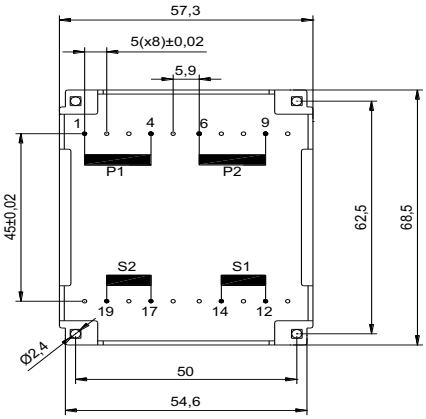
U39xx0xx



15VA. Ta70B

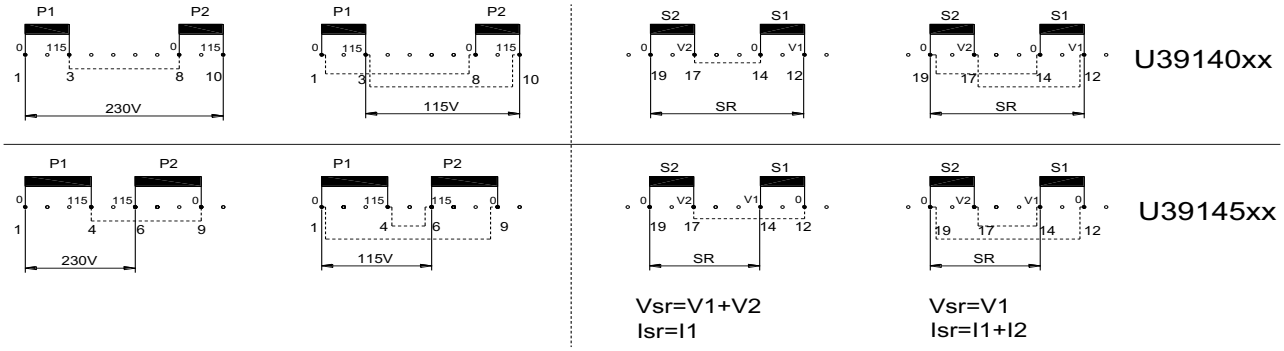
HR REFERENCE		Vo/Vsec=1,35 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 100mA/T 115V: 200mA/T
U39140xx	**U39145xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3914057	U3914557	2x4,5V	2x1666mA	2x2000mA
U3914050	U3914550	2x6V	2x1250mA	2x1500mA
U3914051	U3914551	2x7,5V	2x1000mA	2x1250mA
U3914052	U3914552	2x9V	2x833mA	2x1000mA
U3914053	U3914553	2x12V	2x625mA	2x800mA
U3914054	U3914554	2x15V	2x500mA	2x630mA
U3914055	U3914555	2x18V	2x416mA	2x500mA
U3914056	U3914556	2x24V	2x312mA	2x400mA

U39xx5xx



Primary connections

Secondary connections



Vsr=V1+V2
Isr=I1

Vsr=V1
Isr=I1+I2

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

U3917 (UI 39/17)

24VA - Ta40ºB

20VA - Ta70ºB

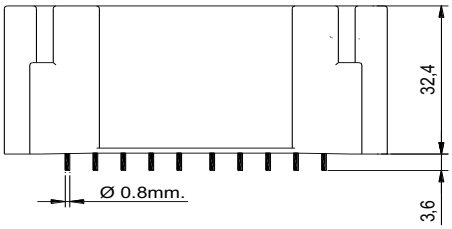
www.efiter.com

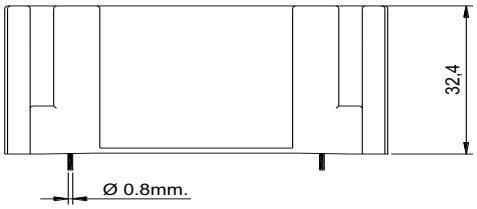
weight - 490gr.

home>>index

ENCAPSULATED TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

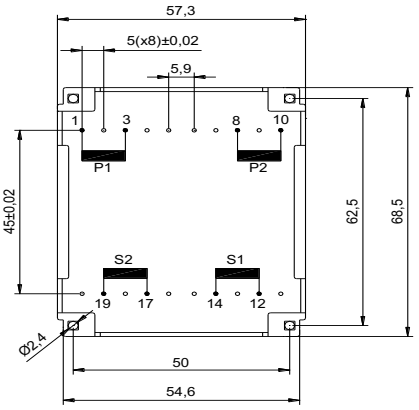




24VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 125mA/T 115V: 250mA/T
U39140xx	**U39145xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3917007	U3917507	2x4,5V	2x2666mA	2x3150mA
U3917000	U3917500	2x6V	2x2000mA	2x2500mA
U3917001	U3917501	2x7,5V	2x1600mA	2x2000mA
U3917002	U3917502	2x9V	2x1333mA	2x1600mA
U3917003	U3917503	2x12V	2x1000mA	2x1250mA
U3917004	U3917504	2x15V	2x800mA	2x1000mA
U3917005	U3917505	2x18V	2x666mA	2x800mA
U3917006	U3917506	2x24V	2x500mA	2x630mA

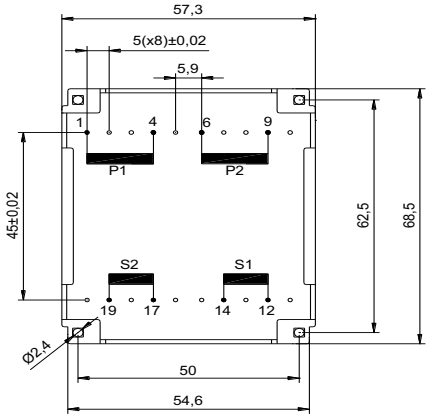
U39xx0xx



20VA. Taº70B

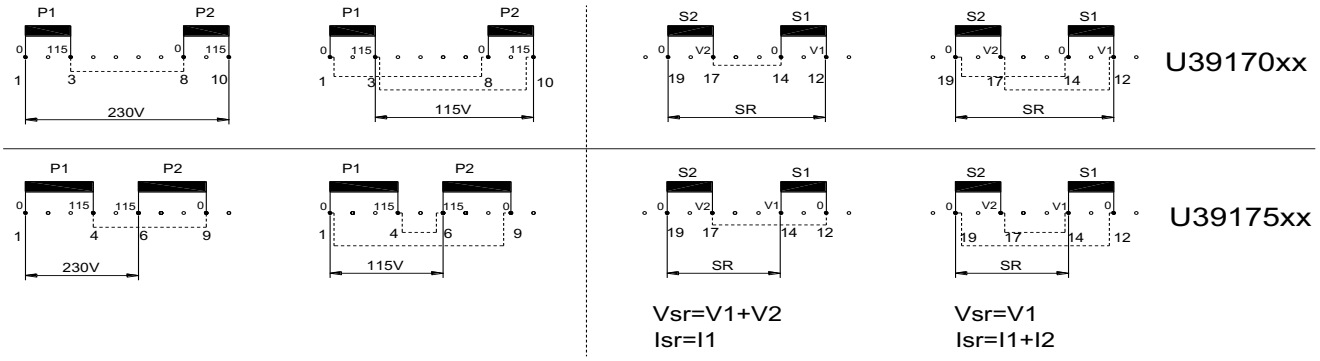
HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 125mA/T 115V: 250mA/T
U39140xx	**U39145xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3917057	U3917557	2x4,5V	2x2222mA	2x2500mA
U3917050	U3917550	2x6V	2x1666mA	2x2000mA
U3917051	U3917551	2x7,5V	2x1333mA	2x1600mA
U3917052	U3917552	2x9V	2x1111mA	2x1250mA
U3917053	U3917553	2x12V	2x833mA	2x1000mA
U3917054	U3917554	2x15V	2x666mA	2x800mA
U3917055	U3917555	2x18V	2x555mA	2x630mA
U3917056	U3917556	2x24V	2x416mA	2x500mA

U39xx5xx



Primary connections

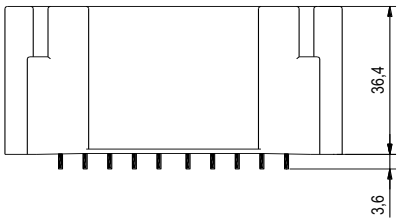
Secondary connections

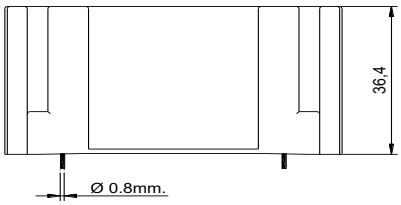


Vsr=V1+V2
Isr=I1

Vsr=V1
Isr=I1+I2

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

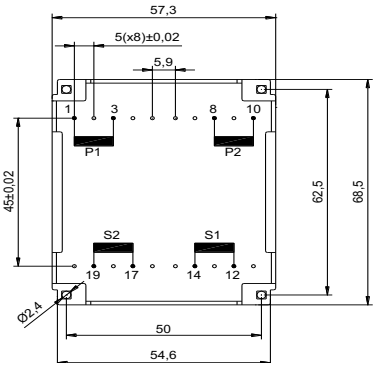




30VA. Taº40B

HR REFERENCE		Vo/Vsec=1,2 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
U39140xx	**U39145xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3921007	U3921507	2x4,5V	2x3333mA	2x4000mA
U3921000	U3921500	2x6V	2x2500mA	2x3150mA
U3921001	U3921501	2x7,5V	2x2000mA	2x2500mA
U3921002	U3921502	2x9V	2x1666mA	2x2000mA
U3921003	U3921503	2x12V	2x1250mA	2x1600mA
U3921004	U3921504	2x15V	2x1000mA	2x1250mA
U3921005	U3921505	2x18V	2x833mA	2x1000mA
U3921006	U3921506	2x24V	2x625mA	2x800mA

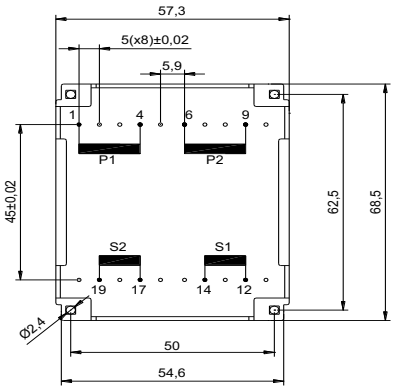
U39xx0xx



24VA. Taº70B

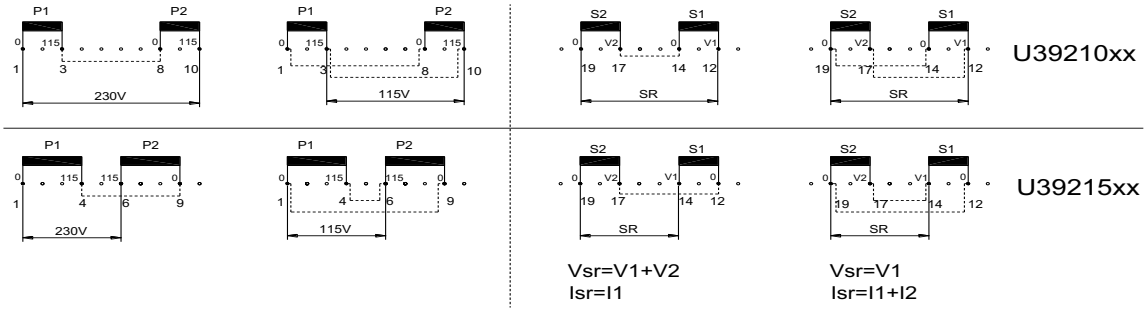
HR REFERENCE		Vo/Vsec=1,2 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
U39140xx	**U39145xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U3921057	U3921557	2x4,5V	2x2666mA	2x3150mA
U3921050	U3921550	2x6V	2x2000mA	2x2500mA
U3921051	U3921551	2x7,5V	2x1600mA	2x2000mA
U3921052	U3921552	2x9V	2x1333mA	2x1600mA
U3921053	U3921553	2x12V	2x1000mA	2x1250mA
U3921054	U3921554	2x15V	2x800mA	2x1000mA
U3921055	U3921555	2x18V	2x666mA	2x800mA
U3921056	U3921556	2x24V	2x500mA	2x630mA

U39xx5xx



Primary connections

Secondary connections



Vsr=V1+V2
Isr=I1

Vsr=V1
Isr=I1+I2

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

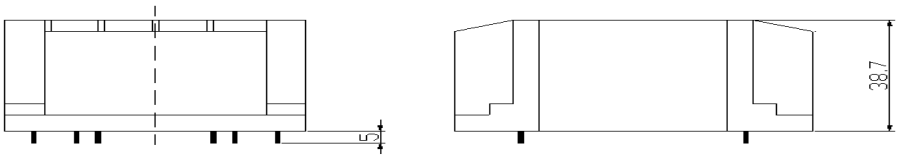
U4817 (UI 48/17)

45VA - Ta40ºB
40VA - Ta70ºB

weight - 700gr.

ENCAPSULATED TRANSFORMERS

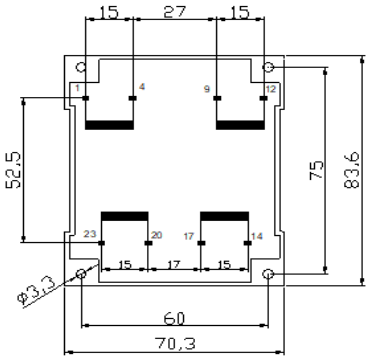
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



45VA. Taº40B

HR REFERENCE		Vo/Vsec=1,2 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
U48170xx	**U48175xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U4817007	U4817507	2x4,5V	2x5000mA	2x55000mA
U4817000	U4817500	2x6V	2x37500mA	2x38000mA
U4817001	U4817501	2x7,5V	2x3214mA	2x3250mA
U4817002	U4817502	2x9V	2x2500mA	2x2550mA
U4817003	U4817503	2x12V	2x1875mA	2x1900mA
U4817004	U4817504	2x15V	2x1500mA	2x1550mA
U4817005	U4817505	2x18V	2x1250mA	2x1300mA
U4817006	U4817506	2x24V	2x935mA	2x975mA

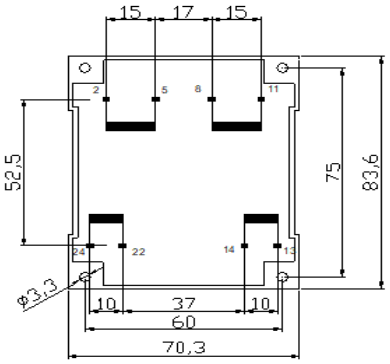
U48xx0xx



50VA. Taº70B

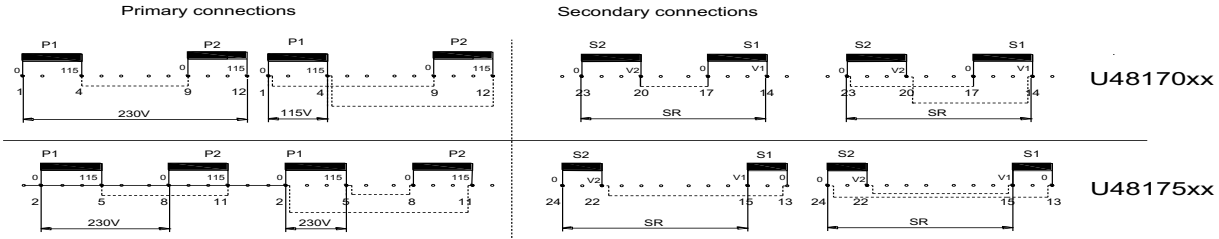
HR REFERENCE		Vo/Vsec=1,2 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
U48170xx	**U48175xx**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
U4817057	U4817557	2x4,5V	2x5555mA	2x56000mA
U4817050	U4817550	2x6V	2x4166mA	2x4175mA
U4817051	U4817551	2x7,5V	2x3333mA	2x3350mA
U4817052	U4817552	2x9V	2x2777mA	2x2800mA
U4817053	U4817553	2x12V	2x2083mA	2x2100mA
U4817054	U4817554	2x15V	2x1666mA	2x17000mA
U4817055	U4817555	2x18V	2x1388mA	2x1400mA
U4817056	U4817556	2x24V	2x1041mA	2x1050mA

U48xx5xx



Primary connections

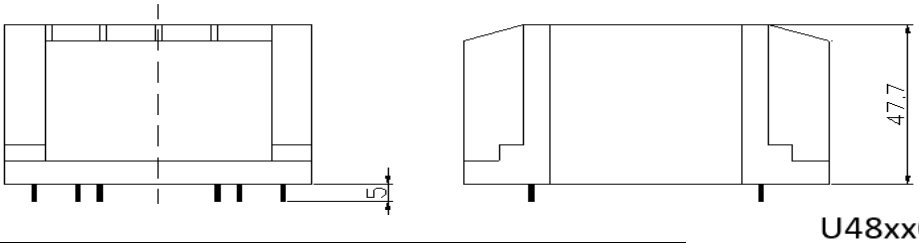
Secondary connections



Vsr=V1+V2
Isr=I1

Vsr=V1
Isr=I1+I2

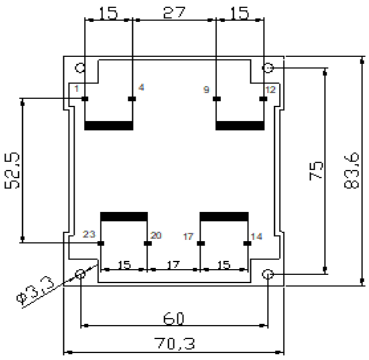
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .



55VA. Taº40B

HR REFERENCE		Vo/Vsec=1,2 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
U48260xx	U48265xx	Vsec	Isec	Prot. Sec. mA/F
U4826007	U4826507	2x4,5V	2x6111mA	2x6150mA
U4826000	U4826500	2x6V	2x4583mA	2x4750mA
U4826001	U4826501	2x7,5V	2x3666mA	2x3750mA
U4826002	U4826502	2x9V	2x3055mA	2x3100mA
U4826003	U4826503	2x12V	2x2291mA	2x2300mA
U4826004	U4826504	2x15V	2x1833mA	2x1875mA
U4826005	U4826505	2x18V	2x1527mA	2x1550mA
U4826006	U4826506	2x24V	2x1145mA	2x1150mA

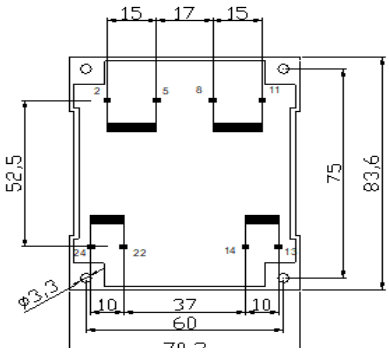
U48xx0xx

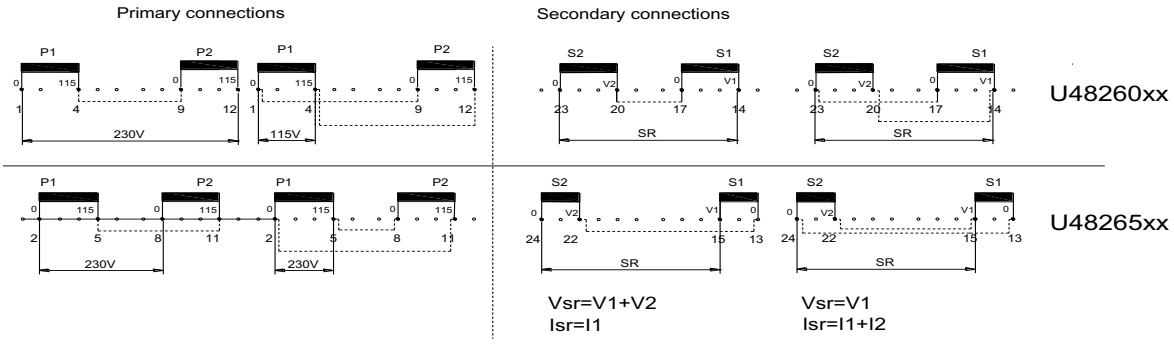


60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,2 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 160mA/T 115V: 315mA/T
U48260xx	U48265xx	Vsec	Isec	Prot. Sec. mA/F
U4826057	U4826557	2x4,5V	2x6666mA	2x66750mA
U4826050	U4826550	2x6V	2x5000mA	2x5150mA
U4826051	U4826551	2x7,5V	2x4000mA	2x4050mA
U4826052	U4826552	2x9V	2x3333mA	2x1600mA
U4826053	U4826553	2x12V	2x2500mA	2x2550mA
U4826054	U4826554	2x15V	2x2000mA	2x2050mA
U4826055	U4826555	2x18V	2x1666mA	2x1675mA
U4826056	U4826556	2x24V	2x1250mA	2x1275mA

U48xx5xx

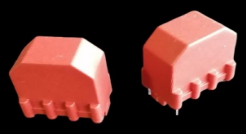




According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 .

COMMON MODE POWER LINE CHOKE

HR1900/ HR 1901/ HR 1902 SERIES



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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

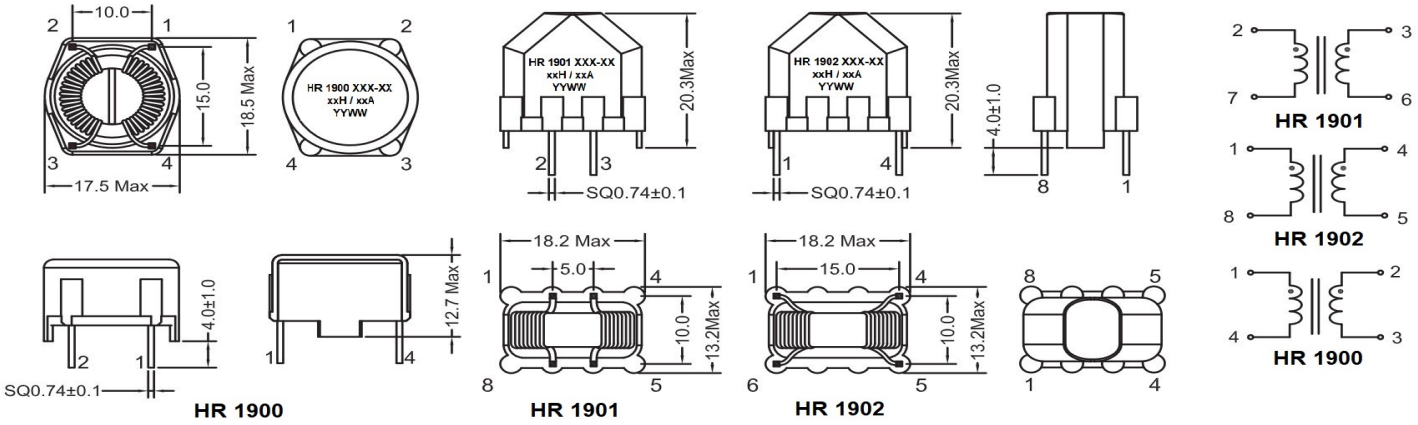
FEATURES

Rated voltage 250VAC
Rated inductance 0,2mH to 47mH
Rated current 0,3A a 6A
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

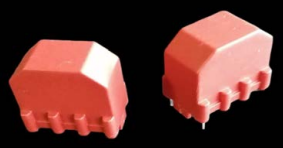
PART Number	Inductance (mH) +50/-30%	Leakage Inductance (uH)typ	DC Resistance (mO)typ	Rated current (mA)
HR 190X 000	47	500	2200	300
HR 190X 001	39	450	2000	400
HR 190X 002	27	290	1400	500
HR 190X 003	18	250	1100	500
HR 190X 004	15	170	700	600
HR 190X 005	10	110	550	700
HR 190X 006	6.8	80	280	1200
HR 190X 007	3.3	37	180	1500
HR 190X 008	1.0	13	80	2000
HR 190X 009	0.6	8	60	2500
HR 190X 010	0.4	6	35	3600
HR 190X 011	0.3	4	30	4000
HR 190X 012	0.2	2.5	15	6000

TECHNICAL INFORMATION



COMMON MODE POWER LINE CHOKE

HR1903 /HR 1904/ HR 1905 SERIES



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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

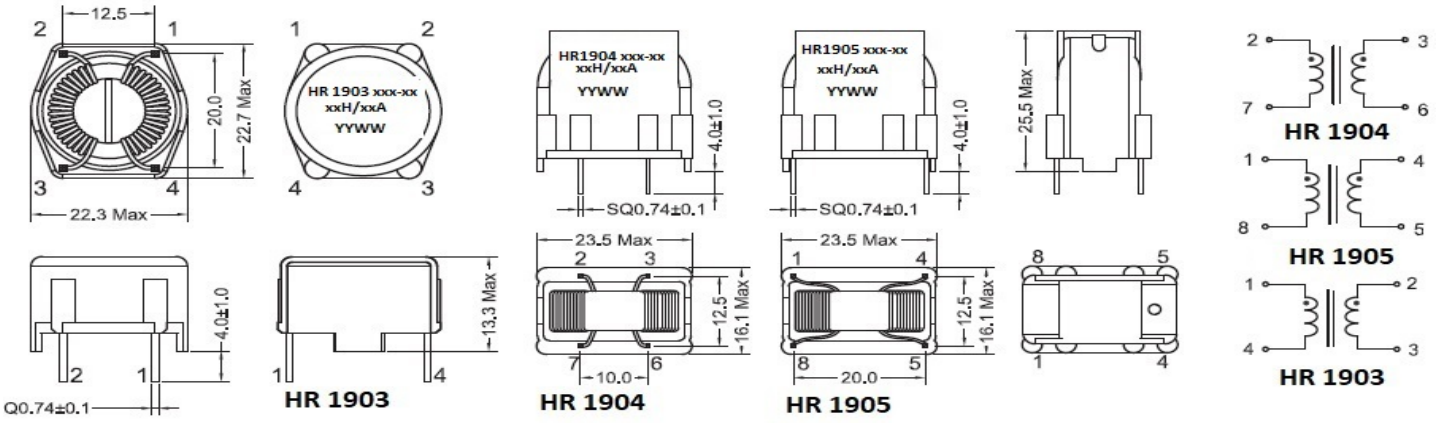
FEATURES

Rated voltage 250VAC
Rated current 0,3A a 3A
Rated inductance 1,2mH to 68mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

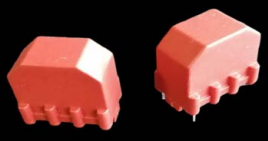
PART Number	Inductance (mH) +50/-30%	Leakage Inductance (uH)typ	DC Resistance (mΩ)typ	Rated current (mA)
HR 190X 000	68	800	2500	300
HR 190X 001	56	600	2000	500
HR 190X 002	47	550	1500	500
HR 190X 003	39	400	1120	500
HR 190X 004	27	270	600	800
HR 190X 005	15	170	540	1000
HR 190X 006	10	90	240	1300
HR 190X 007	6.8	90	230	1500
HR 190X 008	4.2	45	175	1700
HR 190X 009	4.0	45	133	2000
HR 190X 010	3.3	35	130	2000
HR 190X 011	2.2	30	130	2000
HR 190X 012	1.7	20	80	2500
HR 190X 013	1.2	17	56	3000

TECHNICAL INFORMATION



COMMON MODE POWER LINE CHOKE

HR1906, HR 1907, HR 1908 SERIES



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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

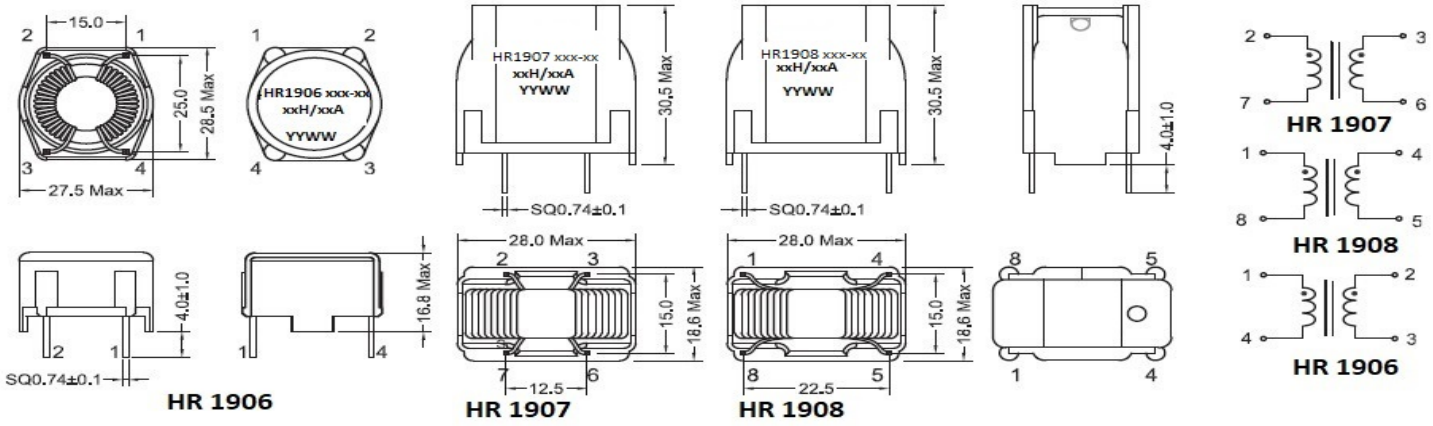
FEATURES

Rated voltage 250VAC
Rated current 0,5A a 8A
Rated inductance 0,45mH to 56mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH) +50/-30%	Leakage Inductance (uH)typ	DC Resistance (mΩ)typ	Rated current (mA)
HR 190X 000	56	680	1800	500
HR 190X 001	47	580	1450	600
HR 190X 002	39	430	750	1000
HR 190X 003	27	270	440	1400
HR 190X 004	10	130	240	1800
HR 190X 005	5.6	70	160	2000
HR 190X 006	2.7	30	60	4000
HR 190X 007	1.0	12	22	6000
HR 190X 008	0.45	5	11	8000

TECHNICAL INFORMATION



COMMON MODE POWER LINE CHOKE

HR1920 SERIES

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

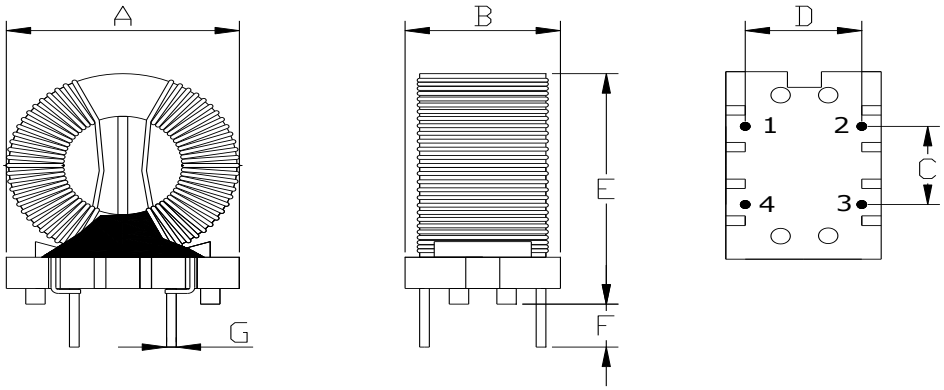
FEATURES

Rated voltage 250VAC
Rated current 1,5A a 20A
Rated inductance 0,68mH to 33mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (A)
HR 1920 000	33	0.40	1.5
HR 1920 001	22	0.25	2.0
HR 1920 002	10	0.15	2.5
HR 1920 003	6.8	0.10	3.0
HR 1920 004	3.9	0.04	4.0
HR 1920 005	3.3	0.03	4.0
HR 1920 006	2.2	0.02	9.0
HR 1920 007	1.0	0.01	15.0
HR 1920 008	0.68	0.006	20.0

TECHNICAL INFORMATION



Part number	A	B	C	D	E	F	G
HR 1920	30.5	18.5	15.0	15.0	32.0	5.0	1.0

COMMON MODE POWER LINE CHOKE

HR 1921 SERIES

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

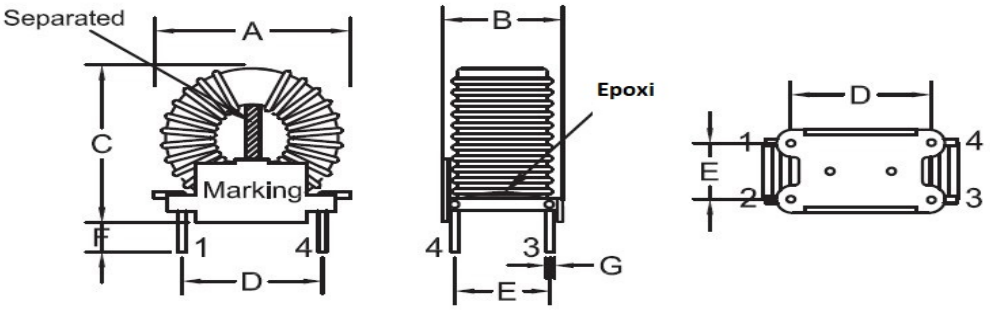
FEATURES

Rated voltage 250VAC
Rated current 1,5A a 15A
Rated inductance 1.0 mH to 33mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (A)
HR 1921 000	33	0.25	1.5
HR 1921 001	25	0.15	2.0
HR 1921 002	15	0.10	2.5
HR 1921 003	10	0.06	3.0
HR 1921 004	6.8	0.04	4.0
HR 1921 005	3.3	0.025	5.0
HR 1921 006	2.2	0.010	9.0
HR 1921 007	1.0	0.006	15.0

TECHNICAL INFORMATION



Part number	A	B	C	D	E	F	G
HR 1921	35.0	20.3	33.5	22.8	15.2	3.0	1.2

COMMON MODE POWER LINE CHOKE

HR 1922 SERIES

www.efiter.com

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

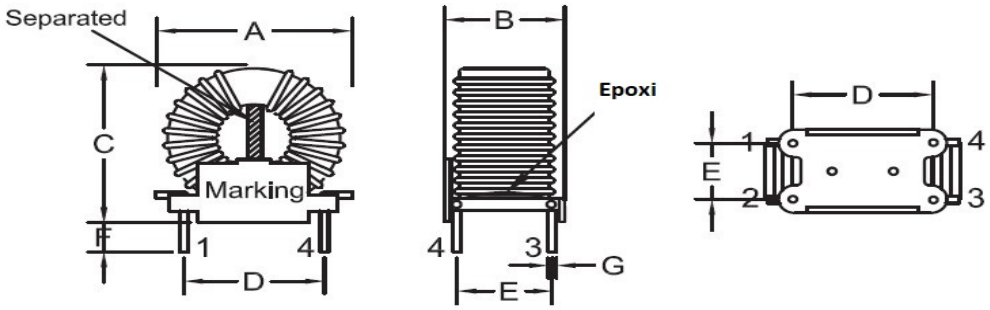
FEATURES

Rated voltage 250VAC
Rated current 4,0A a 30A
Rated inductance 1 mH to 33mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (A)
HR 1922 000	33	0,12	4.0
HR 1922 001	22	0.08	5.0
HR 1922 002	15	0.052	6.0
HR 1922 003	10	0.035	7.0
HR 1922 004	6.8	0.028	8.0
HR 1922 005	4.7	0.022	10.0
HR 1922 006	3.3	0.015	15.0
HR 1922 007	2.2	0.0085	18.0
HR 1922 008	1.5	0.005	25.0
HR 1922 008	1.0	0.0075	30.0

TECHNICAL INFORMATION



Part number	A	B	C	D	E	F	G
HR 1922	44.7	22.8	42.0	35.5	17.8	3.0	1.2

COMMON MODE POWER LINE CHOKE

HR 1923 SERIES

www.efiter.com

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

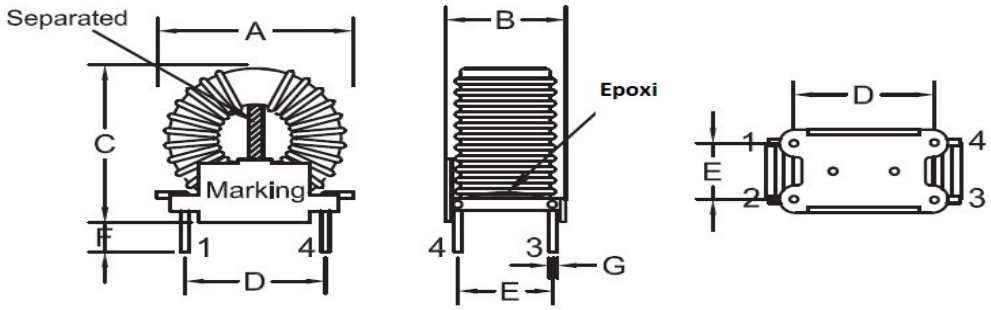
FEATURES

Rated voltage 250VAC
Rated current 2,0A a 30A
Rated inductance 2.2 mH to 100mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 1500vac/5mA/2sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (A)
HR 1923 000	100	0.50	2.0
HR 1923 001	56	0.20	4.0
HR 1923 002	33	0.10	7.0
HR 1923 003	18	0.05	10.0
HR 1923 004	10	0.03	15.0
HR 1923 005	6.8	0.02	17.0
HR 1923 006	4.2	0.015	20.0
HR 1923 007	3.0	0.012	25.0
HR 1923 008	2.2	0.009	30.0

TECHNICAL INFORMATION



Part number	A	B	C	D	E	F	G
HR 1923	52.0	27.8	58.0	38.0	22.8	4.0	1.2

POWER LINE Chokes

HR1925 Series

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

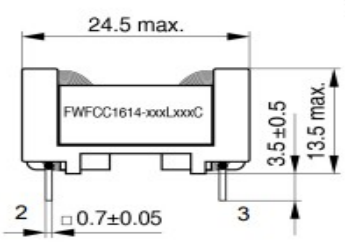
FEATURES

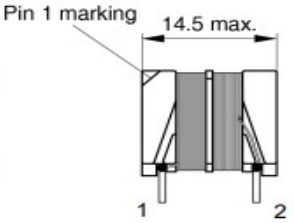
- Reduces radiated EMI emissions.
- Filters commond mode noise for EMI reduction.
- Very good inductance /rated current ratio.
- Copper wire wond around the coil.
- Current- compensated frame core double choke..
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

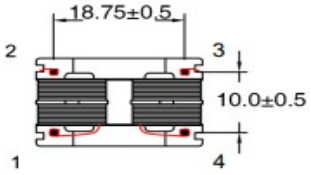
ELECTRICAL CHARACTERISTICS

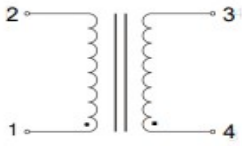
PART Number	Inductance (mH)	DC Resistence (Ω)typ	Lk (mH)	Rated Current (A max)
HR 1925 104 0	100.0	2.930	1930	0.45
HR 1955 683 0	68.0	1.970	1340	0.6
HR 1925 473 0	47.0	1.260	920	0.7
HR 1925 393 0	39.0	1.100	760	0.8
HR 1925 273 0	27.0	0.770	520	0.9
HR 1925 153 0	15.0	0.430	290	1.3
HR 1925 103 0	10.0	0.290	200	1.6

TECHNICAL INFORMATION









SMD Common Mode double Chokes

HR1930 Series

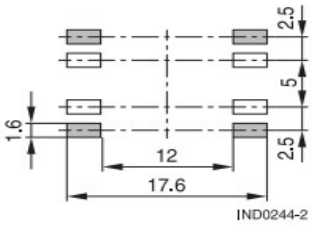
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

FEATURES

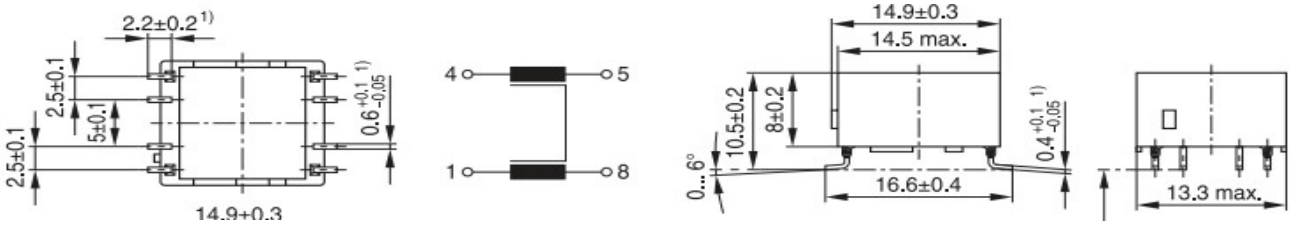
- Reduces radiated EMI emissions.
- Filters commond mode noise for EMI reduction.
- Commond mode attenuation from 100KHz to 1GHz
- Copper wire wond around the coil.
- High saturation current.
- Operating temperature: -40ºC to +105ºC
- Rated voltage 250V AC (50/60Hz)
- Inductance tolerance -30/+50% at 20ºC
- All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistence (mΩ)typ	L Leakage (uH)	Rated Current (A max)
HR 1930 223 0	22	1500	130	0.45
HR 1930 123 0	12	1100	80	0.6
HR 1930 442 0	4.4	400	30	0.7
HR 1930 302 0	3.0	220	20	0.8
HR 1930 162 0	1.6	110	10	0.9
HR 1930 112 0	1.1	65	6	1.3



TECHNICAL INFORMATION



COMMON MODE POWER LINE CHOKE

HR 1940 HR 1941 SERIES

www.efiter.com

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

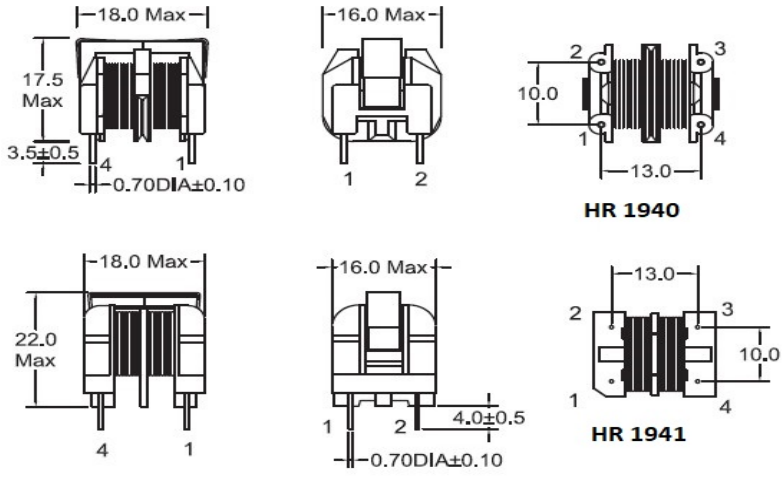
FEATURES

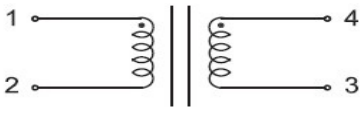
Rated voltage 250VAC
Rated current 150mA to 1300mA
Rated inductance 0.5mH to 33mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 2500vac/1mA/60sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (mA)
HR 194X 000	33	5.50	100
HR 194X 001	27	3.50	150
HR 194X 002	20	2.40	200
HR 194X 003	15	1.50	300
HR 194X 004	10	1.00	400
HR 194X 005	6	0.50	500
HR 194X 006	3.5	0.38	600
HR 194X 007	2.5	0.25	700
HR 194X 008	1.5	0.19	800
HR 194X 009	1.0	0.15	900
HR 194X 010	0.8	0.11	1000
HR 194X 011	0.7	0.09	1200
HR 194X 012	0.5	0.07	1300

TECHNICAL INFORMATION





Dimensions in mm
Tolerance :+/- 0.50

COMMON MODE POWER LINE CHOKE

HR 1942 HR 1943 SERIES

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

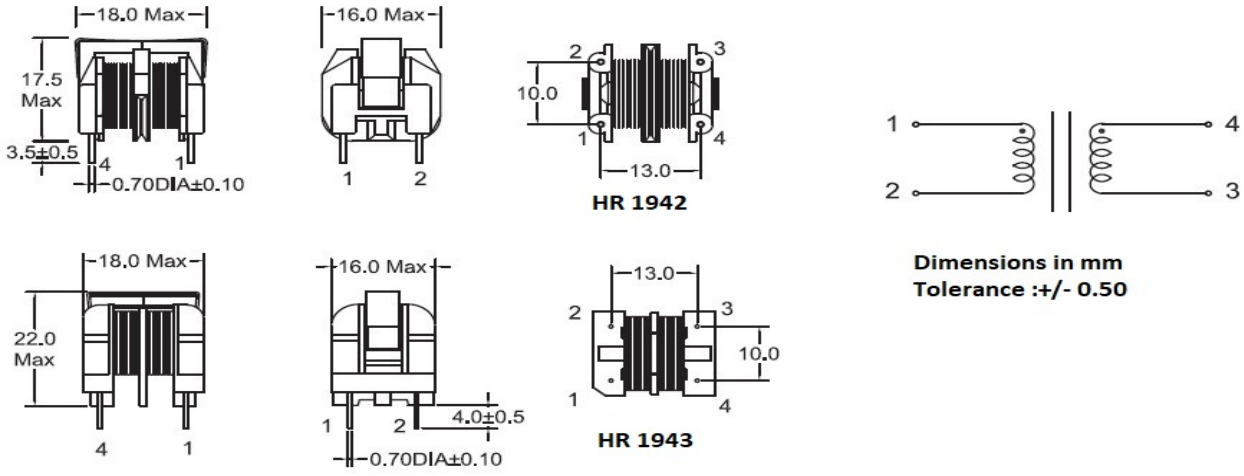
FEATURES

Rated voltage 250VAC
Rated current 250mA to 1500mA
Rated inductance 1mH to 43mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 2500vac/1mA/60sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (mA)
HR 194X 000	43	3.55	250
HR 194X 001	30	2.45	300
HR 194X 002	20	1.8	350
HR 194X 003	15	1.34	400
HR 194X 004	10	0.84	500
HR 194X 005	5.0	0.41	700
HR 194X 006	3.5	0.29	800
HR 194X 007	2.0	0.19	1000
HR 194X 008	1.0	0.087	1500

TECHNICAL INFORMATION



CURRENT-COMPENSATED FRAME CORE DOUBLE CHOKES

HR 1944 HR 1945 SERIES

www.efiter.com

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According DIN EN 60938-2(VDE 0565-2-1):2008-02; EN 60938-2:1999+A1:2007

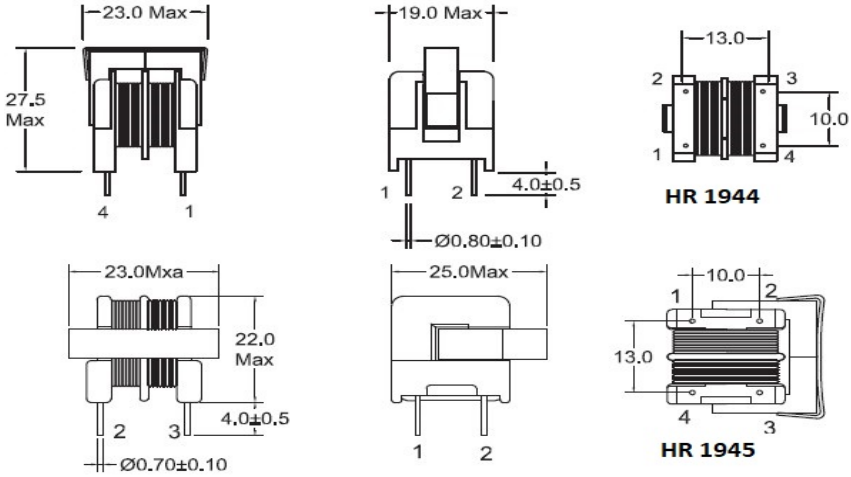
FEATURES

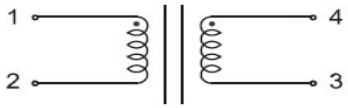
Rated voltage :85 to 250VAC,50/60Hz
Rated current 250mA to 1500mA
Rated inductance 1mH to 50mH
Turns ratio:N1:N2=1:1(+/- 2%)
Hi-Pot_Pri_Sec 2500vac/1mA/60sec
Operating temperature: -40ºC to +105ºC
All parts meet ROHS compliance

ELECTRICAL CHARACTERISTICS

PART Number	Inductance (mH)	DC Resistance (Ω)typ	Rated current (mA)
HR 194X 000	50	1.87	500
HR 194X 001	45	1.32	700
HR 194X 002	33	0.98	800
HR 194X 003	27	0.78	1000
HR 194X 004	20	0.57	1100
HR 194X 005	15	0.44	1200
HR 194X 006	10	0.32	1300
HR 194X 007	8	0.26	1500
HR 194X 008	2.5	0.08	3000
HR 194X 009	1.0	0.04	3300

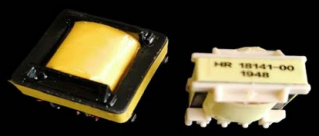
TECHNICAL INFORMATION



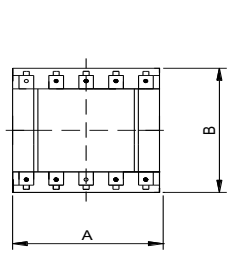


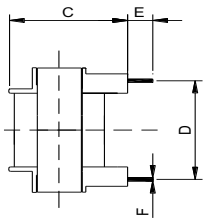
Dimensions in mm
Tolerance: +/- 0.50

HIGH FREQUENCY TRANSFORMERS
EF Series

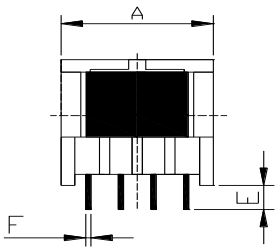


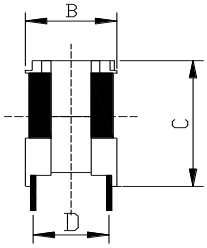
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection





HORIZONTAL





VERTICAL

MECHANICAL AND ELECTRICAL PARAMETERS

HORIZONTAL	A	B	C	D	E	F	MAX POWER
EF12,6	14.0	16.0	11,5	10,16	3,5	0,5	15W
EF16	18.0	20.0	14.0	15,24	3,5	0,6	20W
EF20	21,5	21,5	15,8	15,24	3,5	0,6	30W
EF25	27,5	28,5	20.0	20.0	3,5	0,7	45W

VERTICAL	A	B	C	D	E	F	MAX POWER
EF12,6							15W
EF16	17,8	12,6	20,5	8,9	3,5	0,6	20W
EF20	22	13,9	24,5	10,16	3,5	0,6	30W
EF25	27,5	18,9	27.0	12,7	3,5	0,7	45W

- All measures are in mm.
- Customized Request

FEATURES

- Operating Frequency: 50 to 200KHz
- Power range:15W to 45W
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

HIGH FREQUENCY TRANSFORMERS
EE Series

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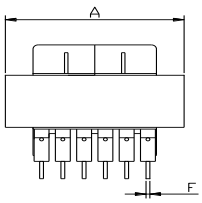
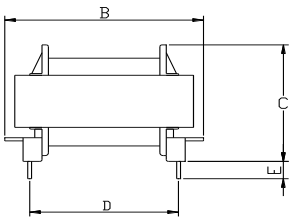
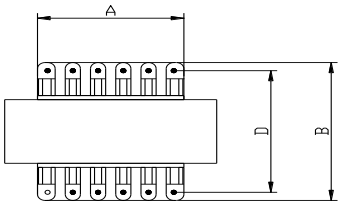
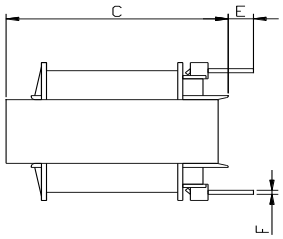
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection





HORIZONTAL





VERTICAL

• All measures are in mm.

MECHANICAL AND ELECTRICAL PARAMETERS

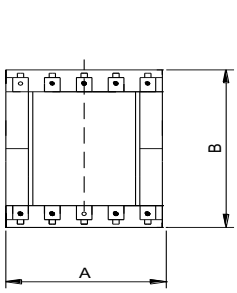
HORIZONTAL	A (Max)	B	C	D	E	F	MAX POWER
EE10	12.0	12.0	10.8	10.5	2.5	0,8	4W
EE13	15.0	15.0	13.5	10.5	2.5	0,8	6W
EE16	17.5	17.5	15.0	11.0	3.0	1.0	10W
EE19	22.0	22.0	12.4	12.5	3.0	1.0	15W
EE22	24.0	24.0	13.0	13.0	5.0	1.0	20W
EE25	26.5	26.5	17.3	14.0	5.0	1.0	25W
EE30	32.0	32.0	22.0	25.0	5.0	1.0	30W
EE40	34.0	34.0	28.6	25.8	5.0	1.0	35W
EE42	42.0	42.0	39.1	37.8	5.0	1.0	280W
EE55	56.0	56.0	48.0	40.0	5.0	1.0	280W
EE65	66.0	66.0	56.0	45.0	5.0	1.0	1450W
EE70	71.0	71.0	58.0	50.0	5.0	1.0	2118W
VERTICAL	A (Max)	B	C	D	E	F	MAX POWER
EE10	12.0	10.4	13.0	10.5	2.5	0,8	4W
EE13	15.0	12.2	14.0	10.5	2.5	0,8	6W
EE16	17.5	14.4	15.0	11.0	3.0	1.0	10W
EE19	22.0	15.9	19.0	12.5	3.0	1.0	15W
EE22	24.0	16.5	20.0	13.0	5.0	1.0	20W
EE25	26.5	17.2	22.0	14.0	5.0	1.0	25W
EE30	32.0	28.0	30.	25.0	5.0	1.0	30W
EE40	34.0	28.9	33.0	25.8	5.0	1.0	35W
EE42	42.0	37.4	43.0	37.8	5.0	1.0	45W
EE55	56.0	56.0	48.0	40.0	5.0	1.0	280W
EE65	66.0	66.0	56.0	45.0	5.0	1.0	1450W
EE70	71.0	71.0	58.0	50.0	5.0	1.0	2118W

FEATURES

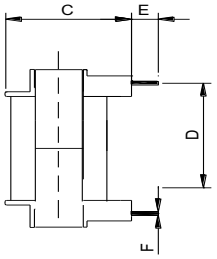
- Power range:4 Wto 2118W
- Operating Frequency: 50 to 200KHz
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335

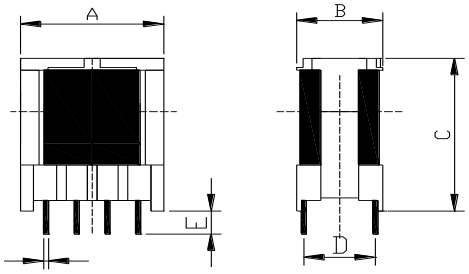
HIGH FREQUENCY TRANSFORMERS
EEL Series

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



HORIZONTAL





VERTICAL

MECHANICAL AND ELECTRICAL PARAMETERS

HORIZONTAL	A (Max)	B	C	D	E	F	MAX POWER
EEL16	18.5	28.0	16.5	23.0	4.0	0.6	4W
EEL19	22.0	32.0	16.5	24.2	4.0	0.6	6W
EEL22	28.5	35.0	21.0	27.5	4.0	0.6	10W
EEL25	27.5	34.0	21.0	27.5	4.0	0.6	15W

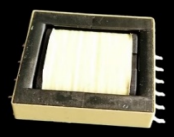
VERTICAL	A (Max)	B	C	D	E	F	MAX POWER
EEL16	18.5	17.5	32	12.2	4.0	0.6	4W
EEL19	20.5	17.5	33	12	4.0	0.6	6W
EEL22	26.0	18.0	35.0	13.5	4.0	0.6	10W
EEL25	26.0	18.0	35.0	13.5	4.0	0.6	15W

- All measures are in mm.
- Customized Request

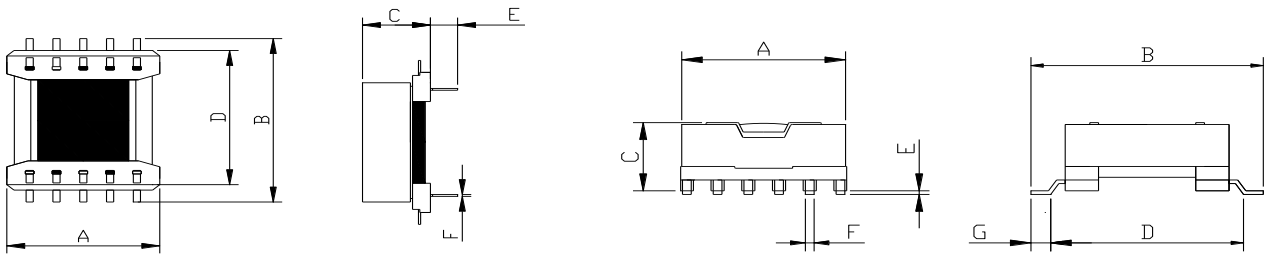
FEATURES

- Power range: 4 Wto 50W
- Operating Frequency: 50 to 200KHz
- Power range:4w to 50W
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

HIGH FREQUENCY TRANSFORMERS
EFD Series



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



SMD

MECHANICAL AND ELECTRICAL PARAMETERS

HORIZONTAL	A	B	C	D	E	F	MAX POWER
EFD15	15,2	16,7	8	13,75	3,6	0,6	1,7W
EFD20	20,2	21,2	10	17,5	3,6	0,6	1,8W
EFD25	25,2	26,2	12,55	22,5	3,6	0,8	1,75W
EFD30	29,2	31,2	12,55	27,5	3,6	0,8	3,0W

SMD	A	B	C	D	E	F	MAX POWER
EFD15	15,1	21,6	7,35	17	0,4	0,8	1,7W
EFD20	21,5	24,6	10	21	0,3	0,7	1,8W
EFD25	25	31,5	12,5	28	0,9	0,8	1,75W
EFD30	29,2	31,2	12,55	27,5	3,6	0,8	3,0w

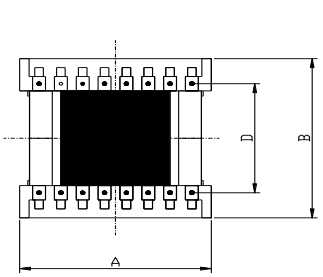
- All measures are in mm.
- Customized Request

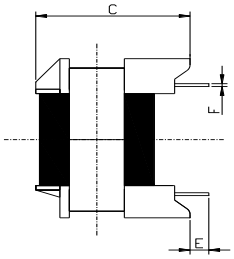
FEATURES

- Operating Frequency: 50 to 200KHz
- Power range:65W
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

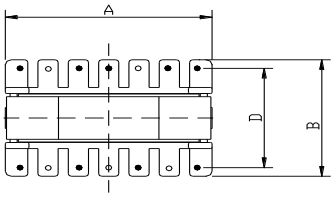
HIGH FREQUENCY TRANSFORMERS
ETD Series

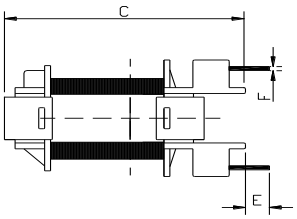
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection





HORIZONTAL





VERTICAL

MECHANICAL AND ELECTRICAL PARAMETERS

HORIZONTAL	A	B	C	D	E	F	MAX POWER
ETD29	36	36	26,5	25,4	4,5	0,8	15W
ETD34	40,5	42,5	34,5	25,4	4,5	0,8	20W
ETD39	42,9	47,6	36,6	30,48	4,5	1	30W
ETD44	49,6	52,2	38,1	35,56	4,5	1	45W
ETD49	54,5	57,2	40,6	40,64	4,5	1	55W

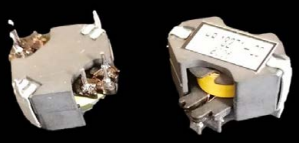
VERTICAL	A	B	C	D	E	F	MAX POWER
ETD29	35	23,8	41,5	20,32	4,5	0,8	15W
ETD34	39,6	27	44	22,86	4,5	0,8	20W

- All measures are in mm.
- Customized Request

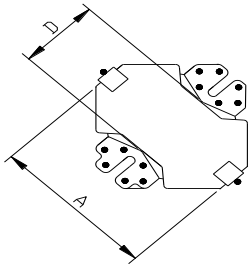
FEATURES

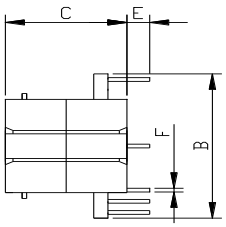
- Operating Frequency: 50 to 200KHz
- Power range:15W to 55W
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

HIGH FREQUENCY TRANSFORMERS
RM Series



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection





MECHANICAL AND ELECTRICAL PARAMETERS

HORIZONTAL	A	B	C	D	E	F	MAX POWER
RM4	11.4	11.99	10.5	4.6	4.5	0,6	0.11W
RM5	14.6	15.1	10.5	6.8	4.5	0,6	0.17W
RM6	17.6	18,1	12.4	8.0	4.5	0,65	0.38W
RM8	22.5	23	16.4	10.8	4.5	0,65	0.91W
RM10	28.5	27.94	18.6	13.5	4.5	0,75	1.7W
RM12	36.75	37,25	23.5	16	4.5	0,75	3.0W
RM14	41.6	42.1	28.8	18.7	4.5	0,75	4.60W

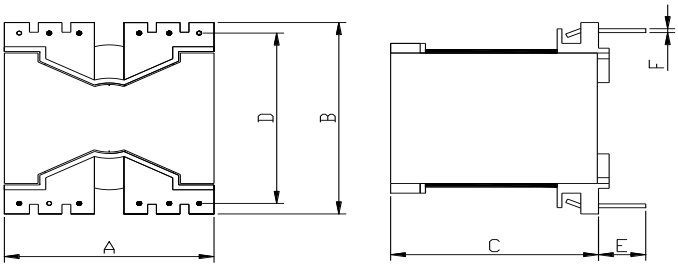
- All measures are in mm.
- Customized Request

FEATURES

- Operating Frequency: 50 to 200KHz
- Power range:0.1 to 4.6W
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

HIGH FREQUENCY TRANSFORMERS
PQ Series

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



MECHANICAL AND ELECTRICAL PARAMETERS

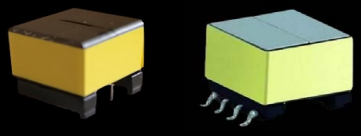
HORIZONTAL	A	B	C	D	E	F	MAX POWER
PQ20/16	23,15	23,15	17,9	20,3	7,35	0,6	72VA
PQ20/20	23,15	23,15	22	20,3	7,35	0,6	82VA
PQ26/20	26,5	29,75	21,5	25,4	7,2	0,65	92VA
PQ26/25	26,5	29,75	26,05	25,4	7,2	0,65	172VA
PQ32/20	32,15	34,3	22,35	30,5	7,2	0,75	215VA
PQ32/25	32,15	34,3	27,2	30,5	7,2	0,75	232VA
PQ32/30	32,15	34,3	32,15	30,5	7,2	0,75	280VA
PQ35/35	35,5	39,1	37,6	35,5	5,3	1	452VA
PQ40/40	40	42	45	38,1	3,6	1	596VA
PQ50/50	51	51,6	51	45,72	7,6	1,2	1045VA

- All measures are in mm.
- Customized Request

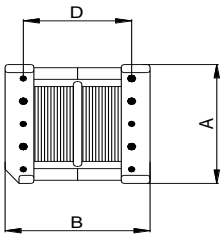
FEATURES

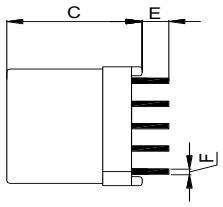
- Operating Frequency: 50 to 200KHz
- Power range:
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

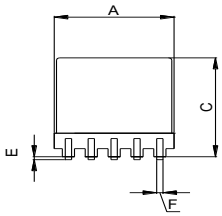
HIGH FREQUENCY TRANSFORMERS
EP Series

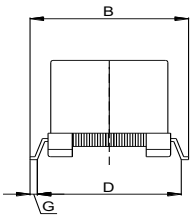


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection









SMD

MECHANICAL AND ELECTRICAL PARAMETERS

HORIZONTAL	A	B	C	D	E	F	MAX POWER
EP7	9,4	9,4	9,5	5,08	3	0,45	15W
EP10	12	11,1	11,5	7,5	3,4	0,45	20W
EP13	13,3	13,6	13	10,16	2,5	0,45	30W
EP17	19,2	19,2	15,5	15	4,7	0,6	45W
EP20	25,1	21,9	18,15	17,78	5	0,6	50W

SMD	A	B	C	D	E	F	MAX POWER
EP7	9,4	9,4	9,5	5,08	3	0,45	15W
EP10	12	11,1	11,5	7,5	3,4	0,45	20W
EP13	13,3	13,6	13	10,16	2,5	0,45	30W
EP17	19,2	19,2	15,5	15	4,7	0,6	45W
EP20	25,1	21,9	18,15	17,78	5	0,6	50W

- All measures are in mm.
- Customized Request

FEATURES

- Operating Frequency: 50 to 200KHz
- Power range:15W to 50W
- Magnetic flux leakage small,high power density, suitable for flags desing.
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance
- Construction according to regulation IEC EN60950, EN 61558
- Creepage distance according to regulation IEC EN60950, EN 61558, EN 60335
- Non standard transformers on request

C3814 (EI 38)

3,5VA - Ta40ºB

Dim:32x38x26,2mm

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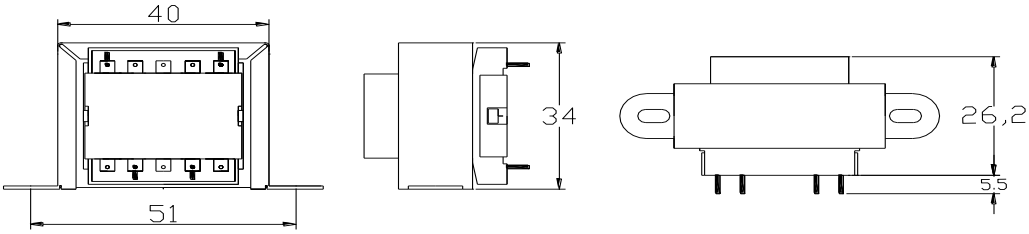
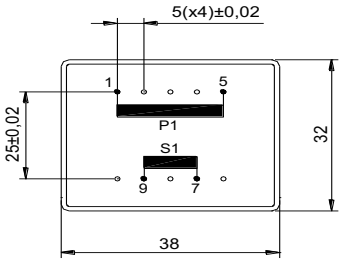
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



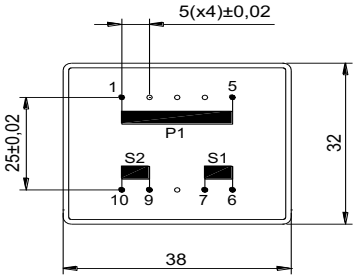
SINGLE SECONDARY, 3,5VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3814014	C3814114	4,5V	0,778mA	800mA
C3814000	C3814100	6V	0,583mA	630mA
C3814002	C3814102	7,5V	0,467mA	500mA
C3814004	C3814104	9V	0,389mA	400mA
C3814006	C3814106	12V	0,292mA	315mA
C3814008	C3814108	15V	0,233mA	250mA
C3814010	C3814110	18V	0,194mA	200mA
C3814020	C3814120	20V	0,175mA	200mA
C3814012	C3814112	24V	0,146mA	160mA



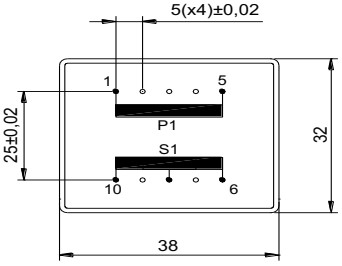
DUAL SECONDARY, 3,5VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3814015	C3814115	2x4,5V	2x389mA	2x400mA
C3814001	C3814101	2x6V	2x292mA	2x315mA
C3814003	C3814103	2x7,5V	2x233mA	2x250mA
C3814005	C3814105	2x9V	2x194mA	2x200mA
C3814007	C3814107	2x12V	2x146mA	2x160mA
C3814009	C3814109	2x15V	2x117mA	2x125mA
C3814011	C3814111	2x18V	2x97mA	2x100mA
C3814019	C3814119	2x20V	2x88mA	2x100mA
C3814013	C3814113	2x24V	2x73mA	2x80mA



CENTER TAPPED, 3,5VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3814035	C3814135	2x4,5V	2x389mA	2x400mA
C3814021	C3814121	2x6V	2x292mA	2x315mA
C3814023	C3814123	2x7,5V	2x233mA	2x250mA
C3814025	C3814125	2x9V	2x194mA	2x200mA
C3814027	C3814127	2x12V	2x146mA	2x160mA
C3814029	C3814129	2x15V	2x117mA	2x125mA
C3814031	C3814131	2x18V	2x97mA	2x100mA
C3814039	C3814139	2x20V	2x88mA	2x100mA
C3814033	C3814133	2x24V	2x73mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C3814 (EI 38)

3,0VA - Ta70ºB

Dim:32x38x26,2mm

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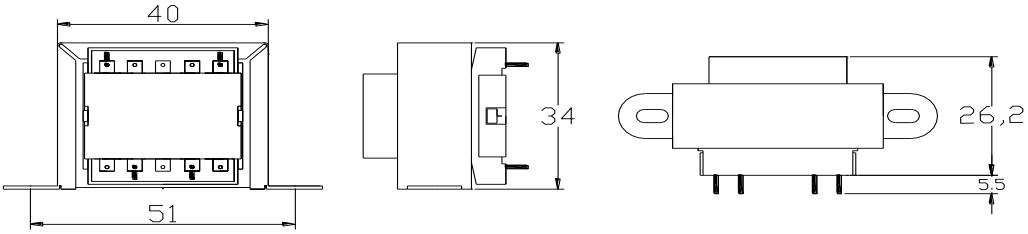
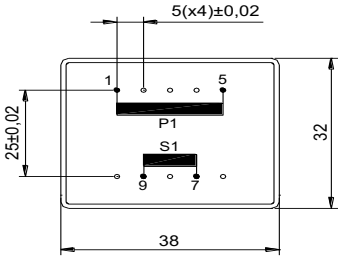
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



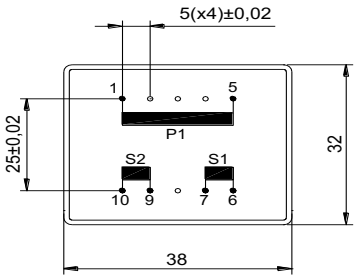
SINGLE SECONDARY, 3,0VA. Ta=70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3814064	C3814164	4,5V	667mA	800mA
C3814050	C3814150	6V	500mA	630mA
C3814052	C3814152	7,5V	400mA	500mA
C3814054	C3814154	9V	333mA	400mA
C3814056	C3814156	12V	250mA	315mA
C3814058	C3814158	15V	200mA	250mA
C3814060	C3814160	18V	167mA	200mA
C3814070	C3814170	20V	150mA	200mA
C3814062	C3814172	24V	125mA	160mA



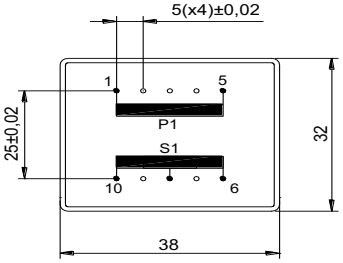
DUAL SECONDARY, 3,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3814065	C3814165	2x4,5V	2x333mA	2x400mA
C3814051	C3814151	2x6V	2x250mA	2x315mA
C3814053	C3814153	2x7,5V	2x200mA	2x250mA
C3814055	C3814155	2x9V	2x167mA	2x200mA
C3814057	C3814157	2x12V	2x125mA	2x160mA
C3814059	C3814159	2x15V	2x100mA	2x125mA
C3814061	C38141161	2x18V	2x83mA	2x100mA
C3814069	C3814169	2x20V	2x75mA	2x100mA
C3814063	C3814163	2x24V	2x63mA	2x80mA



CENTER TAPPED, 3,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3814085	C3814185	2x4,5V	2x333mA	2x400mA
C3814071	C3814171	2x6V	2x250mA	2x315mA
C3814073	C3814173	2x7,5V	2x200mA	2x250mA
C3814075	C3814175	2x9V	2x167mA	2x200mA
C3814077	C3814177	2x12V	2x125mA	2x160mA
C3814079	C3814179	2x15V	2x100mA	2x125mA
C3814081	C3814181	2x18V	2x83mA	2x100mA
C3814089	C3814189	2x20V	2x75mA	2x100mA
C3814083	C3814183	2x24V	2x63mA	2x80mA

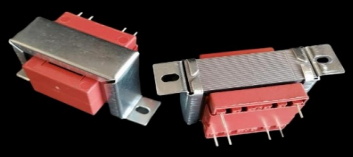


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C3820 (EI 38)

4VA - Ta70ºB

Dim:32x38x33,2mm



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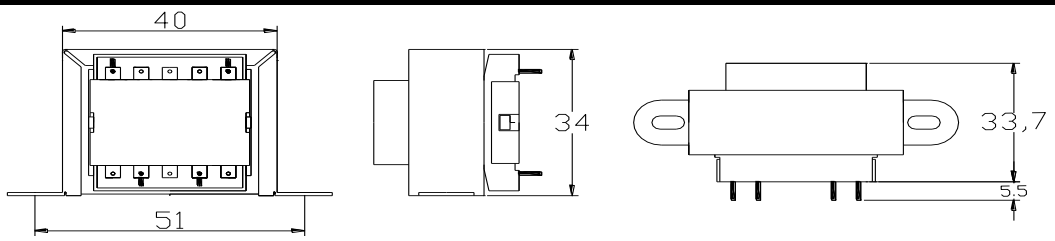
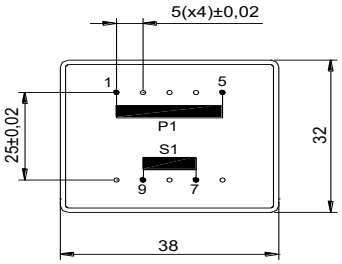
OPEM FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



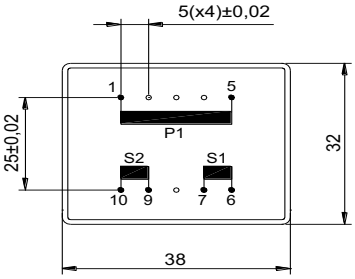
SINGLE SECONDARY, 4,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3820064	C3820164	4,5V	889mA	900mA
C3820050	C3820150	6V	667mA	700mA
C3820052	C3820152	7,5V	533mA	600mA
C3820054	C3820154	9V	444mA	500mA
C3820056	C3820156	12V	333mA	375mA
C3820058	C3820158	15V	267mA	300mA
C3820060	C3820160	18V	222mA	250mA
C3820070	C3820170	20V	200mA	250mA
C3820062	C3820172	24V	167mA	200mA



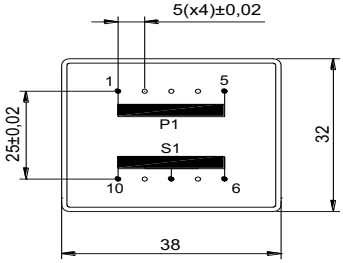
DUAL SECONDARY, 4,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3820065	C3820165	2x4,5V	2x444mA	2x500mA
C3820051	C3820151	2x6V	2x333mA	2x375mA
C3820053	C3820153	2x7,5V	2x267mA	2x300mA
C3820055	C3820155	2x9V	2x222mA	2x250mA
C3820057	C3820157	2x12V	2x167mA	2x200mA
C3820059	C3820159	2x15V	2x133mA	2x150mA
C3820061	C38201161	2x18V	2x111mA	2x125mA
C3820069	C3820169	2x20V	2x100mA	2x125mA
C3820063	C3820163	2x24V	2x83mA	2x100mA



CENTER TAPPED, 4,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3825085	C3820185	2x4,5V	2x444mA	2x500mA
C3820071	C3820171	2x6V	2x333mA	2x375mA
C3820073	C3820173	2x7,5V	2x267mA	2x300mA
C3820075	C3820175	2x9V	2x222mA	2x250mA
C3820077	C3820177	2x12V	2x167mA	2x200mA
C3820079	C3820179	2x15V	2x133mA	2x150mA
C3820081	C3820181	2x18V	2x111mA	2x125mA
C3820089	C3820189	2x20V	2x100mA	2x125mA
C3820083	C3820183	2x24V	2x83mA	2x100mA

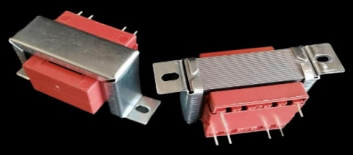


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C3820 (EI 38)

6VA - Ta40ºB

Dim:32x38x33,2mm



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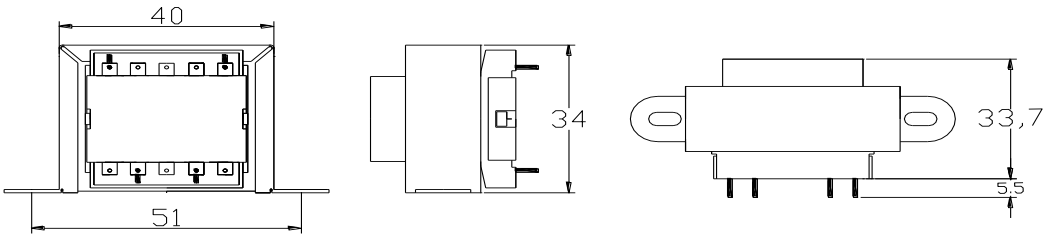
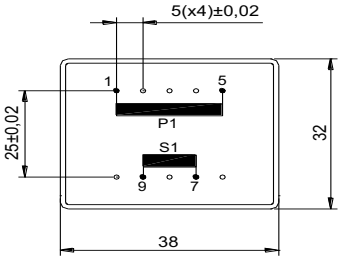
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



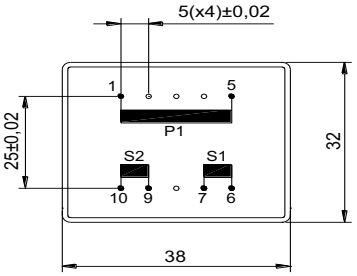
SINGLE SECONDARY, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3820014	C3820114	4,5V	1333mA	1400mA
C3820000	C3820100	6V	1000mA	1150mA
C3820002	C3820102	7,5V	800mA	1000mA
C3820004	C3820104	9V	667mA	700mA
C3820006	C3820106	12V	500mA	630mA
C3820008	C3820108	15V	400mA	500mA
C3820010	C3820110	18V	333mA	375mA
C3820020	C3820120	20V	300mA	350mA
C3820012	C3820112	24V	250mA	300mA



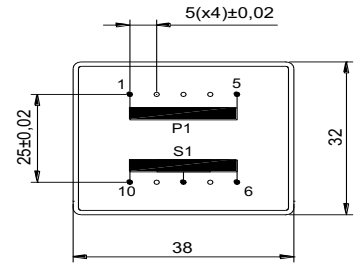
DUAL SECONDARY, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3820015	C3820115	2x4,5V	2x667mA	2x700mA
C3820001	C3820101	2x6V	2x500mA	2x550mA
C3820003	C3820103	2x7,5V	2x400mA	2x500mA
C3820005	C3820105	2x9V	2x333mA	2x200mA
C3820007	C3820107	2x12V	2x250mA	2x275mA
C3820009	C3820109	2x15V	2x200mA	2x250mA
C3820011	C3820111	2x18V	2x167mA	2x200mA
C3820019	C3820119	2x20V	2x150mA	2x175mA
C3820013	C3820113	2x24V	2x125mA	2x150mA



CENTER TAPPED, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C3820035	C3820135	2x4,5V	2x667mA	2x700mA
C3820021	C3820121	2x6V	2x500mA	2x550mA
C3820023	C3820123	2x7,5V	2x400mA	2x500mA
C3820025	C3820125	2x9V	2x333mA	2x200mA
C3820027	C3820127	2x12V	2x250mA	2x275mA
C3820029	C3820129	2x15V	2x200mA	2x250mA
C3820031	C3820131	2x18V	2x167mA	2x200mA
C3820039	C3820139	2x20V	2x150mA	2x175mA
C3820033	C3820133	2x24V	2x125mA	2x150mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4215 (EI 42)

5VA - Ta70ºB

Dim:35x42x29,8mm

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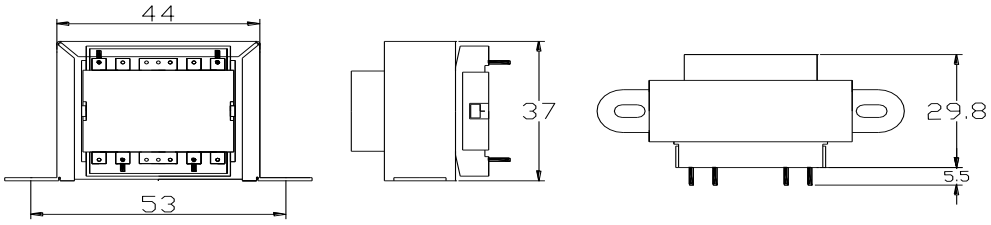
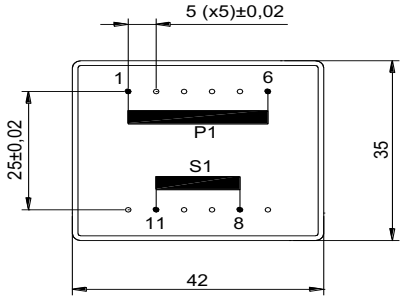
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



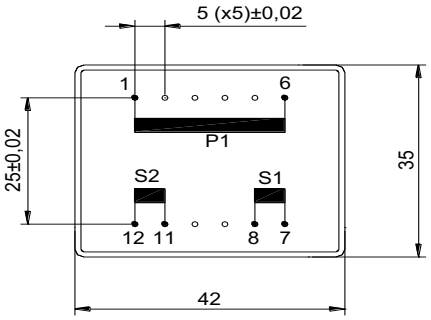
SINGLE SECONDARY, 5,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4215064	C4215164	4,5V	1111mA	1200mA
C4215050	C4215150	6V	833mA	900mA
C4215052	C4215152	7,5V	667mA	700mA
C4215054	C4215154	9V	556mA	400mA
C4215056	C4215156	12V	417mA	600mA
C4215058	C4215158	15V	333mA	350mA
C4215060	C4215160	18V	278mA	300mA
C4215070	C4215170	20V	250mA	275mA
C4215062	C4215172	24V	208mA	250mA



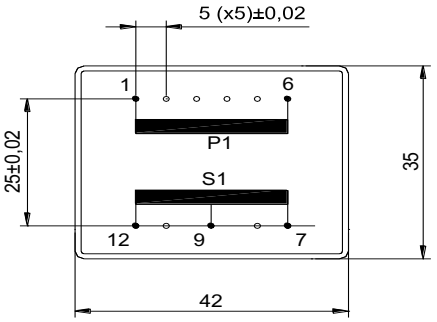
DUAL SECONDARY, 5,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4215065	C4215165	2x4,5V	2x556mA	2x600mA
C4215051	C4215151	2x6V	2x417mA	2x500mA
C4215053	C4215153	2x7,5V	2x333mA	2x375mA
C4215055	C4215155	2x9V	2x278mA	2x300mA
C4215057	C4215157	2x12V	2x208mA	2x250mA
C4215059	C4215159	2x15V	2x167mA	2x175mA
C4215061	C42151161	2x18V	2x139mA	2x150mA
C4215069	C4215169	2x20V	2x125mA	2x150mA
C4215063	C4215163	2x24V	2x104mA	2x125mA



CENTER TAPPED, 5,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4215085	C4215185	2x4,5V	2x556mA	2x600mA
C4215071	C4215171	2x6V	2x417mA	2x500mA
C4215073	C4215173	2x7,5V	2x333mA	2x375mA
C4215075	C4215175	2x9V	2x278mA	2x300mA
C4215077	C4215177	2x12V	2x208mA	2x250mA
C4215079	C4215179	2x15V	2x167mA	2x175mA
C4215081	C4215181	2x18V	2x139mA	2x150mA
C4215089	C4215189	2x20V	2x125mA	2x150mA
C4215083	C4215183	2x24V	2x104mA	2x125mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4215 (EI 42)

7VA - Ta40ºB

Dim:35x42x29,8mm

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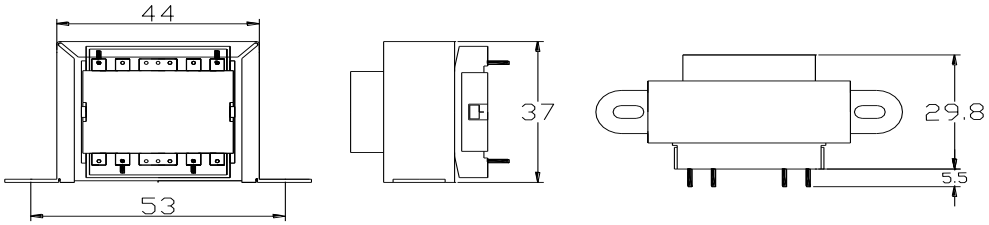
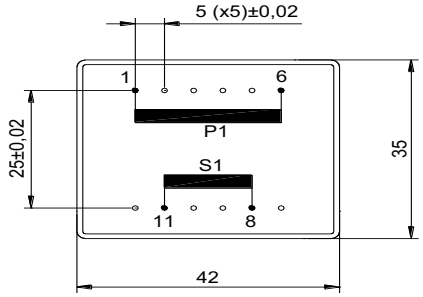
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



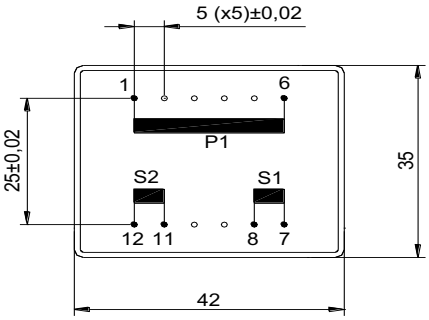
SINGLE SECONDARY, 7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4215014	C4215114	4,5V	1556mA	1600mA
C4215000	C4215100	6V	1167mA	1200mA
C4215002	C4215102	7,5V	933mA	1000mA
C4215004	C4215104	9V	778mA	800mA
C4215006	C4215106	12V	583mA	600mA
C4215008	C4215108	15V	467mA	500mA
C4215010	C4215110	18V	389mA	400mA
C4215020	C4215120	20V	350mA	375mA
C4215012	C4215112	24V	292mA	300mA



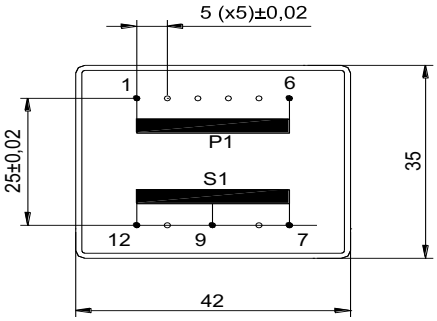
DUAL SECONDARY, 7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4215015	C4215115	2x4,5V	2x778mA	2x800mA
C4215001	C4215101	2x6V	2x583mA	2x600mA
C4215003	C4215103	2x7,5V	2x467mA	2x250mA
C4215005	C4215105	2x9V	2x389mA	2x400mA
C4215007	C4215107	2x12V	2x292mA	2x300mA
C4215009	C4215109	2x15V	2x233mA	2x250mA
C4215011	C4215111	2x18V	2x194mA	2x200mA
C4215019	C4215119	2x20V	2x175mA	2x100mA
C4215013	C4215113	2x24V	2x146mA	2x200mA



CENTER TAPPED, 7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4215035	C4215135	2x4,5V	2x778mA	2x800mA
C4215021	C4215121	2x6V	2x583mA	2x600mA
C4215023	C4215123	2x7,5V	2x467mA	2x250mA
C4215025	C4215125	2x9V	2x389mA	2x400mA
C4215027	C4215127	2x12V	2x292mA	2x300mA
C4215029	C4215129	2x15V	2x233mA	2x250mA
C4215031	C4215131	2x18V	2x194mA	2x200mA
C4215039	C4215139	2x20V	2x175mA	2x100mA
C4215033	C4215133	2x24V	2x146mA	2x200mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4817 (EI 48)

8,0VA - Ta70ºB

Dim:40x48x34,8mm

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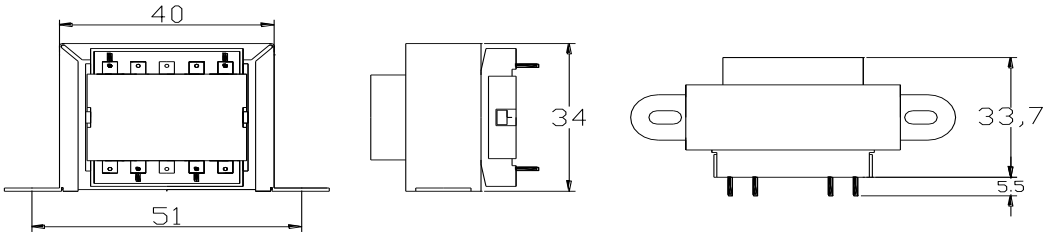
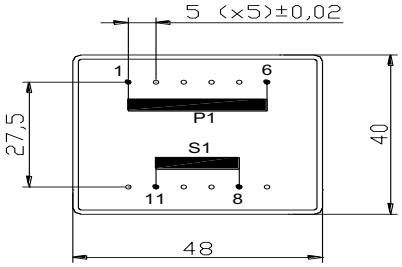
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



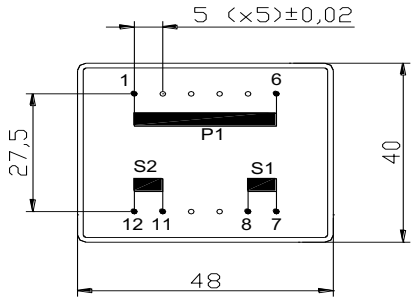
SINGLE SECONDARY, 8,0VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4810564	C4817164	4,5V	1778mA	1800mA
C4817050	C4817150	6V	1333mA	1450mA
C4817052	C4817152	7,5V	1067mA	1100mA
C4817054	C4817154	9V	889mA	900mA
C4817056	C4817156	12V	667mA	675mA
C4817058	C4817158	15V	533mA	550mA
C4817060	C4817160	18V	444mA	475mA
C4817070	C4817170	20V	400mA	450mA
C4817062	C4817172	24V	333mA	375mA



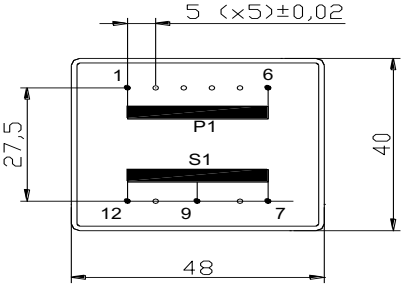
DUAL SECONDARY, 8,0VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4817065	C4817165	2x4,5V	2x889mA	2x900mA
C4817051	C4817151	2x6V	2x667mA	2x700mA
C4817053	C4817153	2x7,5V	2x533mA	2x575mA
C4817055	C4817155	2x9V	2x444mA	2x500mA
C4817057	C4817157	2x12V	2x333mA	2x350mA
C4817059	C4817159	2x15V	2x267mA	2x275mA
C4817061	C48171161	2x18V	2x222mA	2x250mA
C4817069	C4817169	2x20V	2x200mA	2x225mA
C4817063	C4817163	2x24V	2x167mA	2x175mA



CENTER TAPPED, 8,0VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4825085	C4817185	2x4,5V	2x889mA	2x900mA
C4817071	C4817171	2x6V	2x667mA	2x700mA
C4817073	C4817173	2x7,5V	2x533mA	2x575mA
C4817075	C4817175	2x9V	2x444mA	2x500mA
C4817077	C4817177	2x12V	23133mA	2x350mA
C4817079	C4817179	2x15V	2x267mA	2x275mA
C4817081	C4817181	2x18V	2x222mA	2x250mA
C4817089	C4817189	2x20V	2x200mA	2x225mA
C4817083	C4817183	2x24V	2x167mA	2x175mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

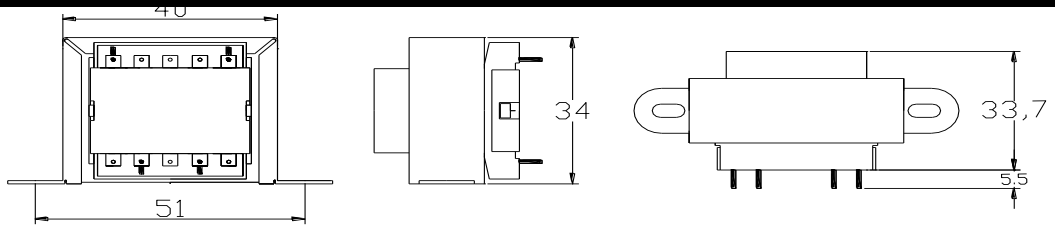
C4817 (EI 48)

10VA - Ta40ºB

Dim:40x48x34,8mm

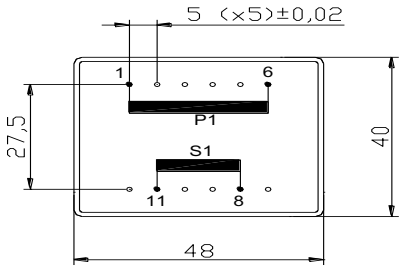
OPEN FRAME TRANSFORMERS

According EN61558. EN60590. EN60472. UL506. UL1585. UL5085 · External protection



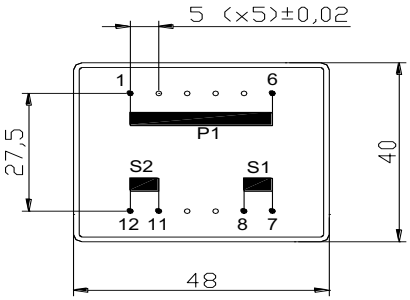
SINGLE SECONDARY, 10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4817014	C4817114	4,5V	2222mA	2300mA
C4817000	C4817100	6V	1667mA	1750mA
C4817002	C4817102	7,5V	1333mA	1500mA
C4817004	C4817104	9V	1111mA	1250mA
C4817006	C4817106	12V	833mA	900mA
C4817008	C4817108	15V	667mA	675mA
C4817010	C4817110	18V	556mA	600mA
C4817020	C4817120	20V	500mA	550mA
C4817012	C4817112	24V	417mA	500mA



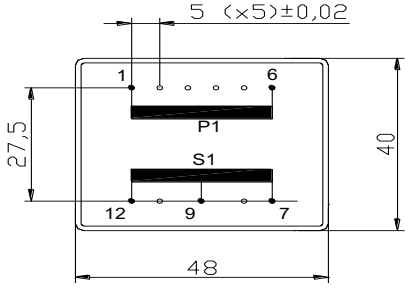
DUAL SECONDARY, 10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4817015	C4817115	2x4,5V	2x1111mA	2x1250mA
C4817001	C4817101	2x6V	2x833mA	2x900mA
C4817003	C4817103	2x7,5V	2x667mA	2x675mA
C4817005	C4817105	2x9V	2x556mA	2x600mA
C4817007	C4817107	2x12V	2x417mA	2x500mA
C4817009	C4817109	2x15V	2x333mA	2x375mA
C4817011	C4817111	2x18V	2x278mA	2x300mA
C4817019	C4817119	2x20V	2x250mA	2x275mA
C4817013	C4817113	2x24V	2x208mA	2x250mA



CENTER TAPPED, 10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4817035	C4817135	2x4,5V	2x1111mA	2x1250mA
C4817021	C4817121	2x6V	2x833mA	2x900mA
C4817023	C4817123	2x7,5V	2x667mA	2x675mA
C4817025	C4817125	2x9V	2x556mA	2x600mA
C4817027	C4817127	2x12V	2x417mA	2x500mA
C4817029	C4817129	2x15V	2x333mA	2x375mA
C4817031	C4817131	2x18V	2x278mA	2x300mA
C4817039	C4817139	2x20V	2x250mA	2x275mA
C4817033	C4817133	2x24V	2x208mA	2x250mA

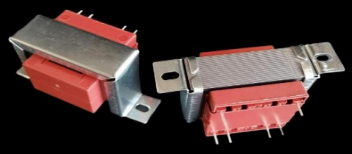


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4821 (EI 48)

10,0VA - Taº70ºB

Dim:40x48x38,5mm



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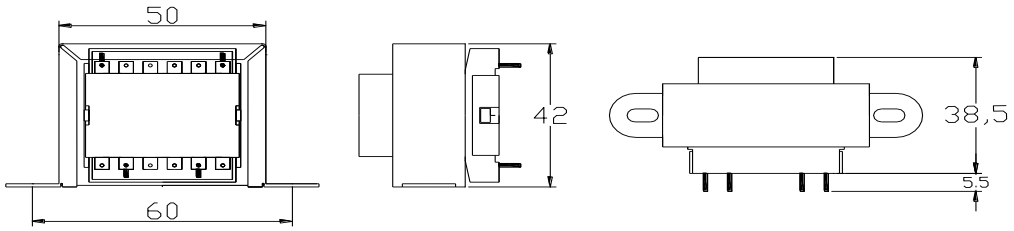
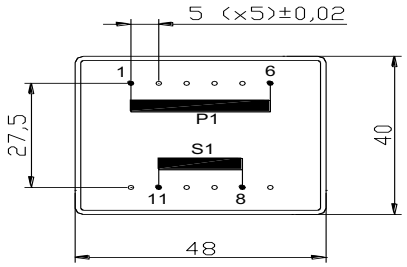
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



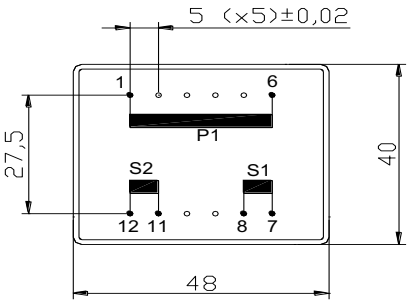
SINGLE SECONDARY, 10VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4821564	C4821164	4,5V	2222mA	2300mA
C4821050	C4821150	6V	1667mA	1700mA
C4821052	C4821152	7,5V	1333mA	1375mA
C4821054	C4821154	9V	1111mA	1200mA
C4821056	C4821156	12V	833mA	875mA
C4821058	C4821158	15V	667mA	675mA
C4821060	C4821160	18V	556mA	600mA
C4821070	C4821170	20V	500mA	550mA
C4821062	C4821172	24V	417mA	475mA



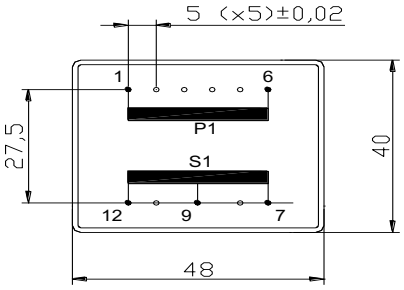
DUAL SECONDARY, 10VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4821065	C4821165	2x4,5V	2x1111mA	2x1200mA
C4821051	C4821151	2x6V	2x833mA	2x875mA
C4821053	C4821153	2x7,5V	2x667mA	2x700mA
C4821055	C4821155	2x9V	2x556mA	2x600mA
C4821057	C4821157	2x12V	2x417mA	2x450mA
C4821059	C4821159	2x15V	2x333mA	2x350mA
C4821061	C48211161	2x18V	2x278mA	2x300mA
C4821069	C4821169	2x20V	2x250mA	2x275mA
C4821063	C4821163	2x24V	2x208mA	2x250mA



CENTER TAPPED, 10VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4825085	C4821185	2x4,5V	2x1111mA	2x1200mA
C4821071	C4821171	2x6V	2x833mA	2x875mA
C4821073	C4821173	2x7,5V	2x556mA	2x700mA
C4821075	C4821175	2x9V	2x417mA	2x600mA
C4821077	C4821177	2x12V	2x333mA	2x450mA
C4821079	C4821179	2x15V	2x107mA	2x350mA
C4821081	C4821181	2x18V	2x278mA	2x300mA
C4821089	C4821189	2x20V	2x250mA	2x275mA
C4821083	C4821183	2x24V	2x208mA	2x250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4821 (EI 48)

12VA - Ta40ºB

Dim:40x48x38,5mm

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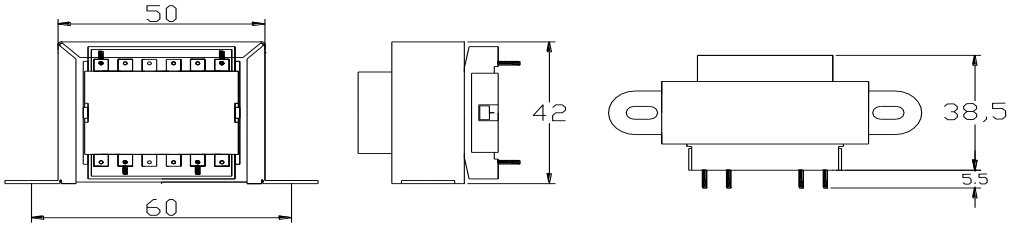
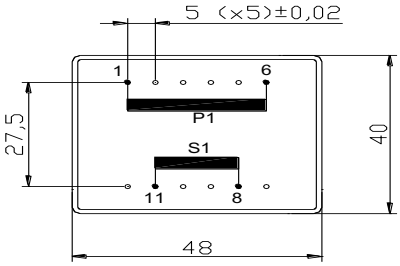
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



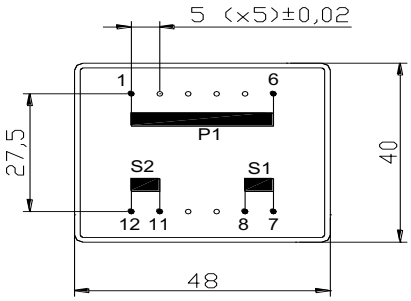
SINGLE SECONDARY, 12VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4821014	C4821114	4,5V	2667mA	2700mA
C4821000	C4821100	6V	2000mA	2250mA
C4821002	C4821102	7,5V	1600mA	1700mA
C4821004	C4821104	9V	1333mA	1400mA
C4821006	C4821106	12V	1000mA	1050mA
C4821008	C4821108	15V	800mA	875mA
C4821010	C4821110	18V	667mA	700mA
C4821020	C4821120	20V	600mA	650mA
C4821012	C4821112	24V	500mA	550mA



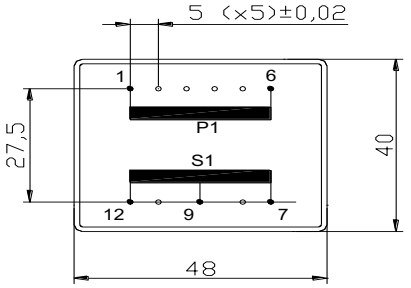
DUAL SECONDARY, 12VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4821015	C4821115	2x4,5V	2x1333mA	2x1400mA
C4821001	C4821101	2x6V	2x1000mA	2x1050mA
C4821003	C4821103	2x7,5V	2x800mA	2x850mA
C4821005	C4821105	2x9V	2x667mA	2x700mA
C4821007	C4821107	2x12V	2x500mA	2x550mA
C4821009	C4821109	2x15V	2x400mA	2x450mA
C4821011	C4821111	2x18V	2x333mA	2x350mA
C4821019	C4821119	2x20V	2x300mA	2x325mA
C4821013	C4821113	2x24V	2x250mA	2x275mA



CENTER TAPPED, 12VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4821035	C4821135	2x4,5V	2x1333mA	2x1400mA
C4821021	C4821121	2x6V	2x1000mA	2x1050mA
C4821023	C4821123	2x7,5V	2x800mA	2x850mA
C4821025	C4821125	2x9V	2x667mA	2x700mA
C4821027	C4821127	2x12V	2x500mA	2x550mA
C4821029	C4821129	2x15V	2x400mA	2x450mA
C4821031	C4821131	2x18V	2x333mA	2x350mA
C4821039	C4821139	2x20V	2x300mA	2x325mA
C4821033	C4821133	2x24V	2x250mA	2x275mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4826 (EI 48)

12,0VA - Ta70ºB

Dim:40x48x43,5mm

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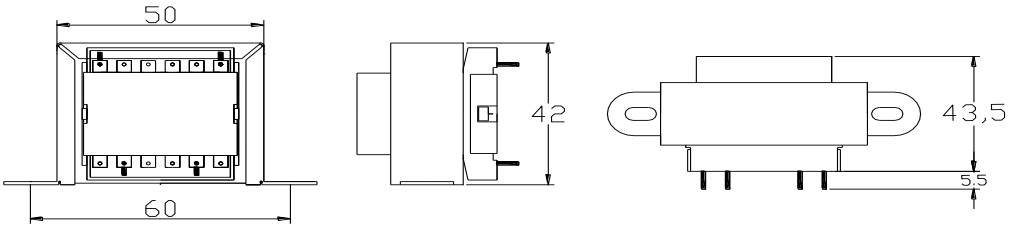
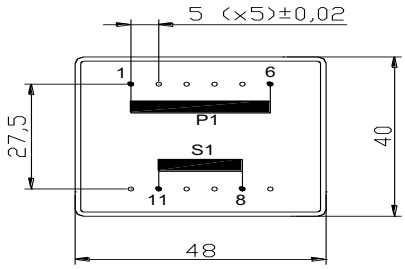
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



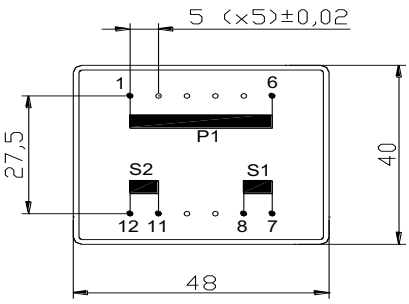
SINGLE SECONDARY, 12VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4826064	C4826164	4,5V	2667mA	2750mA
C4826050	C4826150	6V	2000mA	2100mA
C4826052	C4826152	7,5V	1600mA	1650mA
C4826054	C4826154	9V	1333mA	1400mA
C4826056	C4826156	12V	1000mA	1125mA
C4826058	C4826158	15V	800mA	850mA
C4826060	C4826160	18V	667mA	700mA
C4826070	C4826170	20V	600mA	650mA
C4826062	C4826172	24V	500mA	550mA



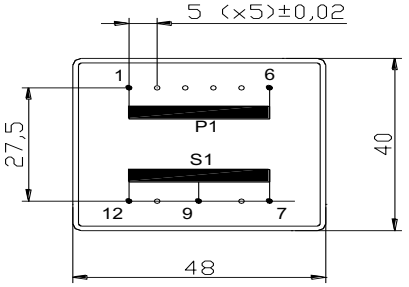
DUAL SECONDARY, 12VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4826065	C4826165	2x4,5V	2x1333mA	2x1400mA
C4826051	C4826151	2x6V	2x1000mA	2x315mA
C4826053	C4826153	2x7,5V	2x800mA	2x850mA
C4826055	C4826155	2x9V	2x667mA	2x700mA
C4826057	C4826157	2x12V	2x500mA	2x550mA
C4826059	C4826159	2x15V	2x400mA	2x425mA
C4826061	C48261161	2x18V	2x333mA	2x375mA
C4826069	C4826169	2x20V	2x300mA	2x300mA
C4826063	C4826163	2x24V	2x250mA	2x80mA



CENTER TAPPED, 12VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4825085	C4826185	2x4,5V	2x1333mA	2x1400mA
C4826071	C4826171	2x6V	2x1000mA	2x315mA
C4826073	C4826173	2x7,5V	2x800mA	2x850mA
C4826075	C4826175	2x9V	2x667mA	2x700mA
C4826077	C4826177	2x12V	2x500mA	2x550mA
C4826079	C4826179	2x15V	2x400mA	2x425mA
C4826081	C4826181	2x18V	2x333mA	2x375mA
C4826089	C4826189	2x20V	2x300mA	2x300mA
C4826083	C4826183	2x24V	2x250mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C4826 (EI 48)

14VA - Ta40ºB

Dim:40x48x43,5mm

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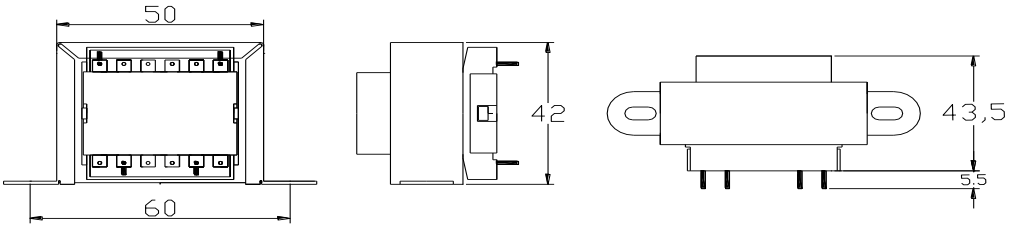
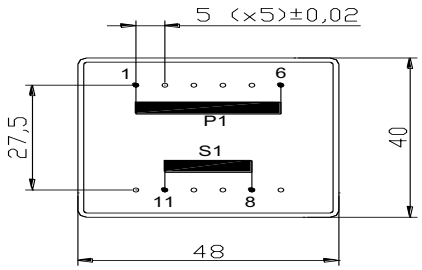
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



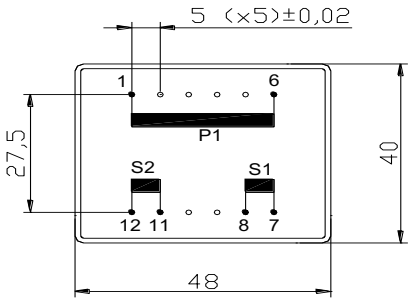
SINGLE SECONDARY, 14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4826014	C4826114	4,5V	3111mA	3150mA
C4826000	C4826100	6V	2333mA	2400mA
C4826002	C4826102	7,5V	1867mA	1900mA
C4826004	C4826104	9V	1556mA	1600mA
C4826006	C4826106	12V	1167mA	1200mA
C4826008	C4826108	15V	933mA	1000mA
C4826010	C4826110	18V	778mA	800mA
C4826020	C4826120	20V	700mA	750mA
C4826012	C4826112	24V	583mA	600mA



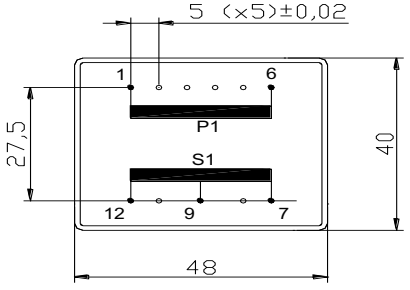
DUAL SECONDARY, 14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4826015	C4826115	2x4,5V	2x1556mA	2x1600mA
C4826001	C4826101	2x6V	2x1167mA	2x1200mA
C4826003	C4826103	2x7,5V	2x993mA	2x1000mA
C4826005	C4826105	2x9V	2x778mA	2x800mA
C4826007	C4826107	2x12V	2x583mA	2x600mA
C4826009	C4826109	2x15V	2x467mA	2x500mA
C4826011	C4826111	2x18V	2x389mA	2x400mA
C4826019	C4826119	2x20V	2x350mA	2x375mA
C4826013	C4826113	2x24V	2x292mA	2x300mA



CENTER TAPPED, 14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C4826035	C4826135	2x4,5V	2x1556mA	2x1600mA
C4826021	C4826121	2x6V	2x1167mA	2x1200mA
C4826023	C4826123	2x7,5V	2x993mA	2x1000mA
C4826025	C4826125	2x9V	2x778mA	2x800mA
C4826027	C4826127	2x12V	2x583mA	2x600mA
C4826029	C4826129	2x15V	2x467mA	2x500mA
C4826031	C4826131	2x18V	2x389mA	2x400mA
C4826039	C4826139	2x20V	2x350mA	2x375mA
C4826033	C4826133	2x24V	2x292mA	2x300mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C5419 (EI 54)

13,0VA - Ta70ºB

Dim:45x54x38,8mm

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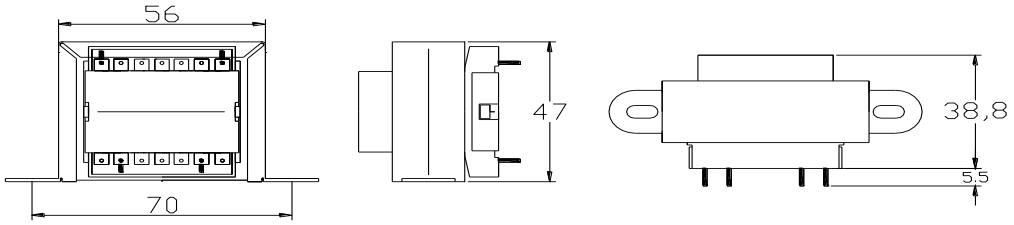
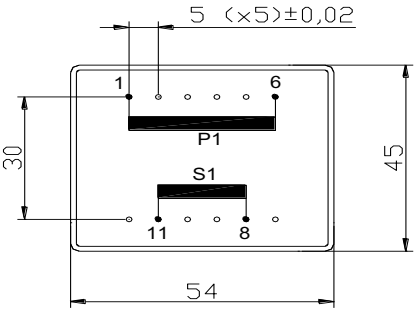
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



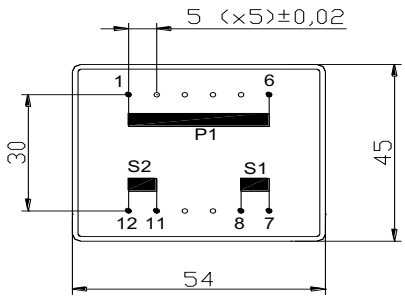
SINGLE SECONDARY, 13VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5419064	C5419164	4,5V	2889mA	2900mA
C5419050	C5419150	6V	2167mA	2200mA
C5419052	C5419152	7,5V	1733mA	1750mA
C5419054	C5419154	9V	1444mA	1500mA
C5419056	C5419156	12V	1083mA	1125mA
C5419058	C5419158	15V	867mA	900mA
C5419060	C5419160	18V	722mA	750mA
C5419070	C5419170	20V	650mA	700mA
C5419062	C5419172	24V	542mA	600mA



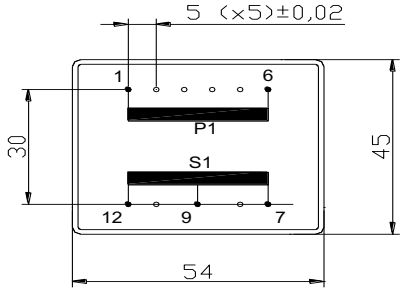
DUAL SECONDARY, 13VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5419065	C5419165	2x4,5V	2x1444mA	2x1500mA
C5419051	C5419151	2x6V	2x1083mA	2x1100mA
C5419053	C5419153	2x7,5V	2x867mA	2x900mA
C5419055	C5419155	2x9V	2x722mA	2x750mA
C5419057	C5419157	2x12V	2x542mA	2x550mA
C5419059	C5419159	2x15V	2x433mA	2x450mA
C5419061	C54191161	2x18V	2x361mA	2x375mA
C5419069	C5419169	2x20V	2x325mA	2x350mA
C5419063	C5419163	2x24V	2x271mA	2x300mA



CENTER TAPPED, 13VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5425085	C5419185	2x4,5V	2x1444mA	2x1500mA
C5419071	C5419171	2x6V	2x1083mA	2x1100mA
C5419073	C5419173	2x7,5V	2x867mA	2x900mA
C5419075	C5419175	2x9V	2x722mA	2x750mA
C5419077	C5419177	2x12V	2x542mA	2x550mA
C5419079	C5419179	2x15V	2x433mA	2x450mA
C5419081	C5419181	2x18V	2x361mA	2x375mA
C5419089	C5419189	2x20V	2x325mA	2x350mA
C5419083	C5419183	2x24V	2x271mA	2x300mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C5419 (EI 54)

16VA - Ta40ºB

Dim:45x54x38,8mm

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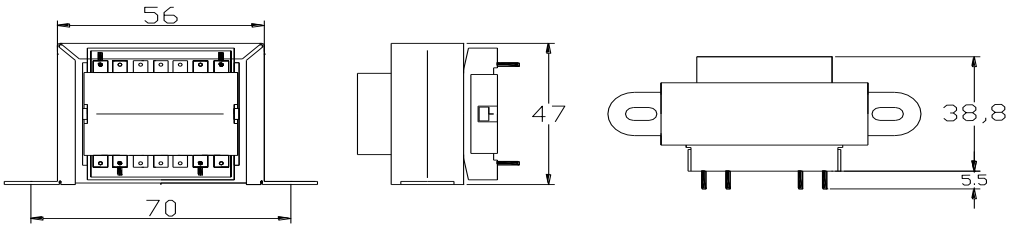
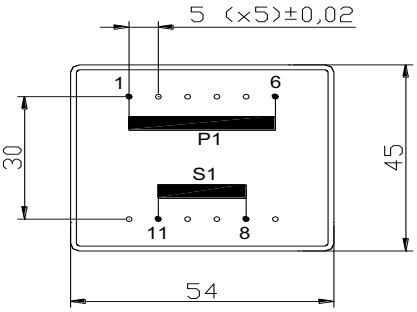
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



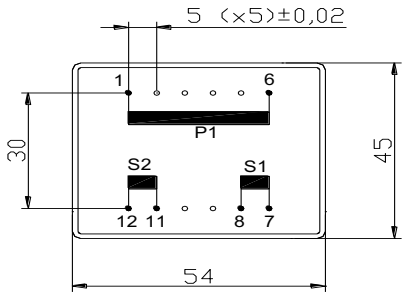
SINGLE SECONDARY, 16VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5419014	C5419114	4,5V	3556mA	3600mA
C5419000	C5419100	6V	2667mA	2700mA
C5419002	C5419102	7,5V	2133mA	2250mA
C5419004	C5419104	9V	1778mA	1800mA
C5419006	C5419106	12V	1333mA	1400mA
C5419008	C5419108	15V	1067mA	1150mA
C5419010	C5419110	18V	889mA	950mA
C5419020	C5419120	20V	800mA	850mA
C5419012	C5419112	24V	667mA	700mA



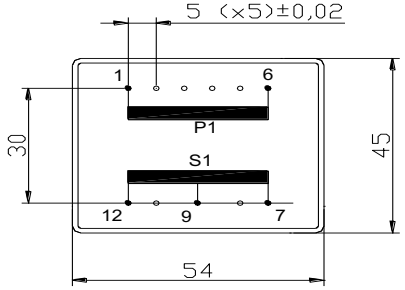
DUAL SECONDARY, 16VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5419015	C5419115	2x4,5V	2x1778mA	2x1800mA
C5419001	C5419101	2x6V	2x1333mA	2x1375mA
C5419003	C5419103	2x7,5V	2x1067mA	2x1100mA
C5419005	C5419105	2x9V	2x889mA	2x200mA
C5419007	C5419107	2x12V	2x667mA	2x700mA
C5419009	C5419109	2x15V	2x533mA	2x575mA
C5419011	C5419111	2x18V	2x444mA	2x500mA
C5419019	C5419119	2x20V	2x400mA	2x450mA
C5419013	C5419113	2x24V	2x333mA	2x375mA



CENTER TAPPED, 16VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5419035	C5419135	2x4,5V	2x1778mA	2x1800mA
C5419021	C5419121	2x6V	2x1333mA	2x1375mA
C5419023	C5419123	2x7,5V	2x1067mA	2x1100mA
C5419025	C5419125	2x9V	2x889mA	2x200mA
C5419027	C5419127	2x12V	2x667mA	2x700mA
C5419029	C5419129	2x15V	2x533mA	2x575mA
C5419031	C5419131	2x18V	2x444mA	2x500mA
C5419039	C5419139	2x20V	2x400mA	2x450mA
C5419033	C5419133	2x24V	2x333mA	2x375mA

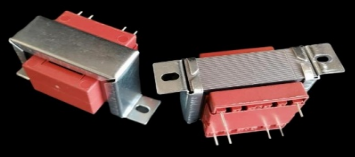


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C5423 (EI 54)

20VA - Ta70ºB

Dim:45x54x43,8mm



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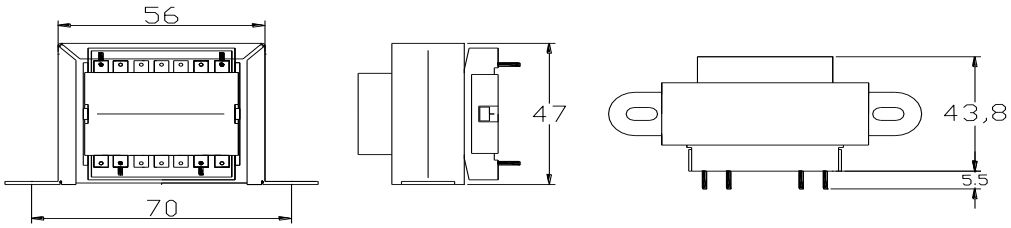
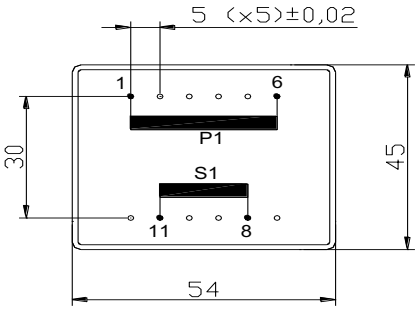
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



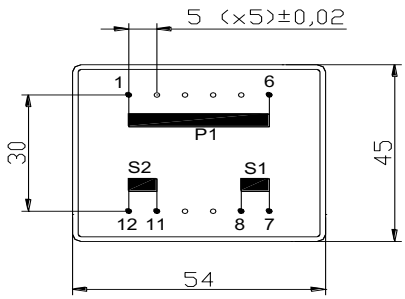
SINGLE SECONDARY, 20VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5423064	C5423164	4,5V	4444mA	4500mA
C5423050	C5423150	6V	3333mA	3400mA
C5423052	C5423152	7,5V	2667mA	2700mA
C5423054	C5423154	9V	2222mA	2300mA
C5423056	C5423156	12V	1667mA	1700mA
C5423058	C5423158	15V	1333mA	1400mA
C5423060	C5423160	18V	1111mA	1250mA
C5423070	C5423170	20V	1000mA	1050mA
C5423062	C5423172	24V	833mA	900mA



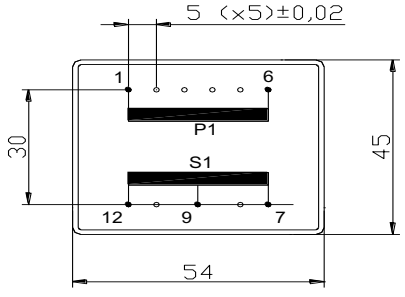
DUAL SECONDARY, 20VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5423065	C5423165	2x4,5V	2x2222mA	2x2300mA
C5423051	C5423151	2x6V	2x1667mA	2x1750mA
C5423053	C5423153	2x7,5V	2x1333mA	2x1400mA
C5423055	C5423155	2x9V	2x1111mA	2x1200mA
C5423057	C5423157	2x12V	2x833mA	2x900mA
C5423059	C5423159	2x15V	2x667mA	2x700mA
C5423061	C54231161	2x18V	2x556mA	2x600mA
C5423069	C5423169	2x20V	2x500mA	2x560mA
C5423063	C5423163	2x24V	2x417mA	2x500mA



CENTER TAPPED, 20VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5425085	C5423185	2x4,5V	2x2222mA	2x2300mA
C5423071	C5423171	2x6V	2x1667mA	2x1750mA
C5423073	C5423173	2x7,5V	2x1333mA	2x1400mA
C5423075	C5423175	2x9V	2x1111mA	2x1200mA
C5423077	C5423177	2x12V	2x833mA	2x900mA
C5423079	C5423179	2x15V	2x667mA	2x700mA
C5423081	C5423181	2x18V	2x556mA	2x600mA
C5423089	C5423189	2x20V	2x500mA	2x560mA
C5423083	C5423183	2x24V	2x417mA	2x500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C5423 (EI 54)

25VA - Ta40ºB

Dim:45x54x43,8mm

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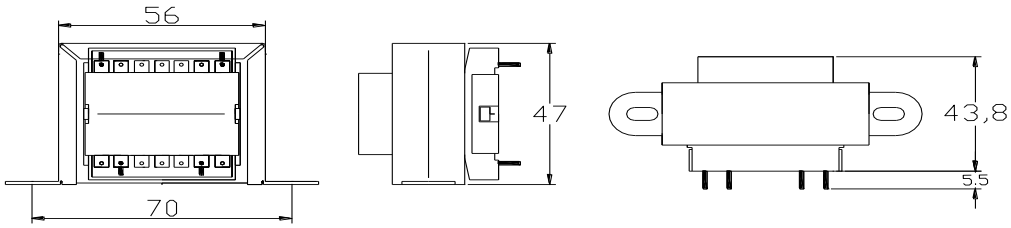
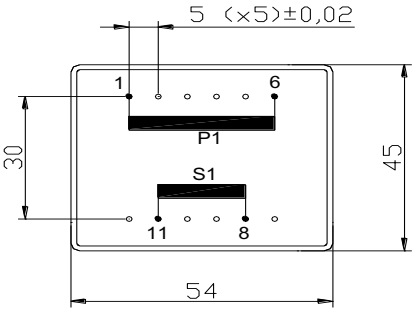
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



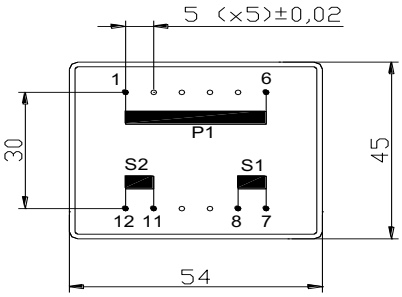
SINGLE SECONDARY, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5423014	C5423114	4,5V	5556mA	5600mA
C5423000	C5423100	6V	4167mA	4250mA
C5423002	C5423102	7,5V	3333mA	3500mA
C5423004	C5423104	9V	2778mA	3000mA
C5423006	C5423106	12V	2083mA	2150mA
C5423008	C5423108	15V	1667mA	1700mA
C5423010	C5423110	18V	1389mA	1500mA
C5423020	C5423120	20V	1250mA	1300mA
C5423012	C5423112	24V	1042mA	1100mA



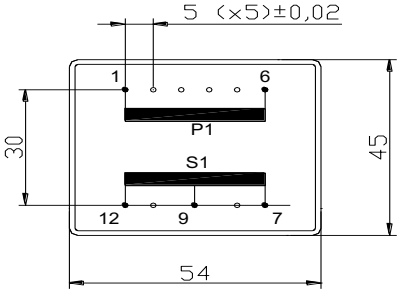
DUAL SECONDARY, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5423015	C5423115	2x4,5V	2x2778mA	2x3000mA
C5423001	C5423101	2x6V	2x2083mA	2x2125mA
C5423003	C5423103	2x7,5V	2x1667mA	2x1700mA
C5423005	C5423105	2x9V	2x1389mA	2x1400mA
C5423007	C5423107	2x12V	2x1042mA	2x1125mA
C5423009	C5423109	2x15V	2x833mA	2x900mA
C5423011	C5423111	2x18V	2x694mA	2x725mA
C5423019	C5423119	2x20V	2x625mA	2x675mA
C5423013	C5423113	2x24V	2x521mA	2x550mA



CENTER TAPPED, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C5423035	C5423135	2x4,5V	2x2778mA	2x3000mA
C5423021	C5423121	2x6V	2x2083mA	2x2125mA
C5423023	C5423123	2x7,5V	2x1667mA	2x1700mA
C5423025	C5423125	2x9V	2x1389mA	2x1400mA
C5423027	C5423127	2x12V	2x1042mA	2x1125mA
C5423029	C5423129	2x15V	2x833mA	2x900mA
C5423031	C5423131	2x18V	2x694mA	2x725mA
C5423039	C5423139	2x20V	2x625mA	2x675mA
C5423033	C5423133	2x24V	2x521mA	2x550mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6021 (EI 60)

20,0VA - Ta70ºB

Dim:50x60x42,1mm

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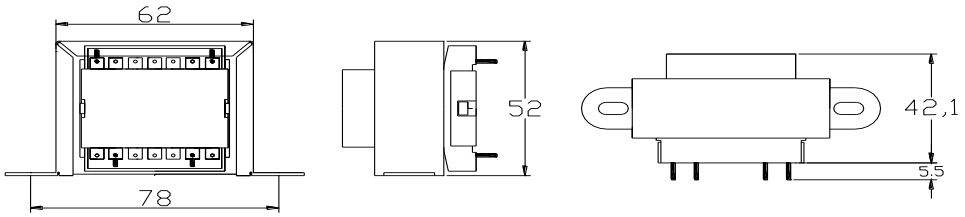
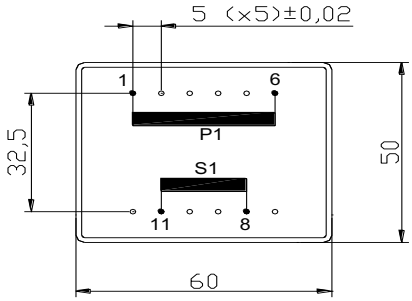
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



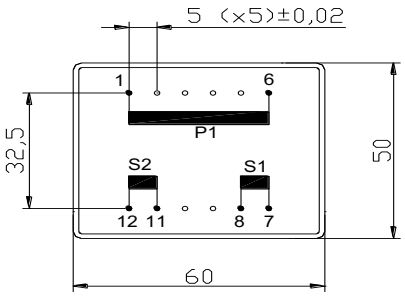
SINGLE SECONDARY, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6021064	C6021164	4,5V	4444mA	4500mA
C6021050	C6021150	6V	3333mA	3400mA
C6021052	C6021152	7,5V	2667mA	2700mA
C6021054	C6021154	9V	2222mA	2300mA
C6021056	C6021156	12V	1667mA	1700mA
C6021058	C6021158	15V	1333mA	1400mA
C6021060	C6021160	18V	1111mA	1200mA
C6021070	C6021170	20V	1000mA	1100mA
C6021062	C6021172	24V	833mA	900mA



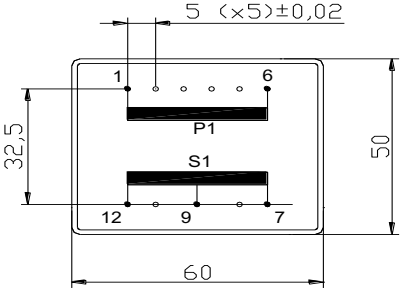
DUAL SECONDARY, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6021065	C6021165	2x4,5V	2x2222mA	2x2300mA
C6021051	C6021151	2x6V	2x1667mA	2x1700mA
C6021053	C6021153	2x7,5V	2x1333mA	2x1400mA
C6021055	C6021155	2x9V	2x1111mA	2x1200mA
C6021057	C6021157	2x12V	2x833mA	2x900mA
C6021059	C6021159	2x15V	2x667mA	2x700mA
C6021061	C60211161	2x18V	2x556mA	2x600mA
C6021069	C6021169	2x20V	2x500mA	2x550mA
C6021063	C6021163	2x24V	2x417mA	2x500mA



CENTER TAPPED, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6025085	C6021185	2x4,5V	2x2222mA	2x2300mA
C6021071	C6021171	2x6V	2x1667mA	2x1700mA
C6021073	C6021173	2x7,5V	2x1333mA	2x1400mA
C6021075	C6021175	2x9V	2x1111mA	2x1200mA
C6021077	C6021177	2x12V	2x833mA	2x900mA
C6021079	C6021179	2x15V	2x667mA	2x700mA
C6021081	C6021181	2x18V	2x556mA	2x600mA
C6021089	C6021189	2x20V	2x500mA	2x550mA
C6021083	C6021183	2x24V	2x417mA	2x500mA

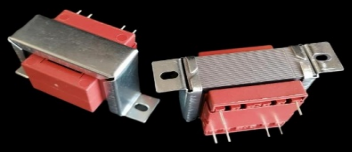


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6021 (EI 60)

25VA - Ta40ºB

Dim:50x60x42,1mm



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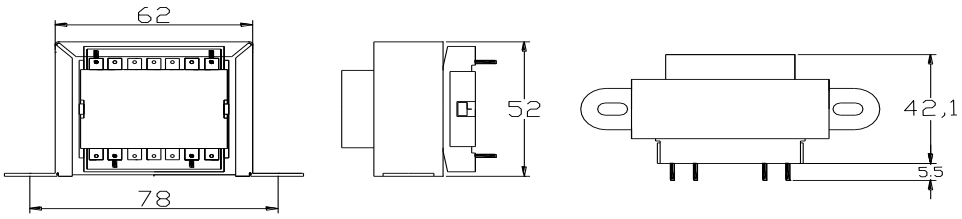
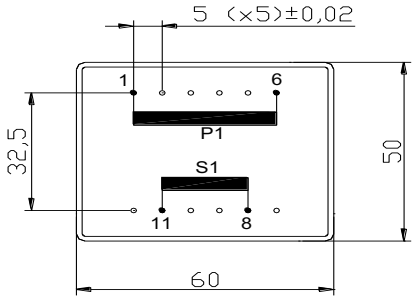
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



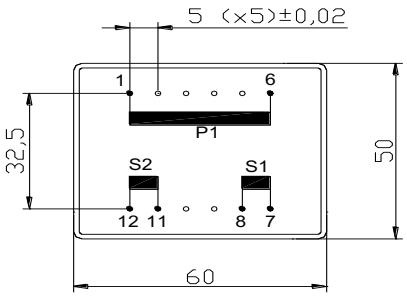
SINGLE SECONDARY,25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6021014	C6021114	4,5V	5556mA	5600mA
C6021000	C6021100	6V	4167mA	4250mA
C6021002	C6021102	7,5V	3333mA	3450mA
C6021004	C6021104	9V	2778mA	2800mA
C6021006	C6021106	12V	2083mA	2100mA
C6021008	C6021108	15V	1667mA	1700mA
C6021010	C6021110	18V	1389mA	1400mA
C6021020	C6021120	20V	1250mA	1300mA
C6021012	C6021112	24V	1042mA	1100mA



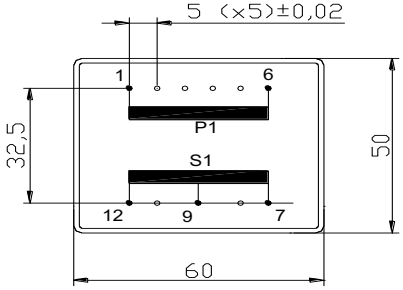
DUAL SECONDARY, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6021015	C6021115	2x4,5V	2x2778mA	2x2800mA
C6021001	C6021101	2x6V	2x2083mA	2x2100mA
C6021003	C6021103	2x7,5V	2x1667mA	2x1700mA
C6021005	C6021105	2x9V	2x1389mA	2x1400mA
C6021007	C6021107	2x12V	2x1042mA	2x1100mA
C6021009	C6021109	2x15V	2x833mA	2x900mA
C6021011	C6021111	2x18V	2x694mA	2x750mA
C6021019	C6021119	2x20V	2x625mA	2x700mA
C6021013	C6021113	2x24V	2x521mA	2x600mA



CENTER TAPPED, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6021035	C6021135	2x4,5V	2x2778mA	2x2800mA
C6021021	C6021121	2x6V	2x2083mA	2x2100mA
C6021023	C6021123	2x7,5V	2x1667mA	2x1700mA
C6021025	C6021125	2x9V	2x1389mA	2x1400mA
C6021027	C6021127	2x12V	2x1042mA	2x1100mA
C6021029	C6021129	2x15V	2x833mA	2x900mA
C6021031	C6021131	2x18V	2x694mA	2x750mA
C6021039	C6021139	2x20V	2x625mA	2x700mA
C6021033	C6021133	2x24V	2x521mA	2x600mA

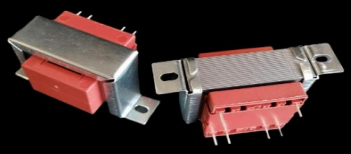


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6031 (EI 60)

30,0VA - Ta70ºB

weight - 125gr. Dim:50x60x51,5mm



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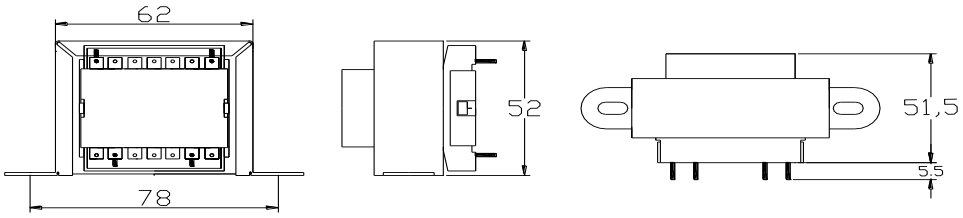
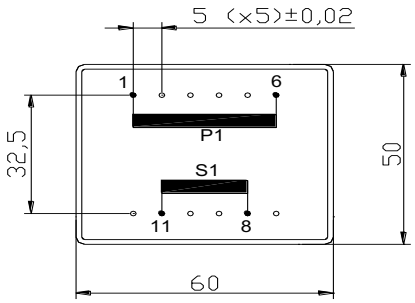
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



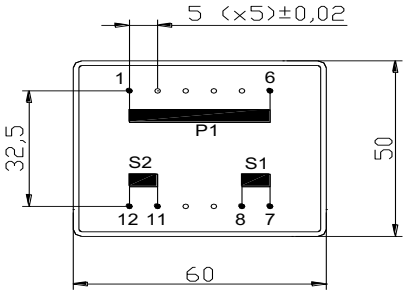
SINGLE SECONDARY, 30VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6031064	C6031164	4,5V	6667mA	6700mA
C6031050	C6031150	6V	5000mA	5100mA
C6031052	C6031152	7,5V	4000mA	4100mA
C6031054	C6031154	9V	3333mA	3500mA
C6031056	C6031156	12V	2500mA	2750mA
C6031058	C6031158	15V	2000mA	2250mA
C6031060	C6031160	18V	1667mA	1750mA
C6031070	C6031170	20V	1500mA	1600mA
C6031062	C6031172	24V	1250mA	1300mA



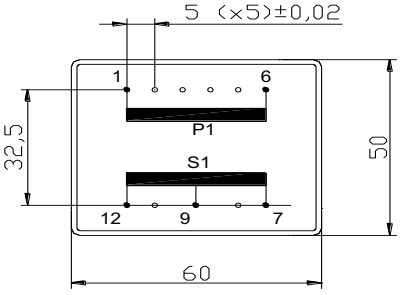
DUAL SECONDARY, 30VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6031065	C6031165	2x4,5V	2x3333mA	2x3500mA
C6031051	C6031151	2x6V	2x2500mA	2x2750mA
C6031053	C6031153	2x7,5V	2x2000mA	2x2150mA
C6031055	C6031155	2x9V	2x1667mA	2x1750mA
C6031057	C6031157	2x12V	2x1250mA	2x1300mA
C6031059	C6031159	2x15V	2x1000mA	2x1125mA
C6031061	C60311161	2x18V	2x833mA	2x1000mA
C6031069	C6031169	2x20V	2x750mA	2x800mA
C6031063	C6031163	2x24V	2x625mA	2x700mA



CENTER TAPPED, 30VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6025085	C6031185	2x4,5V	2x3333mA	2x3500mA
C6031071	C6031171	2x6V	2x2500mA	2x2750mA
C6031073	C6031173	2x7,5V	2x2000mA	2x2150mA
C6031075	C6031175	2x9V	2x1667mA	2x1750mA
C6031077	C6031177	2x12V	2x1250mA	2x1300mA
C6031079	C6031179	2x15V	2x1000mA	2x1125mA
C6031081	C6031181	2x18V	2x833mA	2x1000mA
C6031089	C6031189	2x20V	2x750mA	2x800mA
C6031083	C6031183	2x24V	2x625mA	2x700mA

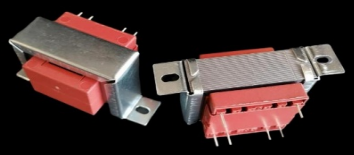


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6031 (EI 60)

35VA - Ta40ºB

Dim:50x60x51,5mm



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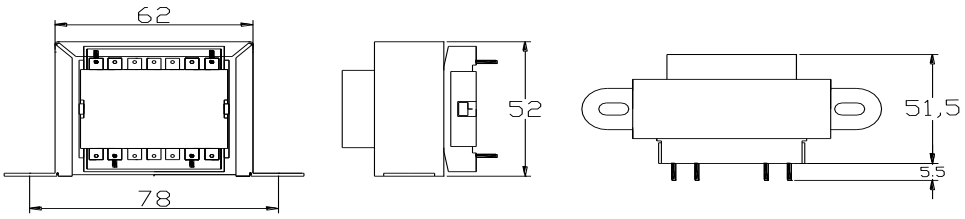
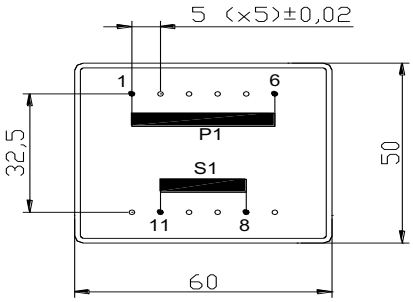
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



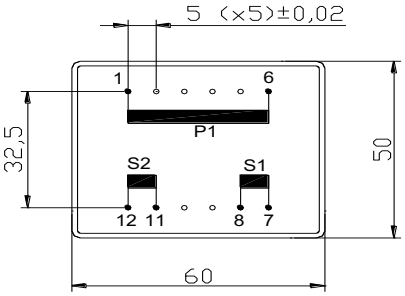
SINGLE SECONDARY,35VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6031014	C6031114	4,5V	7778mA	8000mA
C6031000	C6031100	6V	5833mA	6000mA
C6031002	C6031102	7,5V	4667mA	5000mA
C6031004	C6031104	9V	3889mA	4000mA
C6031006	C6031106	12V	2917mA	3150mA
C6031008	C6031108	15V	2333mA	2500mA
C6031010	C6031110	18V	1944mA	2000mA
C6031020	C6031120	20V	1750mA	2000mA
C6031012	C6031112	24V	1458mA	1600mA



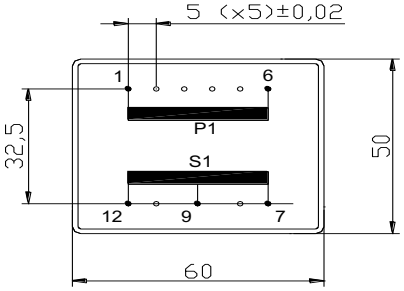
DUAL SECONDARY, 35VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6031015	C6031115	2x4,5V	2x3889mA	2x4000mA
C6031001	C6031101	2x6V	2x2917mA	2x3150mA
C6031003	C6031103	2x7,5V	2x2333mA	2x2500mA
C6031005	C6031105	2x9V	2x1944mA	2x2000mA
C6031007	C6031107	2x12V	2x1458mA	2x1600mA
C6031009	C6031109	2x15V	2x1167mA	2x1250mA
C6031011	C6031111	2x18V	2x972mA	2x1000mA
C6031019	C6031119	2x20V	2x875mA	2x1000mA
C6031013	C6031113	2x24V	2x729mA	2x800mA



CENTER TAPPED, 35VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6031035	C6031135	2x4,5V	2x3889mA	2x4000mA
C6031021	C6031121	2x6V	2x2917mA	2x3150mA
C6031023	C6031123	2x7,5V	2x2333mA	2x2500mA
C6031025	C6031125	2x9V	2x1944mA	2x2000mA
C6031027	C6031127	2x12V	2x1458mA	2x1600mA
C6031029	C6031129	2x15V	2x1167mA	2x1250mA
C6031031	C6031131	2x18V	2x972mA	2x1000mA
C6031039	C6031139	2x20V	2x875mA	2x1000mA
C6031033	C6031133	2x24V	2x729mA	2x800mA

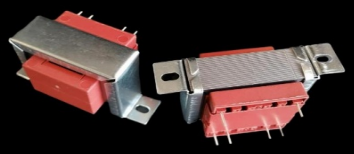


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6623 (EI 66)

35,0VA - Ta70ºB

Dim:55x66x47,3mm



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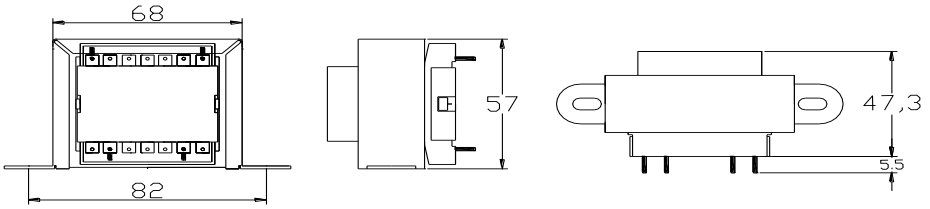
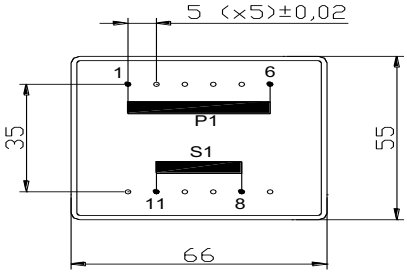
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



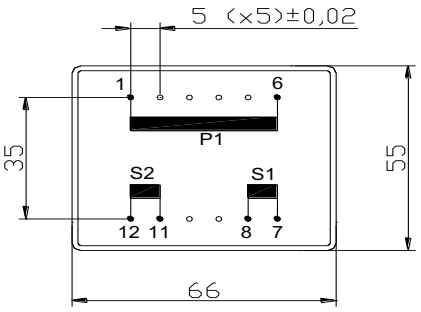
SINGLE SECONDARY, 35VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6623064	C6623164	4,5V	7778mA	8000mA
C6623050	C6623150	6V	5833mA	6300mA
C6623052	C6623152	7,5V	4667mA	5000mA
C6623054	C6623154	9V	3889mA	4000mA
C6623056	C6623156	12V	2917mA	3150mA
C6623058	C6623158	15V	2333mA	2500mA
C6623060	C6623160	18V	1944mA	200mA
C6623070	C6623170	20V	1750mA	2000mA
C6623062	C6623172	24V	1458mA	1600mA



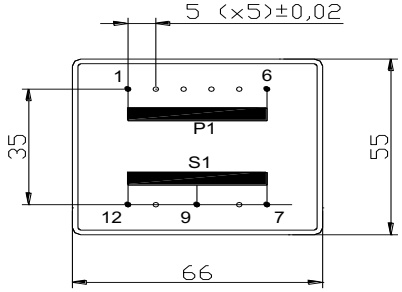
DUAL SECONDARY, 35VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6623065	C6623165	2x4,5V	2x3889mA	2x4000mA
C6623051	C6623151	2x6V	2x2917mA	2x3150mA
C6623053	C6623153	2x7,5V	2x2333mA	2x2500mA
C6623055	C6623155	2x9V	2x1944mA	2x2000mA
C6623057	C6623157	2x12V	2x1458mA	2x1600mA
C6623059	C6623159	2x15V	2x1167mA	2x1250mA
C6623061	C66231161	2x18V	2x972mA	2x1000mA
C6623069	C6623169	2x20V	2x875mA	2x1000mA
C6623063	C6623163	2x24V	2x729mA	2x800mA



CENTER TAPPED, 35VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6625085	C6623185	2x4,5V	2x3889mA	2x4000mA
C6623071	C6623171	2x6V	2x2917mA	2x3150mA
C6623073	C6623173	2x7,5V	2x2333mA	2x2500mA
C6623075	C6623175	2x9V	2x1944mA	2x2000mA
C6623077	C6623177	2x12V	2x1458mA	2x1600mA
C6623079	C6623179	2x15V	2x1167mA	2x1250mA
C6623081	C6623181	2x18V	2x972mA	2x1000mA
C6623089	C6623189	2x20V	2x875mA	2x1000mA
C6623083	C6623183	2x24V	2x729mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6623 (EI 66)

40VA - Ta40ºB

Dim:55x66x47,3mm

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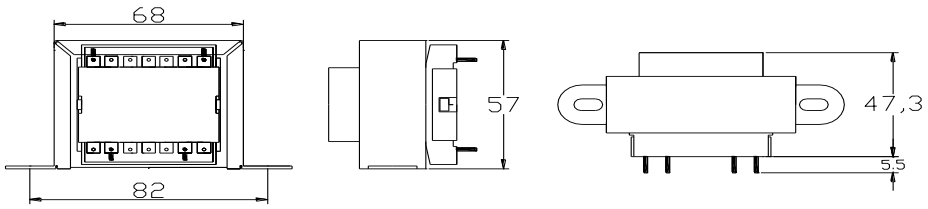
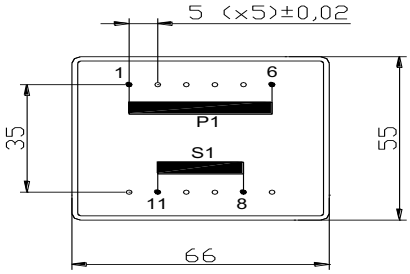
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



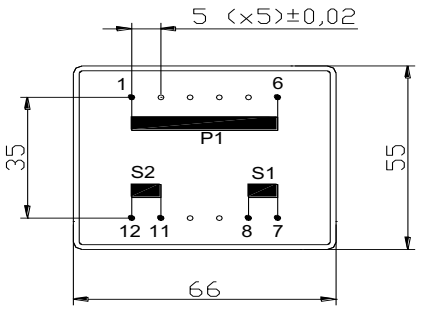
SINGLE SECONDARY, 40VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6623014	C6623114	4,5V	8889mA	9000mA
C6623000	C6623100	6V	6667mA	6750mA
C6623002	C6623102	7,5V	5333mA	5500mA
C6623004	C6623104	9V	4444mA	5000mA
C6623006	C6623106	12V	3333mA	3500mA
C6623008	C6623108	15V	2667mA	3000mA
C6623010	C6623110	18V	2222mA	2300mA
C6623020	C6623120	20V	2000mA	2100mA
C6623012	C6623112	24V	1667mA	1700mA



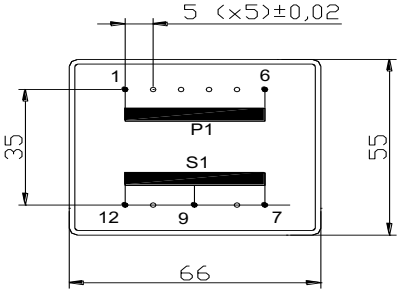
DUAL SECONDARY, 40VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6623015	C6623115	2x4,5V	2x4444mA	2x4500mA
C6623001	C6623101	2x6V	2x3333mA	2x3500mA
C6623003	C6623103	2x7,5V	2x2667mA	2x2700mA
C6623005	C6623105	2x9V	2x2222mA	2x2300mA
C6623007	C6623107	2x12V	2x1667mA	2x1700mA
C6623009	C6623109	2x15V	2x1333mA	2x1400mA
C6623011	C6623111	2x18V	2x1111mA	2x1200mA
C6623019	C6623119	2x20V	2x1000mA	2x1100mA
C6623013	C6623113	2x24V	2x833mA	2x900mA



CENTER TAPPED, 40VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6623035	C6623135	2x4,5V	2x4444mA	2x4500mA
C6623021	C6623121	2x6V	2x3333mA	2x3500mA
C6623023	C6623123	2x7,5V	2x2667mA	2x2700mA
C6623025	C6623125	2x9V	2x2222mA	2x2300mA
C6623027	C6623127	2x12V	2x1667mA	2x1700mA
C6623029	C6623129	2x15V	2x1333mA	2x1400mA
C6623031	C6623131	2x18V	2x1111mA	2x1200mA
C6623039	C6623139	2x20V	2x1000mA	2x1100mA
C6623033	C6623133	2x24V	2x833mA	2x900mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C6631 (EI 66)

60,0VA - Ta70ºB

Dim:55x66x54,3mm

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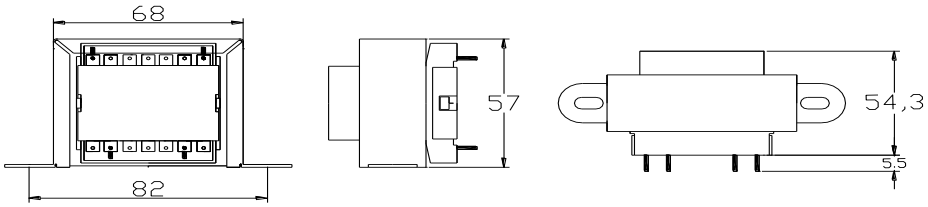
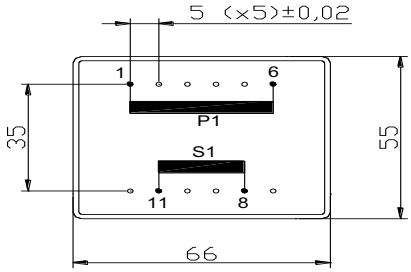
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



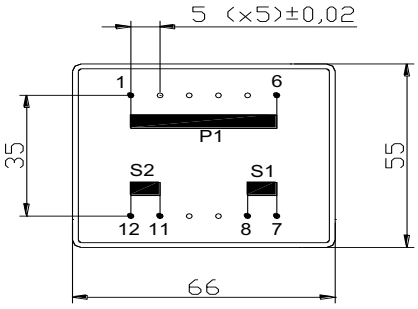
SINGLE SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6631064	C6631164	4,5V	13333mA	14000mA
C6631050	C6631150	6V	10000mA	11000mA
C6631052	C6631152	7,5V	8000mA	8500mA
C6631054	C6631154	9V	6667mA	7000mA
C6631056	C6631156	12V	5000mA	6000mA
C6631058	C6631158	15V	4000mA	5000mA
C6631060	C6631160	18V	3333mA	3750mA
C6631070	C6631170	20V	3000mA	3125mA
C6631062	C6631172	24V	2500mA	2750mA



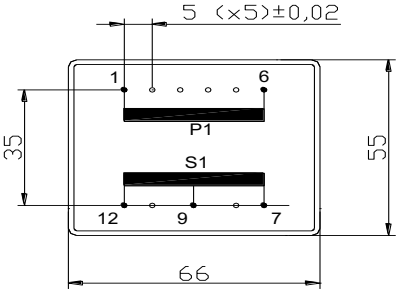
DUAL SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6631065	C6631165	2x4,5V	2x6667mA	2x7000mA
C6631051	C6631151	2x6V	2x5000mA	2x6000mA
C6631053	C6631153	2x7,5V	2x4000mA	2x5000mA
C6631055	C6631155	2x9V	2x3333mA	2x4000mA
C6631057	C6631157	2x12V	2x2500mA	2x3000mA
C6631059	C6631159	2x15V	2x2000mA	2x2500mA
C6631061	C66311161	2x18V	2x1667mA	2x2000mA
C6631069	C6631169	2x20V	2x1500mA	2x1700mA
C6631063	C6631163	2x24V	2x1250mA	2x1500mA



CENTER TAPPED, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6625085	C6631185	2x4,5V	2x6667mA	2x7000mA
C6631071	C6631171	2x6V	2x5000mA	2x6000mA
C6631073	C6631173	2x7,5V	2x4000mA	2x5000mA
C6631075	C6631175	2x9V	2x3333mA	2x4000mA
C6631077	C6631177	2x12V	2x2500mA	2x3000mA
C6631079	C6631179	2x15V	2x2000mA	2x2500mA
C6631081	C6631181	2x18V	2x1667mA	2x2000mA
C6631089	C6631189	2x20V	2x1500mA	2x1700mA
C6631083	C6631183	2x24V	2x1250mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

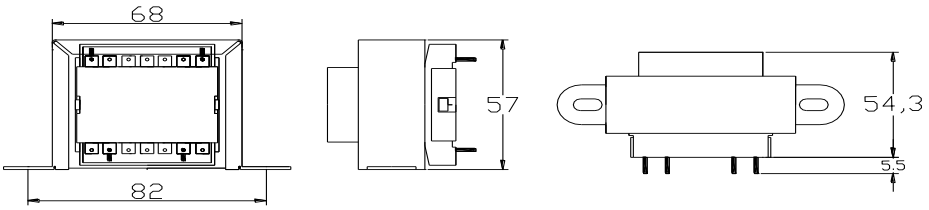
C6631 (EI 66)

70VA - Ta40ºB

Dim:55x66x54,3mm

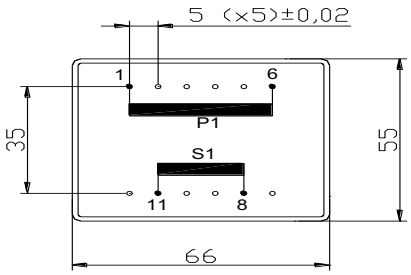
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



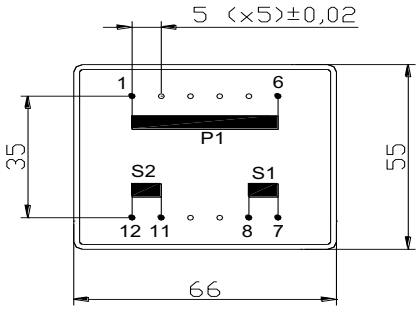
SINGLE SECONDARY, 70VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6631014	C6631114	4,5V	15556mA	16000mA
C6631000	C6631100	6V	11667mA	12000mA
C6631002	C6631102	7,5V	93333mA	10000mA
C6631004	C6631104	9V	7778mA	8000mA
C6631006	C6631106	12V	5833mA	315mA
C6631008	C6631108	15V	4667mA	6000mA
C6631010	C6631110	18V	3889mA	4000mA
C6631020	C6631120	20V	3500mA	3750mA
C6631012	C6631112	24V	2917mA	3000mA



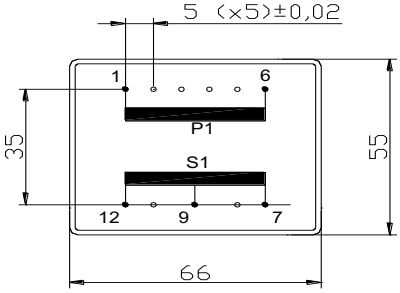
DUAL SECONDARY, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6631015	C6631115	2x4,5V	2x7778mA	2x8000mA
C6631001	C6631101	2x6V	2x5833mA	2x6000mA
C6631003	C6631103	2x7,5V	2x4667mA	2x5000mA
C6631005	C6631105	2x9V	2x3889mA	2x4000mA
C6631007	C6631107	2x12V	2x2917mA	2x3000mA
C6631009	C6631109	2x15V	2x2333mA	2x2500mA
C6631011	C6631111	2x18V	2x1944mA	2x2000mA
C6631019	C6631119	2x20V	2x1750mA	2x2000mA
C6631013	C6631113	2x24V	2x1458mA	2x1500mA



CENTER TAPPED, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C6631035	C6631135	2x4,5V	2x7778mA	2x8000mA
C6631021	C6631121	2x6V	2x5833mA	2x6000mA
C6631023	C6631123	2x7,5V	2x4667mA	2x5000mA
C6631025	C6631125	2x9V	2x3889mA	2x4000mA
C6631027	C6631127	2x12V	2x2917mA	2x3000mA
C6631029	C6631129	2x15V	2x2333mA	2x2500mA
C6631031	C6631131	2x18V	2x1944mA	2x2000mA
C6631039	C6631139	2x20V	2x1750mA	2x2000mA
C6631033	C6631133	2x24V	2x1458mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C7525 (EI 75)

60VA - Ta70ºB

Dim:62x75x69mm

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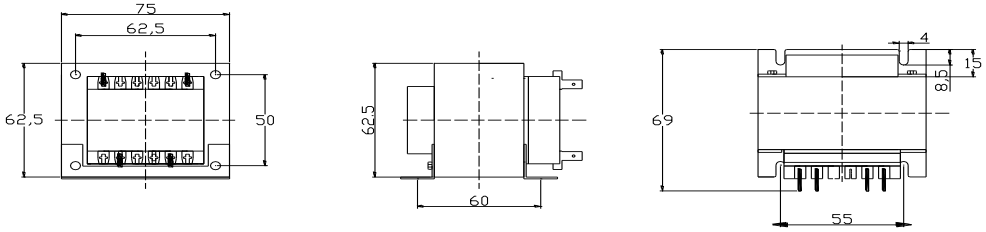
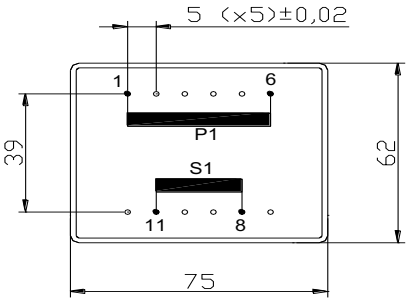
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



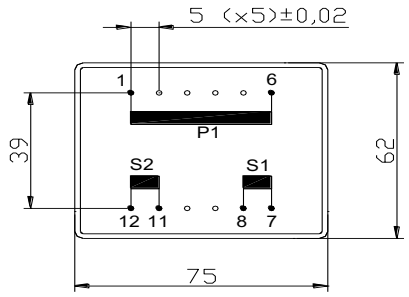
SINGLE SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525064	C7525164	4,5V	13333mA	14000mA
C7525050	C7525150	6V	10000mA	11000mA
C7525052	C7525152	7,5V	8000mA	500mA
C7525054	C7525154	9V	6667mA	400mA
C7525056	C7525156	12V	5000mA	315mA
C7525058	C7525158	15V	4000mA	250mA
C7525060	C7525160	18V	3333mA	200mA
C7525070	C7525170	20V	3000mA	200mA
C7525062	C7525172	24V	2500mA	160mA



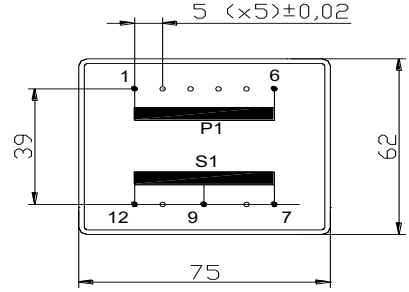
DUAL SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525065	C7525165	2x4,5V	2x6667mA	2x7000mA
C7525051	C7525151	2x6V	2x5000mA	2x6000mA
C7525053	C7525153	2x7,5V	2x4000mA	2x5000mA
C7525055	C7525155	2x9V	2x3333mA	2x3500mA
C7525057	C7525157	2x12V	2x2500mA	2x3000mA
C7525059	C7525159	2x15V	2x2000mA	2x2250mA
C7525061	C75251161	2x18V	2x1667mA	2x2000mA
C7525069	C7525169	2x20V	2x1500mA	2x1600mA
C7525063	C7525163	2x24V	2x1250mA	2x1500mA



CENTER TAPPED, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525085	C7525185	2x4,5V	2x6667mA	2x7000mA
C7525071	C7525171	2x6V	2x5000mA	2x6000mA
C7525073	C7525173	2x7,5V	2x4000mA	2x5000mA
C7525075	C7525175	2x9V	2x3333mA	2x3500mA
C7525077	C7525177	2x12V	2x2500mA	2x3000mA
C7525079	C7525179	2x15V	2x2000mA	2x2250mA
C7525081	C7525181	2x18V	2x1667mA	2x2000mA
C7525089	C7525189	2x20V	2x1500mA	2x1600mA
C7525083	C7525183	2x24V	2x1250mA	2x1500mA

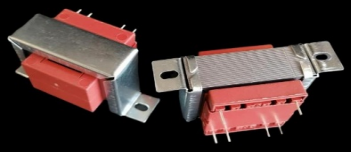


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C7525 (EI 75)

70VA - Ta40ºB

Dim:62x75x69mm



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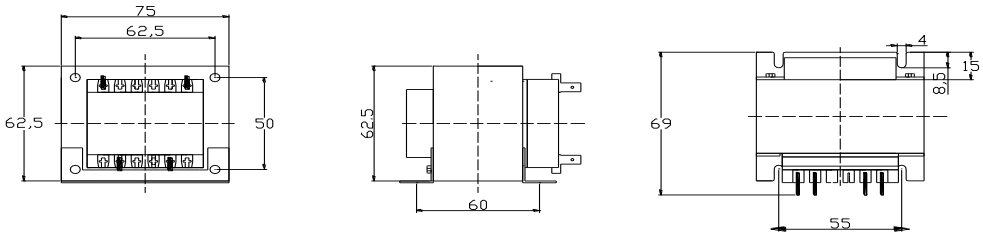
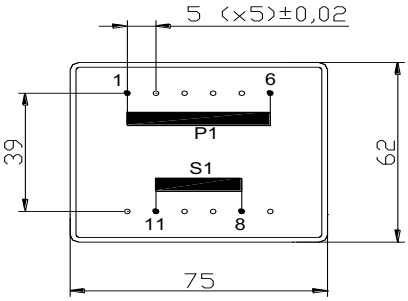
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



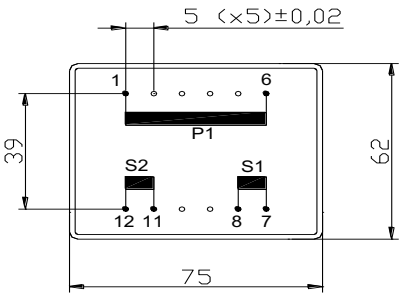
SINGLE SECONDARY, 70VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525014	C7525114	4,5V	15556mA	16000mA
C7525000	C7525100	6V	11667mA	12000mA
C7525002	C7525102	7,5V	93333mA	10000mA
C7525004	C7525104	9V	7778mA	8000mA
C7525006	C7525106	12V	5833mA	6000mA
C7525008	C7525108	15V	4667mA	5000mA
C7525010	C7525110	18V	3889mA	4000mA
C7525020	C7525120	20V	3500mA	3750mA
C7525012	C7525112	24V	2917mA	3000mA



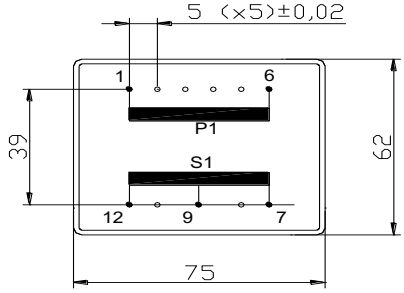
DUAL SECONDARY, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525015	C7525115	2x4,5V	2x7778mA	2x8000mA
C7525001	C7525101	2x6V	2x5833mA	2x6000mA
C7525003	C7525103	2x7,5V	2x4667mA	2x5000mA
C7525005	C7525105	2x9V	2x3889mA	2x4000mA
C7525007	C7525107	2x12V	2x2917mA	2x3000mA
C7525009	C7525109	2x15V	2x2333mA	2x2500mA
C7525011	C7525111	2x18V	2x1944mA	2x2250mA
C7525019	C7525119	2x20V	2x1750mA	2x2000mA
C7525013	C7525113	2x24V	2x1458mA	2x1500mA



CENTER TAPPED, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525035	C7525135	2x4,5V	2x7778mA	2x8000mA
C7525021	C7525121	2x6V	2x5833mA	2x6000mA
C7525023	C7525123	2x7,5V	2x4667mA	2x5000mA
C7525025	C7525125	2x9V	2x3889mA	2x4000mA
C7525027	C7525127	2x12V	2x2917mA	2x3000mA
C7525029	C7525129	2x15V	2x2333mA	2x2500mA
C7525031	C7525131	2x18V	2x1944mA	2x2250mA
C7525039	C7525139	2x20V	2x1750mA	2x2000mA
C7525033	C7525133	2x24V	2x1458mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C7535 (EI 75)

85VA - Ta70ºB

Dim:62x75x64,5mm

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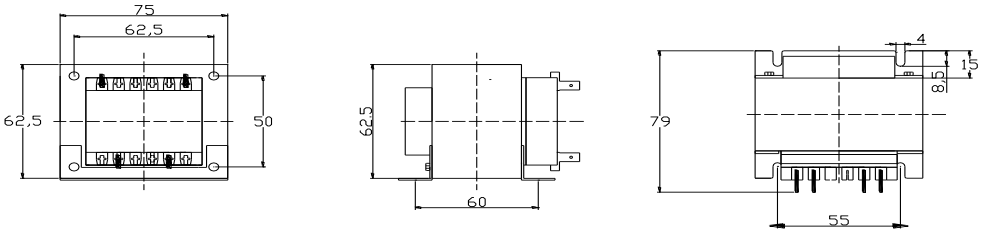
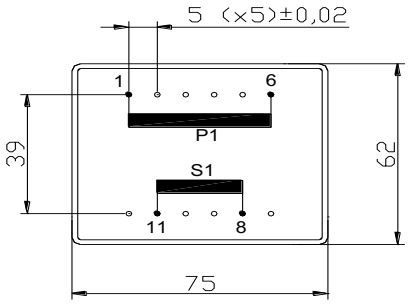
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



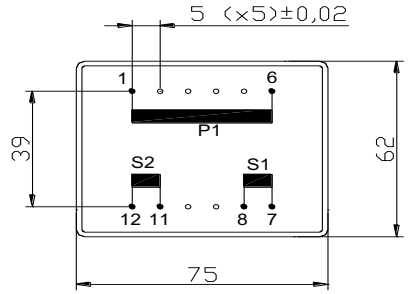
SINGLE SECONDARY, 85VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7535064	C7535164	4,5V	18889mA	19000mA
C7535050	C7535150	6V	14167mA	15000mA
C7535052	C7535152	7,5V	11333mA	12000mA
C7535054	C7535154	9V	9444mA	10000mA
C7535056	C7535156	12V	7083mA	8000mA
C7535058	C7535158	15V	5667mA	6000mA
C7535060	C7535160	18V	4722mA	5000mA
C7535070	C7535170	20V	4250mA	5000mA
C7535062	C7535172	24V	3542mA	4000mA



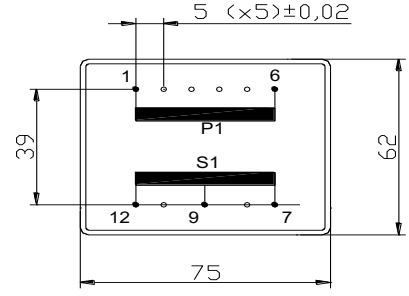
DUAL SECONDARY, 85VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7535065	C7535165	2x4,5V	2x9444mA	2x10000mA
C7535051	C7535151	2x6V	2x7083mA	2x8000mA
C7535053	C7535153	2x7,5V	2x5667mA	2x6000mA
C7535055	C7535155	2x9V	2x4722mA	2x5000mA
C7535057	C7535157	2x12V	2x3542mA	2x4000mA
C7535059	C7535159	2x15V	2x2833mA	2x3000mA
C7535061	C75351161	2x18V	2x32361mA	2x3000mA
C7535069	C7535169	2x20V	2x2125mA	2x2500mA
C7535063	C7535163	2x24V	2x1771mA	2x2000mA



CENTER TAPPED, 85VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525085	C7535185	2x4,5V	2x9444mA	2x10000mA
C7535071	C7535171	2x6V	2x7083mA	2x8000mA
C7535073	C7535173	2x7,5V	2x5667mA	2x6000mA
C7535075	C7535175	2x9V	2x4722mA	2x5000mA
C7535077	C7535177	2x12V	2x3542mA	2x4000mA
C7535079	C7535179	2x15V	2x2833mA	2x3000mA
C7535081	C7535181	2x18V	2x32361mA	2x3000mA
C7535089	C7535189	2x20V	2x2125mA	2x2500mA
C7535083	C7535183	2x24V	2x1771mA	2x2000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C7535 (EI 75)

100VA - Ta40ºB

Dim:62x75x79mm

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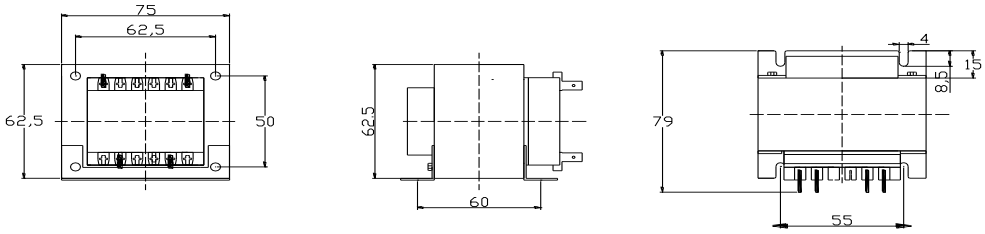
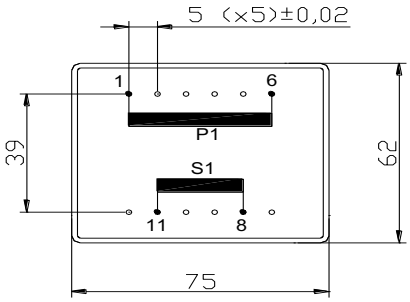
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



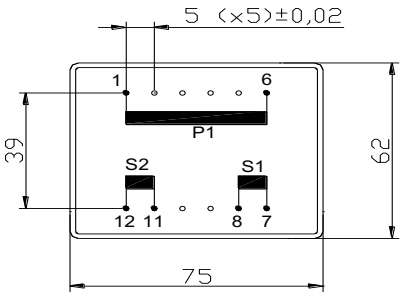
SINGLE SECONDARY, 100VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7535014	C7535114	4,5V	22222mA	25000mA
C7535000	C7535100	6V	16667mA	17000mA
C7535002	C7535102	7,5V	13333mA	15000mA
C7535004	C7535104	9V	11111mA	12000mA
C7535006	C7535106	12V	8333mA	10000mA
C7535008	C7535108	15V	6667mA	7000mA
C7535010	C7535110	18V	5556mA	6000mA
C7535020	C7535120	20V	5000mA	5500mA
C7535012	C7535112	24V	4167mA	5000mA



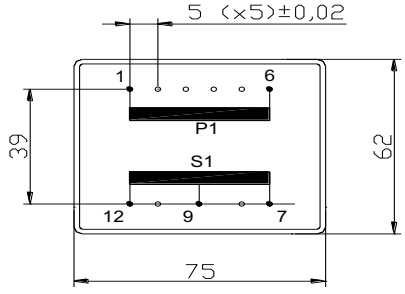
DUAL SECONDARY, 100VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7535015	C7535115	2x4,5V	2x11111mA	2x12000mA
C7535001	C7535101	2x6V	2x8333mA	2x9000mA
C7535003	C7535103	2x7,5V	2x6667mA	2x7500mA
C7535005	C7535105	2x9V	2x5556mA	2x6000mA
C7535007	C7535107	2x12V	2x4167mA	2x5000mA
C7535009	C7535109	2x15V	2x3333mA	2x3500mA
C7535011	C7535111	2x18V	2x2778mA	2x3000mA
C7535019	C7535119	2x20V	2x2500mA	2x2700mA
C7535013	C7535113	2x24V	2x2083mA	2x2100mA



CENTER TAPPED, 100VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7535035	C7535135	2x4,5V	2x11111mA	2x12000mA
C7535021	C7535121	2x6V	2x8333mA	2x9000mA
C7535023	C7535123	2x7,5V	2x6667mA	2x7500mA
C7535025	C7535125	2x9V	2x5556mA	2x6000mA
C7535027	C7535127	2x12V	2x4167mA	2x5000mA
C7535029	C7535129	2x15V	2x3333mA	2x3500mA
C7535031	C7535131	2x18V	2x2778mA	2x3000mA
C7535039	C7535139	2x20V	2x2500mA	2x2700mA
C7535033	C7535133	2x24V	2x2083mA	2x2100mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C7540 (EI 75)

100VA - Ta70ºB

Dim:62x75x84mm

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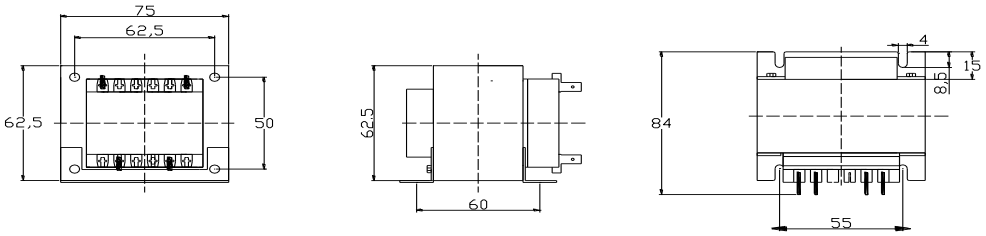
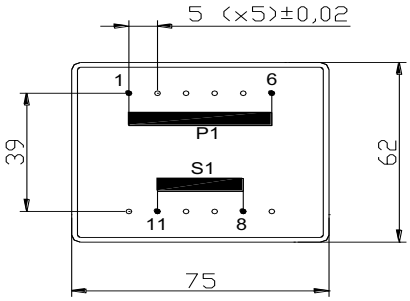
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



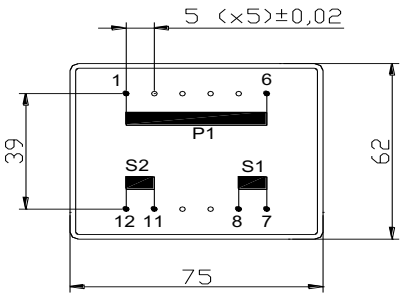
SINGLE SECONDARY, 100VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7540064	C7540164	4,5V	22222mA	23000mA
C7540050	C7540150	6V	16667mA	17000mA
C7540052	C7540152	7,5V	13333mA	15000mA
C7540054	C7540154	9V	11111mA	12000mA
C7540056	C7540156	12V	8333mA	9000mA
C7540058	C7540158	15V	6667mA	7000mA
C7540060	C7540160	18V	5556mA	6000mA
C7540070	C7540170	20V	5000mA	6000mA
C7540062	C7540172	24V	4167mA	5000mA



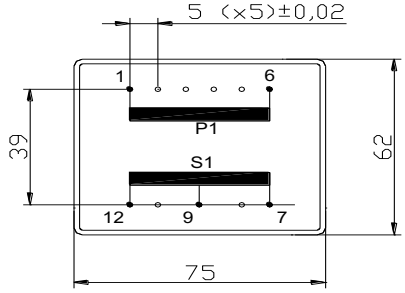
DUAL SECONDARY, 100VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7540065	C7540165	2x4,5V	2x11111mA	2x12000mA
C7540051	C7540151	2x6V	2x8333mA	2x9000mA
C7540053	C7540153	2x7,5V	2x6667mA	2x7000mA
C7540055	C7540155	2x9V	2x5556mA	2x6000mA
C7540057	C7540157	2x12V	2x4167mA	2x5000mA
C7540059	C7540159	2x15V	2x3333mA	2x4000mA
C7540061	C75401161	2x18V	2x2778mA	2x3000mA
C7540069	C7540169	2x20V	2x2500mA	2x3000mA
C7540063	C7540163	2x24V	2x2083mA	2x2000mA

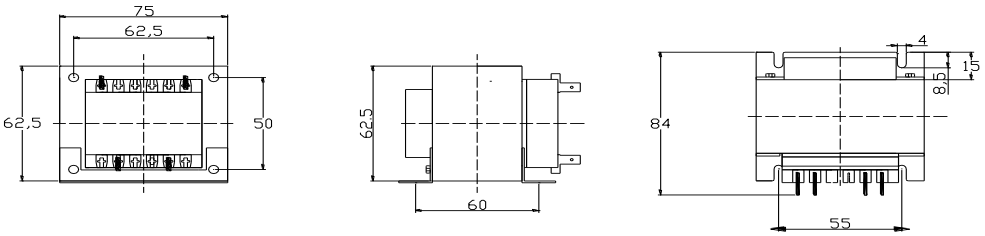


CENTER TAPPED, 100VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7525085	C7540185	2x4,5V	2x11111mA	2x12000mA
C7540071	C7540171	2x6V	2x8333mA	2x9000mA
C7540073	C7540173	2x7,5V	2x6667mA	2x7000mA
C7540075	C7540175	2x9V	2x5556mA	2x6000mA
C7540077	C7540177	2x12V	2x4167mA	2x5000mA
C7540079	C7540179	2x15V	2x3333mA	2x4000mA
C7540081	C7540181	2x18V	2x2778mA	2x3000mA
C7540089	C7540189	2x20V	2x2500mA	2x3000mA
C7540083	C7540183	2x24V	2x2083mA	2x2000mA

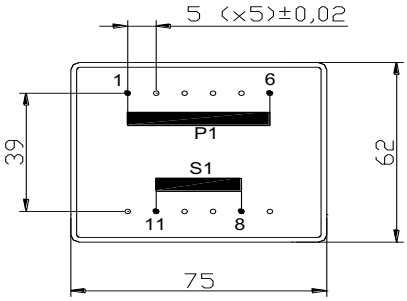


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085



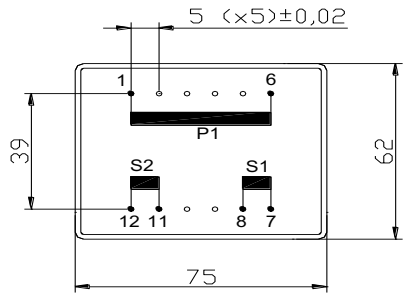
SINGLE SECONDARY, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7540014	C7540114	4,5V	26667mA	27000mA
C7540000	C7540100	6V	20000mA	20125mA
C7540002	C7540102	7,5V	16000mA	17000mA
C7540004	C7540104	9V	13333mA	15000mA
C7540006	C7540106	12V	10000mA	11000mA
C7540008	C7540108	15V	8000mA	9000mA
C7540010	C7540110	18V	6667mA	7000mA
C7540020	C7540120	20V	6000mA	7000mA
C7540012	C7540112	24V	5000mA	6000mA



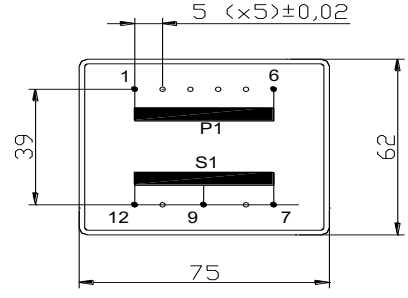
DUAL SECONDARY, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7540015	C7540115	2x4,5V	2x13333mA	2x14000mA
C7540001	C7540101	2x6V	2x10000mA	2x11000mA
C7540003	C7540103	2x7,5V	2x8000mA	2x10000mA
C7540005	C7540105	2x9V	2x6667mA	2x70000mA
C7540007	C7540107	2x12V	2x5000mA	2x6000mA
C7540009	C7540109	2x15V	2x4000mA	2x5000mA
C7540011	C7540111	2x18V	2x3333mA	2x40000mA
C7540019	C7540119	2x20V	2x3000mA	2x35000mA
C7540013	C7540113	2x24V	2x2500mA	2x30000mA



CENTER TAPPED, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C7540035	C7540135	2x4,5V	2x13333mA	2x14000mA
C7540021	C7540121	2x6V	2x10000mA	2x11000mA
C7540023	C7540123	2x7,5V	2x8000mA	2x10000mA
C7540025	C7540125	2x9V	2x6667mA	2x70000mA
C7540027	C7540127	2x12V	2x5000mA	2x6000mA
C7540029	C7540129	2x15V	2x4000mA	2x5000mA
C7540031	C7540131	2x18V	2x3333mA	2x40000mA
C7540039	C7540139	2x20V	2x3000mA	2x35000mA
C7540033	C7540133	2x24V	2x2500mA	2x30000mA

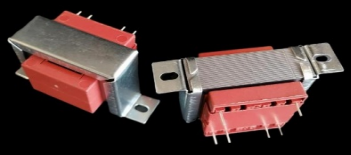


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C8444 (EI 84)

100VA - Ta70ºB

Dim:70x84x91mm



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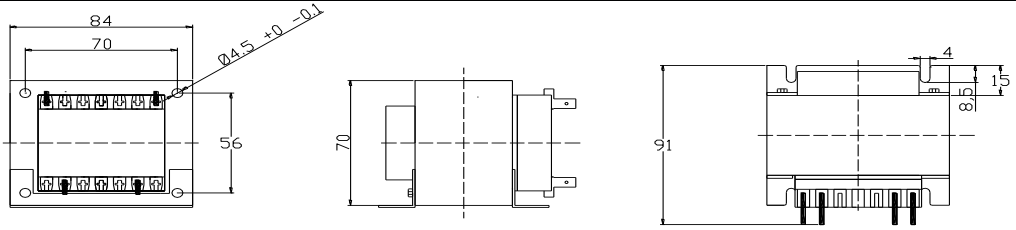
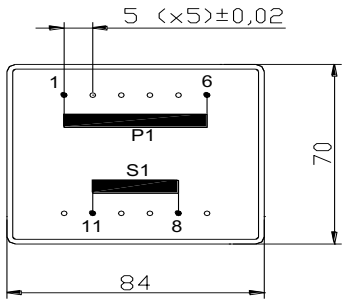
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



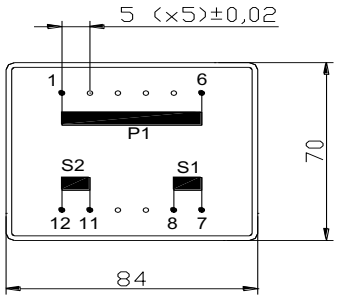
SINGLE SECONDARY, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8444064	C8444164	4,5V	22222mA	23000mA
C8444050	C8444150	6V	16667mA	17000mA
C8444052	C8444152	7,5V	13333mA	15000mA
C8444054	C8444154	9V	11111mA	12000mA
C8444056	C8444156	12V	8333mA	10000mA
C8444058	C8444158	15V	6667mA	70000mA
C8444060	C8444160	18V	5556mA	200mA
C8444070	C8444170	20V	5000mA	200mA
C8444062	C8444172	24V	4167mA	160mA



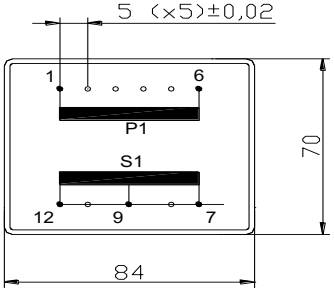
DUAL SECONDARY, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8444065	C8444165	2x4,5V	2x11111mA	2x12000mA
C8444051	C8444151	2x6V	2x8333mA	2x9000mA
C8444053	C8444153	2x7,5V	2x6667mA	2x7000mA
C8444055	C8444155	2x9V	2x5556mA	2x6000mA
C8444057	C8444157	2x12V	2x4167mA	2x5000mA
C8444059	C8444159	2x15V	2x3333mA	2x4000mA
C8444061	C84441161	2x18V	2x2778mA	2x3000mA
C8444069	C8444169	2x20V	2x2500mA	2x3000mA
C8444063	C8444163	2x24V	2x2083mA	2x2100mA



CENTER TAPPED, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8444085	C8444185	2x4,5V	2x11111mA	2x12000mA
C8444071	C8444171	2x6V	2x8333mA	2x9000mA
C8444073	C8444173	2x7,5V	2x6667mA	2x7000mA
C8444075	C8444175	2x9V	2x5556mA	2x6000mA
C8444077	C8444177	2x12V	2x4167mA	2x5000mA
C8444079	C8444179	2x15V	2x3333mA	2x4000mA
C8444081	C8444181	2x18V	2x2778mA	2x3000mA
C8444089	C8444189	2x20V	2x2500mA	2x3000mA
C8444083	C8444183	2x24V	2x2083mA	2x2100mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C8444 (EI 84)

120VA - Ta40ºB

Dim:70x84x91mm

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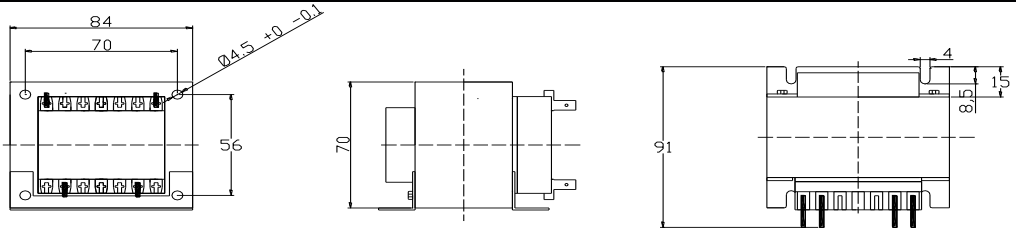
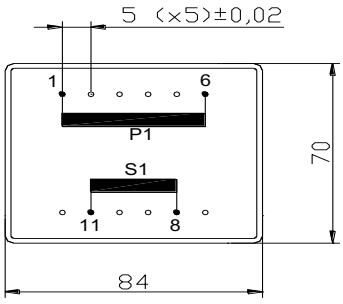
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



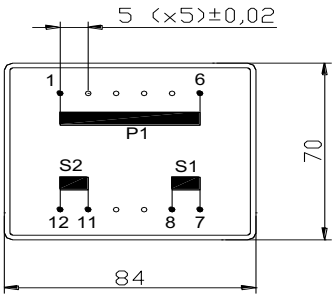
SINGLE SECONDARY, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8444014	C8444114	4,5V	26667mA	27000mA
C8444000	C8444100	6V	20000mA	21000mA
C8444002	C8444102	7,5V	16000mA	17000mA
C8444004	C8444104	9V	13333mA	15000mA
C8444006	C8444106	12V	10000mA	1100mA
C8444008	C8444108	15V	8000mA	9000mA
C8444010	C8444110	18V	6667mA	7000mA
C8444020	C8444120	20V	6000mA	7000mA
C8444012	C8444112	24V	5000mA	6000mA



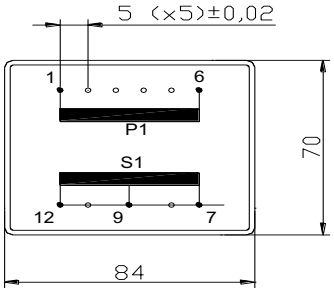
DUAL SECONDARY, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8444015	C8444115	2x4,5V	2x13333mA	2x14000mA
C8444001	C8444101	2x6V	2x10000mA	2x11000mA
C8444003	C8444103	2x7,5V	2x8000mA	2x10000mA
C8444005	C8444105	2x9V	2x6667mA	2x7000mA
C8444007	C8444107	2x12V	2x5000mA	2x6000mA
C8444009	C8444109	2x15V	2x4000mA	2x5000mA
C8444011	C8444111	2x18V	2x3333mA	2x4000mA
C8444019	C8444119	2x20V	2x3000mA	2x4000mA
C8444013	C8444113	2x24V	2x2500mA	2x3000mA



CENTER TAPPED, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8444035	C8444135	2x4,5V	2x13333mA	2x14000mA
C8444021	C8444121	2x6V	2x10000mA	2x11000mA
C8444023	C8444123	2x7,5V	2x8000mA	2x10000mA
C8444025	C8444125	2x9V	2x6667mA	2x7000mA
C8444027	C8444127	2x12V	2x5000mA	2x6000mA
C8444029	C8444129	2x15V	2x3333mA	2x5000mA
C8444031	C8444131	2x18V	2x3333mA	2x4000mA
C8444039	C8444139	2x20V	2x3000mA	2x4000mA
C8444033	C8444133	2x24V	2x2500mA	2x3000mA

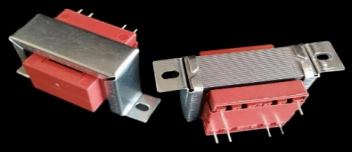


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C8450 (EI 84)

130VA - Ta70ºB

Dim:70x84x97mm



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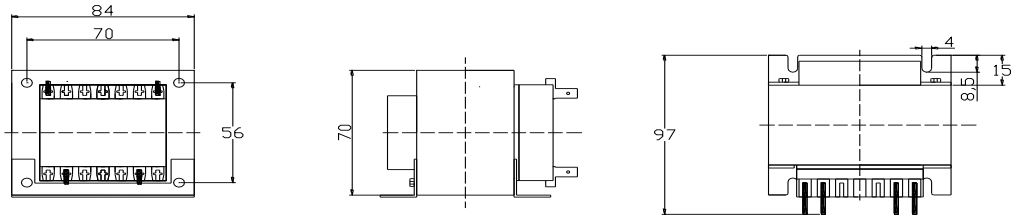
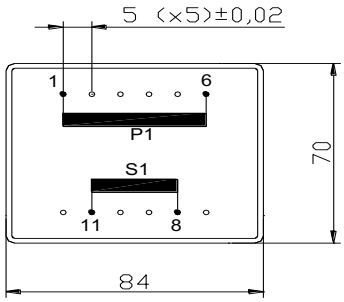
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



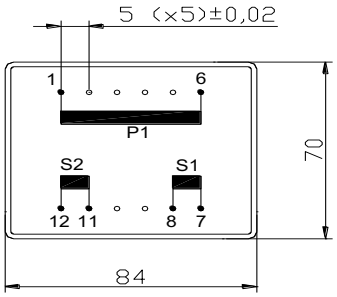
SINGLE SECONDARY, 130VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8450064	C8450164	4,5V	28889mA	29000mA
C8450050	C8450150	6V	21667mA	22000mA
C8450052	C8450152	7,5V	17333mA	18000mA
C8450054	C8450154	9V	14444mA	15000mA
C8450056	C8450156	12V	10833mA	11000mA
C8450058	C8450158	15V	8667mA	9000mA
C8450060	C8450160	18V	7222mA	80000mA
C8450070	C8450170	20V	6500mA	7000mA
C8450062	C8450172	24V	5417mA	6000mA



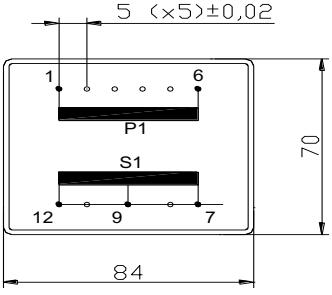
DUAL SECONDARY, 130VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8450065	C8450165	2x4,5V	2x14444mA	2x15000mA
C8450051	C8450151	2x6V	2x10833mA	2x11000mA
C8450053	C8450153	2x7,5V	2x8667mA	2x10000mA
C8450055	C8450155	2x9V	2x7222mA	2x8000mA
C8450057	C8450157	2x12V	2x5417mA	2x6000mA
C8450059	C8450159	2x15V	2x4333mA	2x5000mA
C8450061	C84501161	2x18V	2x3611mA	2x4000mA
C8450069	C8450169	2x20V	2x3250mA	2x4000mA
C8450063	C8450163	2x24V	2x2708mA	2x3000mA



CENTER TAPPED, 130VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8450085	C8450185	2x4,5V	2x14444mA	2x15000mA
C8450071	C8450171	2x6V	2x10833mA	2x11000mA
C8450073	C8450173	2x7,5V	2x8667mA	2x10000mA
C8450075	C8450175	2x9V	2x7222mA	2x8000mA
C8450077	C8450177	2x12V	2x5417mA	2x6000mA
C8450079	C8450179	2x15V	2x4333mA	2x5000mA
C8450081	C8450181	2x18V	2x3611mA	2x4000mA
C8450089	C8450189	2x20V	2x3250mA	2x4000mA
C8450083	C8450183	2x24V	2x2708mA	2x3000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C8450 (EI 84)

150VA - Ta40ºB

Dim:70x84x97mm

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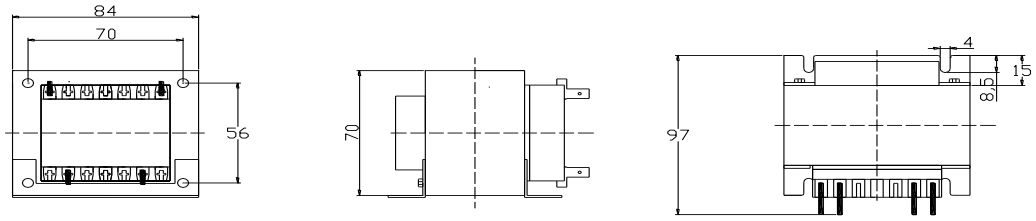
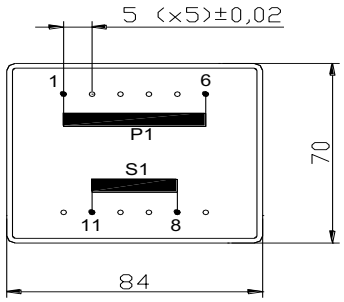
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



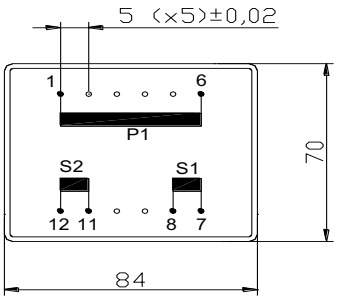
SINGLE SECONDARY, 150VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8450014	C8450114	4,5V	33333mA	35000mA
C8450000	C8450100	6V	25000mA	30000mA
C8450002	C8450102	7,5V	20000mA	21000mA
C8450004	C8450104	9V	16667mA	17000mA
C8450006	C8450106	12V	12500mA	15000mA
C8450008	C8450108	15V	10000mA	11000mA
C8450010	C8450110	18V	8333mA	10000mA
C8450020	C8450120	20V	7500mA	9000mA
C8450012	C8450112	24V	6250mA	7000mA



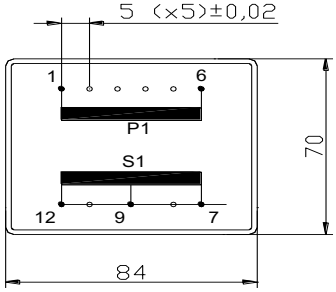
DUAL SECONDARY, 150VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8450015	C8450115	2x4,5V	2x16667mA	2x17000mA
C8450001	C8450101	2x6V	2x1250mA	2x1500mA
C8450003	C8450103	2x7,5V	2x10000mA	2x1100mA
C8450005	C8450105	2x9V	2x8333mA	2x1000mA
C8450007	C8450107	2x12V	2x6250mA	2x7000mA
C8450009	C8450109	2x15V	2x5000mA	2x6000mA
C8450011	C8450111	2x18V	2x4167mA	2x5000mA
C8450019	C8450119	2x20V	2x3750mA	2x4000mA
C8450013	C8450113	2x24V	2x3125mA	2x4000mA



CENTER TAPPED, 150VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C8450035	C8450135	2x4,5V	2x16667mA	2x17000mA
C8450021	C8450121	2x6V	2x1250mA	2x1500mA
C8450023	C8450123	2x7,5V	2x10000mA	2x1100mA
C8450025	C8450125	2x9V	2x8333mA	2x1000mA
C8450027	C8450127	2x12V	2x6250mA	2x7000mA
C8450029	C8450129	2x15V	2x5000mA	2x6000mA
C8450031	C8450131	2x18V	2x4167mA	2x5000mA
C8450039	C8450139	2x20V	2x3750mA	2x4000mA
C8450033	C8450133	2x24V	2x3125mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C9640 (EI 96)

150VA - Ta70ºB

Dim:80x96x79,6mm

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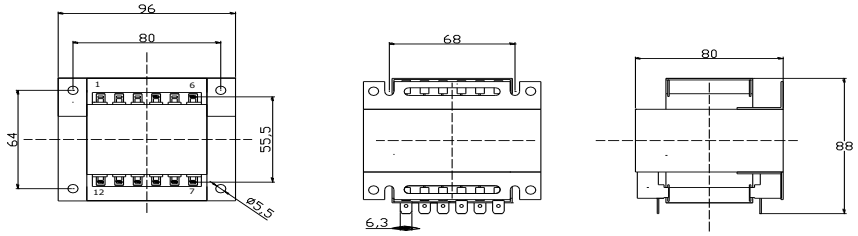
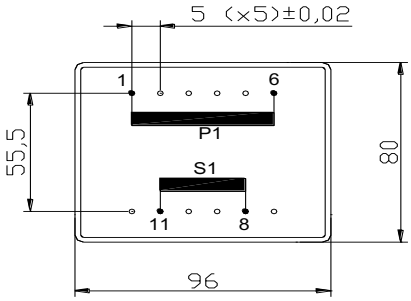
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



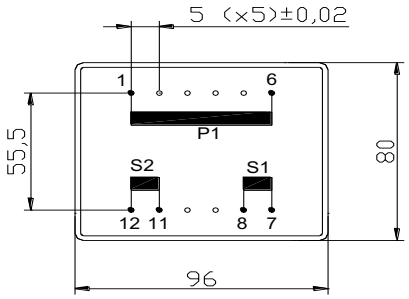
SINGLE SECONDARY, 150VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9640064	C9640164	4,5V	33333mA	35000mA
C9640050	C9640150	6V	25000mA	26000mA
C9640052	C9640152	7,5V	20000mA	21000mA
C9640054	C9640154	9V	16667mA	17000mA
C9640056	C9640156	12V	12500mA	13000mA
C9640058	C9640158	15V	10000mA	11000mA
C9640060	C9640160	18V	8333mA	9000mA
C9640070	C9640170	20V	7500mA	8000mA
C9640062	C9640172	24V	6250mA	7000mA



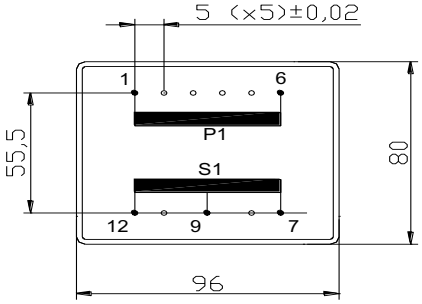
DUAL SECONDARY, 150VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9640065	C9640165	2x4,5V	2x16667mA	2x17000mA
C9640051	C9640151	2x6V	2x1250mA	2x13000mA
C9640053	C9640153	2x7,5V	2x10000mA	2x11000mA
C9640055	C9640155	2x9V	2x8333mA	2x9000mA
C9640057	C9640157	2x12V	2x6250mA	2x7000mA
C9640059	C9640159	2x15V	2x5000mA	2x6000mA
C9640061	C96401161	2x18V	2x4167mA	2x5000mA
C9640069	C9640169	2x20V	2x3750mA	2x4000mA
C9640063	C9640163	2x24V	2x3125mA	2x4000mA



CENTER TAPPED, 150VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9640085	C9640185	2x4,5V	2x16667mA	2x17000mA
C9640071	C9640171	2x6V	2x1250mA	2x13000mA
C9640073	C9640173	2x7,5V	2x10000mA	2x11000mA
C9640075	C9640175	2x9V	2x8333mA	2x9000mA
C9640077	C9640177	2x12V	2x6250mA	2x7000mA
C9640079	C9640179	2x15V	2x5000mA	2x6000mA
C9640081	C9640181	2x18V	2x4167mA	2x5000mA
C9640089	C9640189	2x20V	2x3750mA	2x4000mA
C9640083	C9640183	2x24V	2x3125mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C9640 (EI 96)

170VA - Ta40ºB

Dim:80x96x79,6mm

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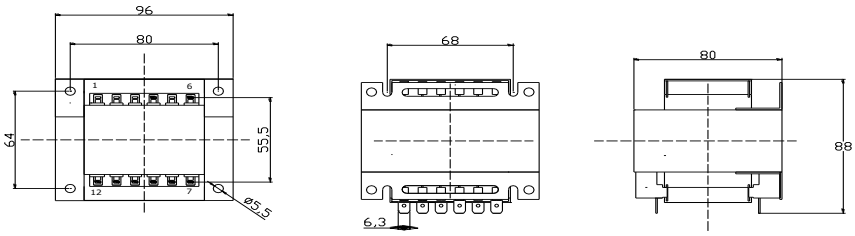
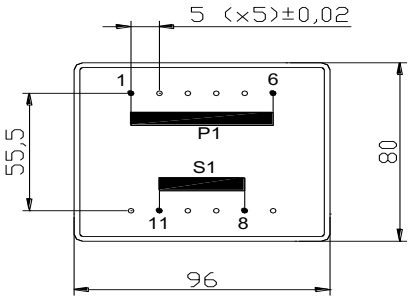
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



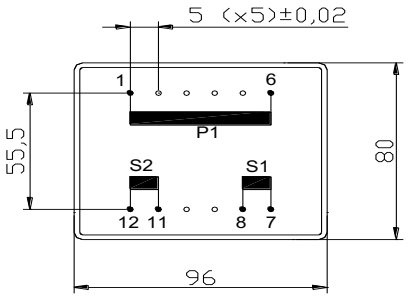
SINGLE SECONDARY, 170VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9640014	C9640114	4,5V	37778mA	38000mA
C9640000	C9640100	6V	28333mA	30000mA
C9640002	C9640102	7,5V	22667mA	25000mA
C9640004	C9640104	9V	18889mA	20000mA
C9640006	C9640106	12V	14167mA	15000mA
C9640008	C9640108	15V	11333mA	12000mA
C9640010	C9640110	18V	9444mA	10000mA
C9640020	C9640120	20V	8500mA	9000mA
C9640012	C9640112	24V	7083mA	8000mA



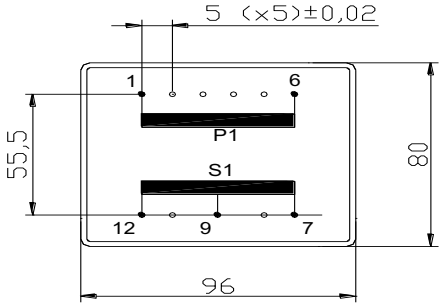
DUAL SECONDARY, 170VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9640015	C9640115	2x4,5V	2x18889mA	2x20000mA
C9640001	C9640101	2x6V	2x14167mA	2x15000mA
C9640003	C9640103	2x7,5V	2x11333mA	2x12000mA
C9640005	C9640105	2x9V	2x9444mA	2x10000mA
C9640007	C9640107	2x12V	2x7083mA	2x8000mA
C9640009	C9640109	2x15V	2x5667mA	2x6000mA
C9640011	C9640111	2x18V	2x4722mA	2x5000mA
C9640019	C9640119	2x20V	2x4250mA	2x5000mA
C9640013	C9640113	2x24V	2x3542mA	2x4000mA



CENTER TAPPED, 170VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9640035	C9640135	2x4,5V	2x18889mA	2x20000mA
C9640021	C9640121	2x6V	2x14167mA	2x15000mA
C9640023	C9640123	2x7,5V	2x11333mA	2x12000mA
C9640025	C9640125	2x9V	2x9444mA	2x10000mA
C9640027	C9640127	2x12V	2x7083mA	2x8000mA
C9640029	C9640129	2x15V	2x5667mA	2x6000mA
C9640031	C9640131	2x18V	2x4722mA	2x5000mA
C9640039	C9640139	2x20V	2x4250mA	2x5000mA
C9640033	C9640133	2x24V	2x3542mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C9650 (EI 96)

160VA - Ta70ºB

Dim:80x96x98mm

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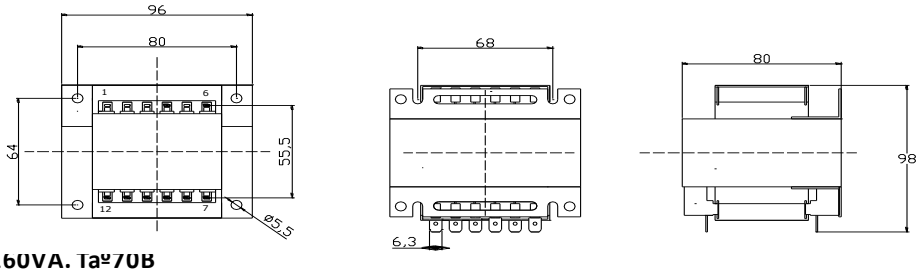
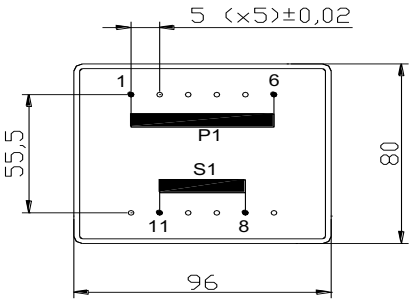
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



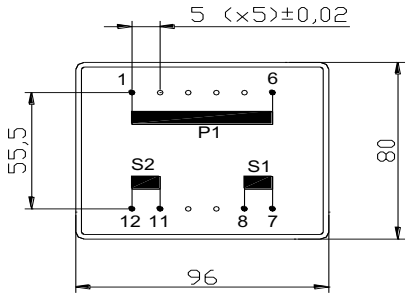
SINGLE SECONDARY, 160VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9650064	C9650164	4,5V	35556mA	36000mA
C9650050	C9650150	6V	26667mA	27000mA
C9650052	C9650152	7,5V	21333mA	22000mA
C9650054	C9650154	9V	17778mA	18000mA
C9650056	C9650156	12V	13333mA	14000mA
C9650058	C9650158	15V	10667mA	11000mA
C9650060	C9650160	18V	8889mA	9000mA
C9650070	C9650170	20V	8000mA	9000mA
C9650062	C9650172	24V	6667mA	7000mA



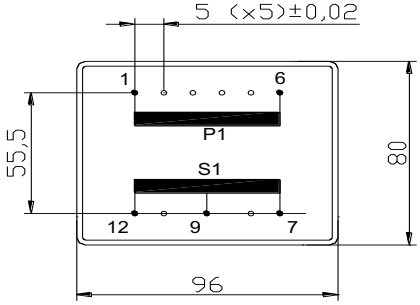
DUAL SECONDARY, 160VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9650065	C9650165	2x4,5V	2x17778mA	2x18000mA
C9650051	C9650151	2x6V	2x13333mA	2x14000mA
C9650053	C9650153	2x7,5V	2x10667mA	2x11000mA
C9650055	C9650155	2x9V	2x8889mA	2x9000mA
C9650057	C9650157	2x12V	2x6667mA	2x7000mA
C9650059	C9650159	2x15V	2x5333mA	2x6000mA
C9650061	C96501161	2x18V	2x4444mA	2x5000mA
C9650069	C9650169	2x20V	2x4000mA	2x5000mA
C9650063	C9650163	2x24V	2x3333mA	2x4000mA



CENTER TAPPED, 160VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9650085	C9650185	2x4,5V	2x17778mA	2x18000mA
C9650071	C9650171	2x6V	2x13333mA	2x14000mA
C9650073	C9650173	2x7,5V	2x10667mA	2x11000mA
C9650075	C9650175	2x9V	2x8889mA	2x9000mA
C9650077	C9650177	2x12V	2x6667mA	2x7000mA
C9650079	C9650179	2x15V	2x5333mA	2x6000mA
C9650081	C9650181	2x18V	2x4444mA	2x5000mA
C9650089	C9650189	2x20V	2x4000mA	2x5000mA
C9650083	C9650183	2x24V	2x3333mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C9650 (EI 96)

185VA - Ta40ºB

Dim:80x96x98mm

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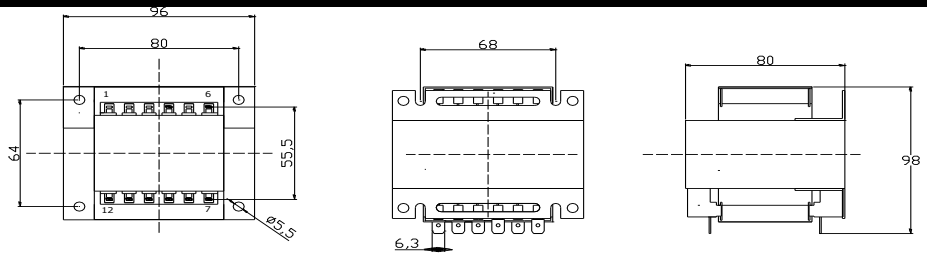
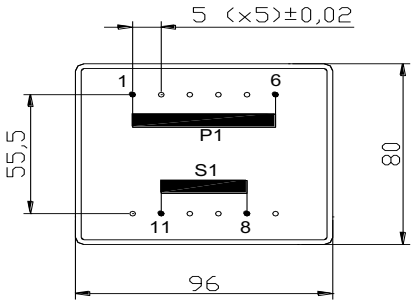
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



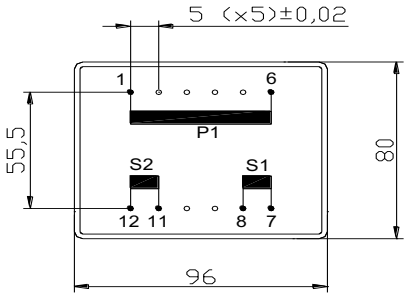
SINGLE SECONDARY, 185VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9650014	C9650114	4,5V	41111mA	42000mA
C9650000	C9650100	6V	30833mA	31000mA
C9650002	C9650102	7,5V	24667mA	25000mA
C9650004	C9650104	9V	20556mA	21000mA
C9650006	C9650106	12V	15417mA	16000mA
C9650008	C9650108	15V	12333mA	13000mA
C9650010	C9650110	18V	10278mA	11000mA
C9650020	C9650120	20V	9250mA	10000mA
C9650012	C9650112	24V	7708mA	8000mA



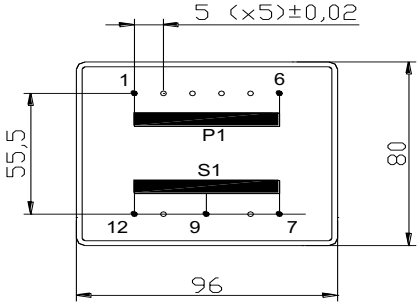
DUAL SECONDARY, 185VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9650015	C9650115	2x4,5V	2x20556mA	2x21000mA
C9650001	C9650101	2x6V	2x15417mA	2x16000mA
C9650003	C9650103	2x7,5V	2x12333mA	2x13000mA
C9650005	C9650105	2x9V	2x10278mA	2x11000mA
C9650007	C9650107	2x12V	2x7708mA	2x8000mA
C9650009	C9650109	2x15V	2x6167mA	2x7000mA
C9650011	C9650111	2x18V	2x5139mA	2x6000mA
C9650019	C9650119	2x20V	2x4625mA	2x5000mA
C9650013	C9650113	2x24V	2x3854mA	2x4000mA



CENTER TAPPED, 185VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9650035	C9650135	2x4,5V	2x20556mA	2x21000mA
C9650021	C9650121	2x6V	2x15417mA	2x16000mA
C9650023	C9650123	2x7,5V	2x12333mA	2x13000mA
C9650025	C9650125	2x9V	2x10278mA	2x11000mA
C9650027	C9650127	2x12V	2x7708mA	2x8000mA
C9650029	C9650129	2x15V	2x6167mA	2x7000mA
C9650031	C9650131	2x18V	2x5139mA	2x6000mA
C9650039	C9650139	2x20V	2x4625mA	2x5000mA
C9650033	C9650133	2x24V	2x3854mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C9660 (EI 96)

170VA - Ta70ºB

Dim:80x96x108mm

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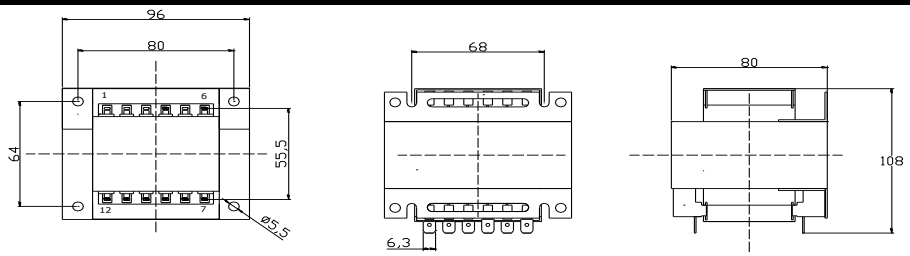
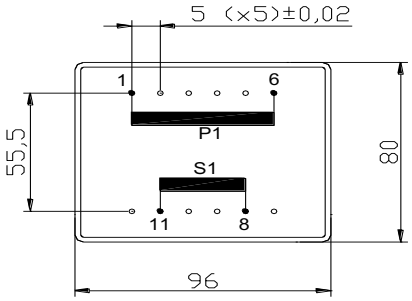
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



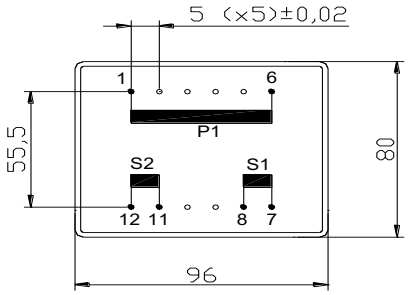
SINGLE SECONDARY, 170VA. Ta=70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9660064	C9660164	4,5V	37778mA	38000mA
C9660050	C9660150	6V	28333mA	30000mA
C9660052	C9660152	7,5V	22667mA	25000mA
C9660054	C9660154	9V	1889mA	20000mA
C9660056	C9660156	12V	14167mA	15000mA
C9660058	C9660158	15V	11333mA	12000mA
C9660060	C9660160	18V	9444mA	10000mA
C9660070	C9660170	20V	8500mA	9000mA
C9660062	C9660172	24V	7083mA	8000mA



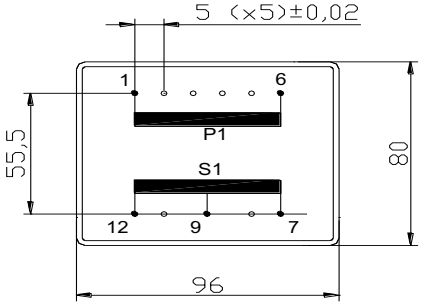
DUAL SECONDARY, 170VA. Ta=70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9660065	C9660165	2x4,5V	2x18889mA	2x20000mA
C9660051	C9660151	2x6V	2x14167mA	2x15000mA
C9660053	C9660153	2x7,5V	2x11333mA	2x12000mA
C9660055	C9660155	2x9V	2x9444mA	2x10000mA
C9660057	C9660157	2x12V	2x7083mA	2x8000mA
C9660059	C9660159	2x15V	2x5667mA	2x6000mA
C9660061	C96601161	2x18V	2x4722mA	2x5000mA
C9660069	C9660169	2x20V	2x4250mA	2x5000mA
C9660063	C9660163	2x24V	2x3542mA	2x4000mA



CENTER TAPPED, 170VA. Ta=70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9660085	C9660185	2x4,5V	2x18889mA	2x20000mA
C9660071	C9660171	2x6V	2x14167mA	2x15000mA
C9660073	C9660173	2x7,5V	2x11333mA	2x12000mA
C9660075	C9660175	2x9V	2x9444mA	2x10000mA
C9660077	C9660177	2x12V	2x7083mA	2x8000mA
C9660079	C9660179	2x15V	2x5667mA	2x6000mA
C9660081	C9660181	2x18V	2x4722mA	2x5000mA
C9660089	C9660189	2x20V	2x4250mA	2x5000mA
C9660083	C9660183	2x24V	2x3542mA	2x4000mA

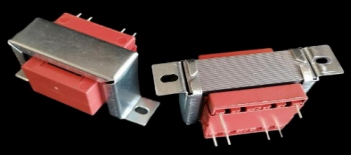


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

C9660 (EI 96)

200VA - Taº40B

Dim:80x96x108mm



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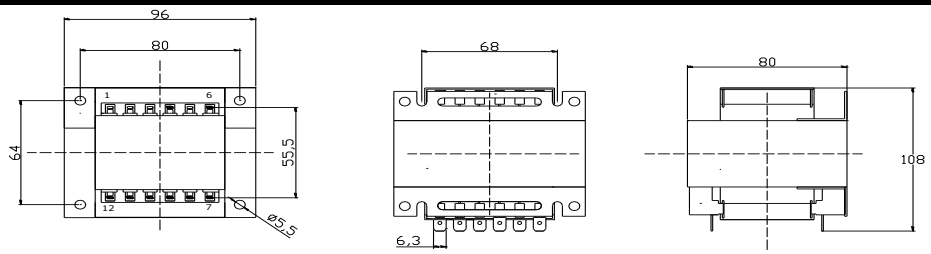
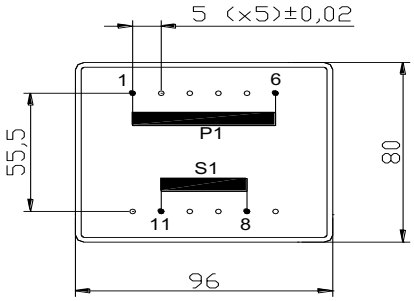
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



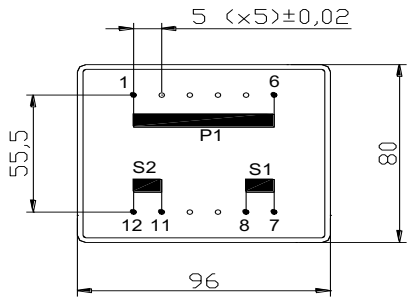
SINGLE SECONDARY, 200VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9660014	C9660114	4,5V	44444mA	45000mA
C9660000	C9660100	6V	33333mA	35000mA
C9660002	C9660102	7,5V	26667mA	27000mA
C9660004	C9660104	9V	22222mA	23000mA
C9660006	C9660106	12V	16667mA	17000mA
C9660008	C9660108	15V	13333mA	15000mA
C9660010	C9660110	18V	11111mA	12000mA
C9660020	C9660120	20V	10000mA	12000mA
C9660012	C9660112	24V	8333mA	10000mA



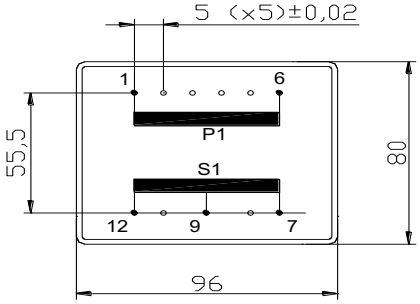
DUAL SECONDARY, 200VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9660015	C9660115	2x4,5V	2x22222mA	2x23000mA
C9660001	C9660101	2x6V	2x16667mA	2x17000mA
C9660003	C9660103	2x7,5V	2x13333mA	2x15000mA
C9660005	C9660105	2x9V	2x11111mA	2x12000mA
C9660007	C9660107	2x12V	2x8333mA	2x9000mA
C9660009	C9660109	2x15V	2x6667mA	2x7000mA
C9660011	C9660111	2x18V	2x5556mA	2x6000mA
C9660019	C9660119	2x20V	2x5000mA	2x6000mA
C9660013	C9660113	2x24V	2x4167mA	2x5000mA



CENTER TAPPED, 200VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
C9660035	C9660135	2x4,5V	2x22222mA	2x23000mA
C9660021	C9660121	2x6V	2x16667mA	2x17000mA
C9660023	C9660123	2x7,5V	2x13333mA	2x15000mA
C9660025	C9660125	2x9V	2x11111mA	2x12000mA
C9660027	C9660127	2x12V	2x8333mA	2x9000mA
C9660029	C9660129	2x15V	2x6667mA	2x7000mA
C9660031	C9660131	2x18V	2x5556mA	2x6000mA
C9660039	C9660139	2x20V	2x5000mA	2x6000mA
C9660033	C9660133	2x24V	2x4167mA	2x5000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S3814 (EI 38)

3,5VA - Ta40ºB

Dim:32x38x26,2mm

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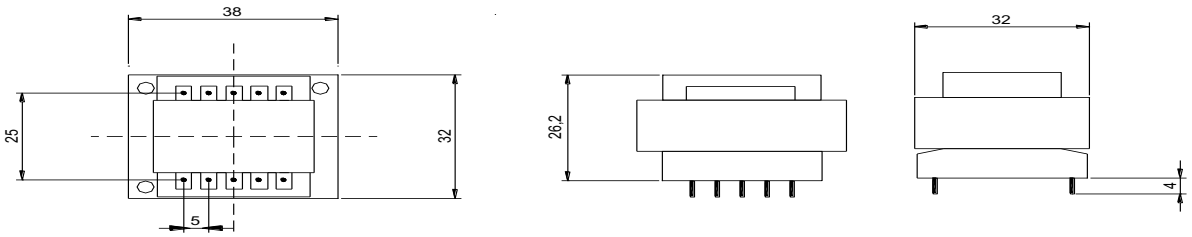
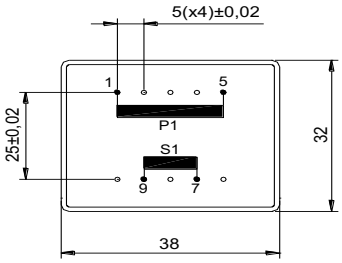
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



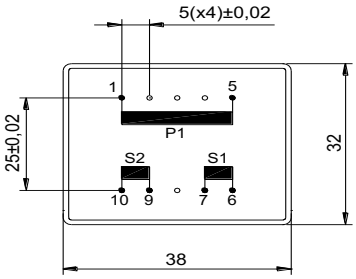
SINGLE SECONDARY, 3,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3814014	S3814114	4,5V	0,778mA	800mA
S3814000	S3814100	6V	0,583mA	630mA
S3814002	S3814102	7,5V	0,467mA	500mA
S3814004	S3814104	9V	0,389mA	400mA
S3814006	S3814106	12V	0,292mA	315mA
S3814008	S3814108	15V	0,233mA	250mA
S3814010	S3814110	18V	0,194mA	200mA
S3814020	S3814120	20V	0,175mA	200mA
S3814012	S3814112	24V	0,146mA	160mA



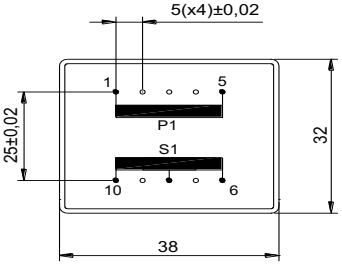
DUAL SECONDARY, 3,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3814015	S3814115	2x4,5V	2x389mA	2x400mA
S3814001	S3814101	2x6V	2x292mA	2x315mA
S3814003	S3814103	2x7,5V	2x233mA	2x250mA
S3814005	S3814105	2x9V	2x194mA	2x200mA
S3814007	S3814107	2x12V	2x146mA	2x160mA
S3814009	S3814109	2x15V	2x117mA	2x125mA
S3814011	S3814111	2x18V	2x97mA	2x100mA
S3814019	S3814119	2x20V	2x88mA	2x100mA
S3814013	S3814113	2x24V	2x73mA	2x80mA



CENTER TAPPED, 3,5VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3895035	S3814135	2x4,5V	2x389mA	2x400mA
S3814021	S3814121	2x6V	2x292mA	2x315mA
S3814023	S3814123	2x7,5V	2x233mA	2x250mA
S3814025	S3814125	2x9V	2x194mA	2x200mA
S3814027	S3814127	2x12V	2x146mA	2x160mA
S3814029	S3814129	2x15V	2x117mA	2x125mA
S3814031	S3814131	2x18V	2x97mA	2x100mA
S3814039	S3814139	2x20V	2x88mA	2x100mA
S3814033	S3814133	2x24V	2x73mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

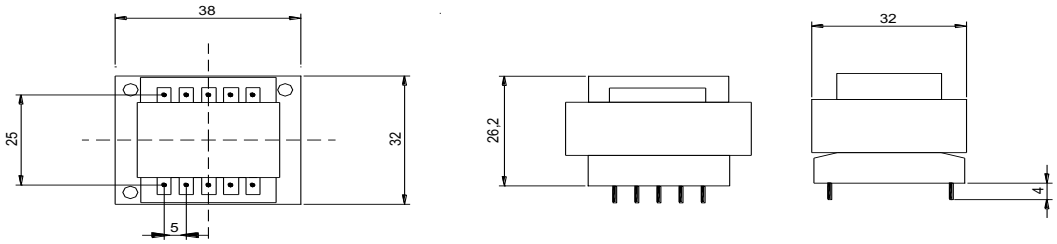
S3814 (EI 38)

3,0VA - Ta70ºB

Dim:32x38x26,2mm

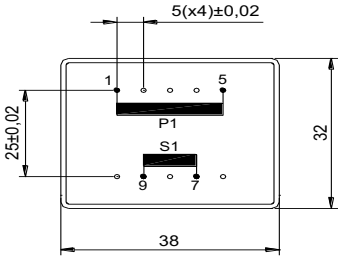
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



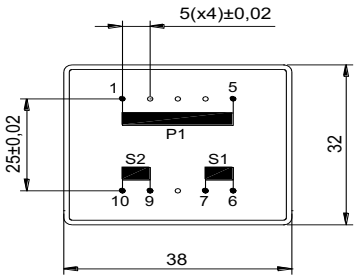
SINGLE SECONDARY, 3,0VA. Ta=70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3814064	S3814164	4,5V	667mA	800mA
S3814050	S3814150	6V	500mA	630mA
S3814052	S3814152	7,5V	400mA	500mA
S3814054	S3814154	9V	333mA	400mA
S3814056	S3814156	12V	250mA	315mA
S3814058	S3814158	15V	200mA	250mA
S3814060	S3814160	18V	167mA	200mA
S3814070	S3814170	20V	150mA	200mA
S3814062	S3814172	24V	125mA	160mA



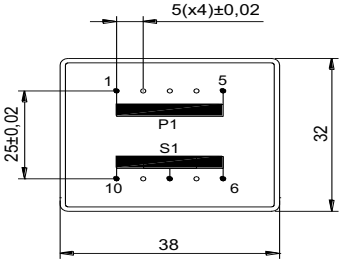
DUAL SECONDARY, 3,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3814065	S3814165	2x4,5V	2x333mA	2x400mA
S3814051	S3814151	2x6V	2x250mA	2x315mA
S3814053	S3814153	2x7,5V	2x200mA	2x250mA
S3814055	S3814155	2x9V	2x167mA	2x200mA
S3814057	S3814157	2x12V	2x125mA	2x160mA
S3814059	S3814159	2x15V	2x100mA	2x125mA
S3814061	S38141161	2x18V	2x83mA	2x100mA
S3814069	S3814169	2x20V	2x75mA	2x100mA
S3814063	S3814163	2x24V	2x63mA	2x80mA



CENTER TAPPED, 3,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3814085	S3814185	2x4,5V	2x333mA	2x400mA
S3814071	S3814171	2x6V	2x250mA	2x315mA
S3814073	S3814173	2x7,5V	2x200mA	2x250mA
S3814075	S3814175	2x9V	2x167mA	2x200mA
S3814077	S3814177	2x12V	2x125mA	2x160mA
S3814079	S3814179	2x15V	2x100mA	2x125mA
S3814081	S3814181	2x18V	2x83mA	2x100mA
S3814089	S3814189	2x20V	2x75mA	2x100mA
S3814083	S3814183	2x24V	2x63mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S3820 (EI 38)

4VA - Ta70ºB

Dim:32x38x33,2mm

OPEM FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

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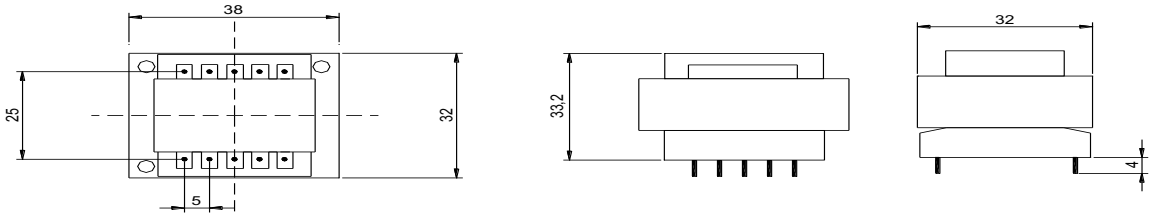
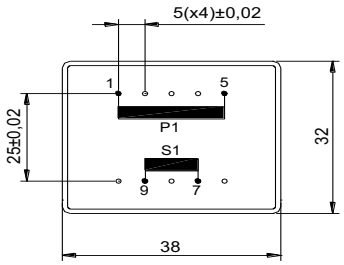


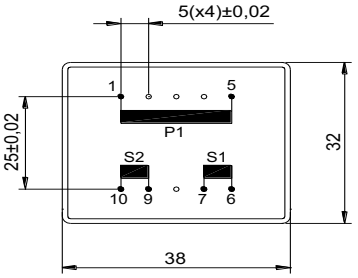
SINGLE SECONDARY, 4,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3820064	S3820164	4,5V	889mA	900mA
S3820050	S3820150	6V	667mA	700mA
S3820052	S3820152	7,5V	533mA	600mA
S3820054	S3820154	9V	444mA	500mA
S3820056	S3820156	12V	333mA	375mA
S3820058	S3820158	15V	267mA	300mA
S3820060	S3820160	18V	222mA	250mA
S3820070	S3820170	20V	200mA	250mA
S3820062	S3820172	24V	167mA	200mA



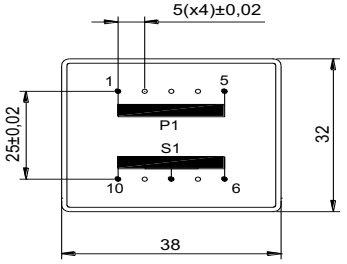
DUAL SECONDARY, 4,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3820065	S3820165	2x4,5V	2x444mA	2x500mA
S3820051	S3820151	2x6V	2x333mA	2x375mA
S3820053	S3820153	2x7,5V	2x267mA	2x300mA
S3820055	S3820155	2x9V	2x222mA	2x250mA
S3820057	S3820157	2x12V	2x167mA	2x200mA
S3820059	S3820159	2x15V	2x133mA	2x150mA
S3820061	S38201161	2x18V	2x111mA	2x125mA
S3820069	S3820169	2x20V	2x100mA	2x125mA
S3820063	S3820163	2x24V	2x83mA	2x100mA



CENTER TAPPED, 4,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3825085	S3820185	2x4,5V	2x444mA	2x500mA
S3820071	S3820171	2x6V	2x333mA	2x375mA
S3820073	S3820173	2x7,5V	2x267mA	2x300mA
S3820075	S3820175	2x9V	2x222mA	2x250mA
S3820077	S3820177	2x12V	2x167mA	2x200mA
S3820079	S3820179	2x15V	2x133mA	2x150mA
S3820081	S3820181	2x18V	2x111mA	2x125mA
S3820089	S3820189	2x20V	2x100mA	2x125mA
S3820083	S3820183	2x24V	2x83mA	2x100mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

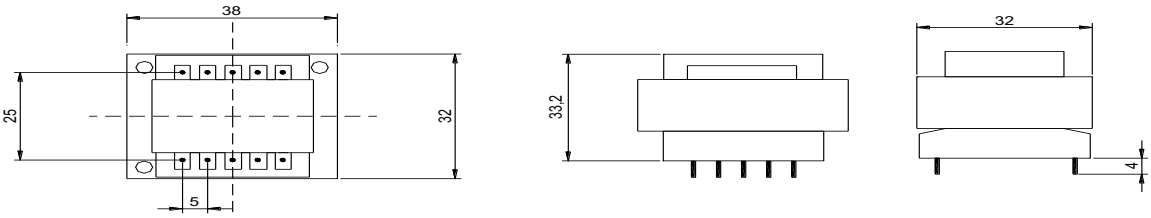
S3820 (EI 38)

6VA - Taº40B

Dim:32x38x33,2mm

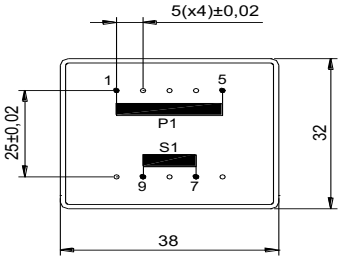
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



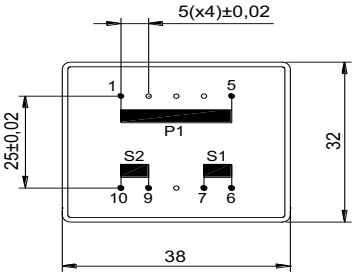
SINGLE SECONDARY, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3820014	S3820114	4,5V	1333mA	1400mA
S3820000	S3820100	6V	1000mA	1150mA
S3820002	S3820102	7,5V	800mA	1000mA
S3820004	S3820104	9V	667mA	700mA
S3820006	S3820106	12V	500mA	630mA
S3820008	S3820108	15V	400mA	500mA
S3820010	S3820110	18V	333mA	375mA
S3820020	S3820120	20V	300mA	350mA
S3820012	S3820112	24V	250mA	300mA



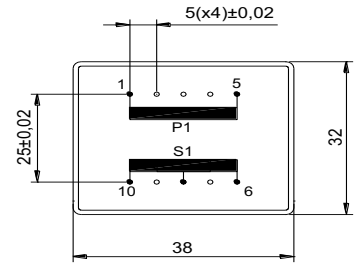
DUAL SECONDARY, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3820015	S3820115	2x4,5V	2x667mA	2x700mA
S3820001	S3820101	2x6V	2x500mA	2x550mA
S3820003	S3820103	2x7,5V	2x400mA	2x500mA
S3820005	S3820105	2x9V	2x333mA	2x200mA
S3820007	S3820107	2x12V	2x250mA	2x275mA
S3820009	S3820109	2x15V	2x200mA	2x250mA
S3820011	S3820111	2x18V	2x167mA	2x200mA
S3820019	S3820119	2x20V	2x150mA	2x175mA
S3820013	S3820113	2x24V	2x125mA	2x150mA



CENTER TAPPED, 6VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3820035	S3820135	2x4,5V	2x667mA	2x700mA
S3820021	S3820121	2x6V	2x500mA	2x550mA
S3820023	S3820123	2x7,5V	2x400mA	2x500mA
S3820025	S3820125	2x9V	2x333mA	2x200mA
S3820027	S3820127	2x12V	2x250mA	2x275mA
S3820029	S3820129	2x15V	2x200mA	2x250mA
S3820031	S3820131	2x18V	2x167mA	2x200mA
S3820039	S3820139	2x20V	2x150mA	2x175mA
S3820033	S3820133	2x24V	2x125mA	2x150mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S4215 (EI 42)

5VA - Ta70ºB

Dim:35x42x29,8mm

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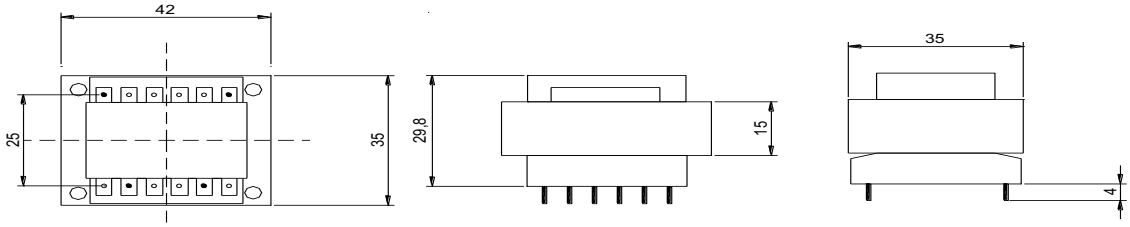
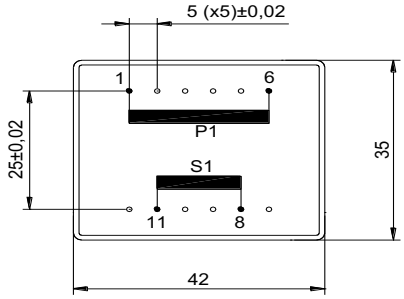
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



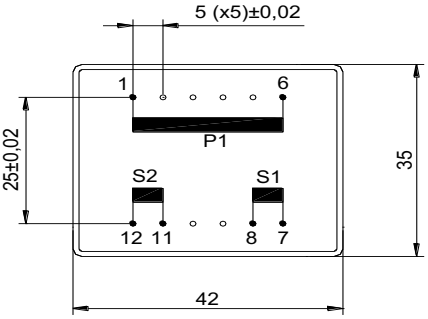
SINGLE SECONDARY, 5,0VA. Ta=70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4215064	S4215164	4,5V	1111mA	1200mA
S4215050	S4215150	6V	833mA	900mA
S4215052	S4215152	7,5V	667mA	700mA
S4215054	S4215154	9V	556mA	400mA
S4215056	S4215156	12V	417mA	600mA
S4215058	S4215158	15V	333mA	350mA
S4215060	S4215160	18V	278mA	300mA
S4215070	S4215170	20V	250mA	275mA
S4215062	S4215172	24V	208mA	250mA



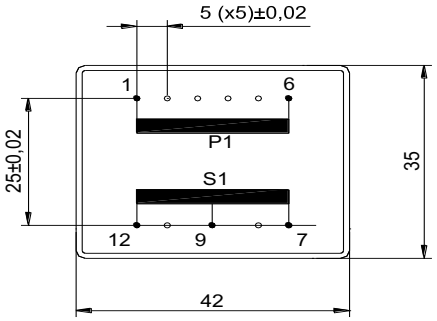
DUAL SECONDARY, 5,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4215065	S4215165	2x4,5V	2x556mA	2x600mA
S4215051	S4215151	2x6V	2x417mA	2x500mA
S4215053	S4215153	2x7,5V	2x333mA	2x375mA
S4215055	S4215155	2x9V	2x278mA	2x300mA
S4215057	S4215157	2x12V	2x208mA	2x250mA
S4215059	S4215159	2x15V	2x167mA	2x175mA
S4215061	S42151161	2x18V	2x139mA	2x150mA
S4215069	S4215169	2x20V	2x125mA	2x150mA
S4215063	S4215163	2x24V	2x104mA	2x125mA



CENTER TAPPED, 5,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3825085	S4215185	2x4,5V	2x556mA	2x600mA
S4215071	S4215171	2x6V	2x417mA	2x500mA
S4215073	S4215173	2x7,5V	2x333mA	2x375mA
S4215075	S4215175	2x9V	2x278mA	2x300mA
S4215077	S4215177	2x12V	2x208mA	2x250mA
S4215079	S4215179	2x15V	2x167mA	2x175mA
S4215081	S4215181	2x18V	2x139mA	2x150mA
S4215089	S4215189	2x20V	2x125mA	2x150mA
S4215083	S4215183	2x24V	2x104mA	2x125mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

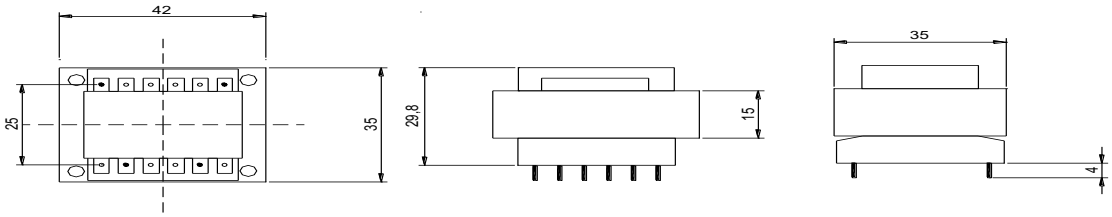
S4215 (EI 42)

7VA - Ta40ºB

Dim:35x42x29,8mm

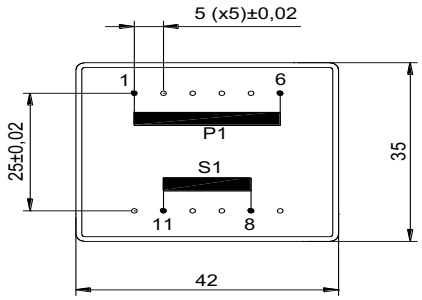
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



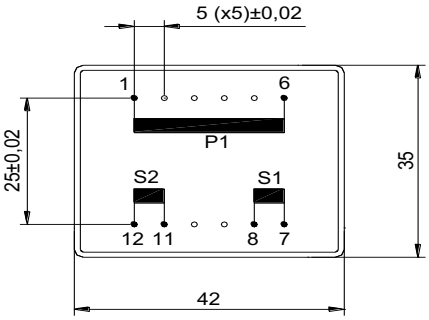
SINGLE SECONDARY, 7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4215014	S4215114	4,5V	1556mA	1600mA
S4215000	S4215100	6V	1167mA	1200mA
S4215002	S4215102	7,5V	933mA	1000mA
S4215004	S4215104	9V	778mA	800mA
S4215006	S4215106	12V	583mA	600mA
S4215008	S4215108	15V	467mA	500mA
S4215010	S4215110	18V	389mA	400mA
S4215020	S4215120	20V	350mA	375mA
S4215012	S4215112	24V	292mA	300mA



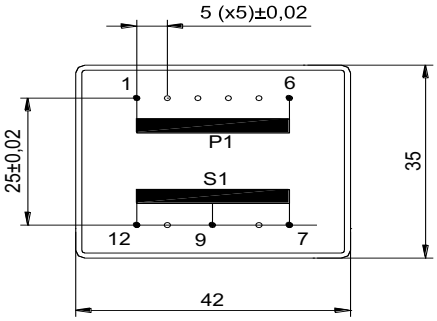
DUAL SECONDARY, 7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4215015	S4215115	2x4,5V	2x778mA	2x800mA
S4215001	S4215101	2x6V	2x583mA	2x600mA
S4215003	S4215103	2x7,5V	2x467mA	2x250mA
S4215005	S4215105	2x9V	2x389mA	2x400mA
S4215007	S4215107	2x12V	2x292mA	2x300mA
S4215009	S4215109	2x15V	2x233mA	2x250mA
S4215011	S4215111	2x18V	2x194mA	2x200mA
S4215019	S4215119	2x20V	2x175mA	2x100mA
S4215013	S4215113	2x24V	2x146mA	2x200mA



CENTER TAPPED, 7VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4215035	S4215135	2x4,5V	2x778mA	2x800mA
S4215021	S4215121	2x6V	2x583mA	2x600mA
S4215023	S4215123	2x7,5V	2x467mA	2x250mA
S4215025	S4215125	2x9V	2x389mA	2x400mA
S4215027	S4215127	2x12V	2x292mA	2x300mA
S4215029	S4215129	2x15V	2x233mA	2x250mA
S4215031	S4215131	2x18V	2x194mA	2x200mA
S4215039	S4215139	2x20V	2x175mA	2x100mA
S4215033	S4215133	2x24V	2x146mA	2x200mA

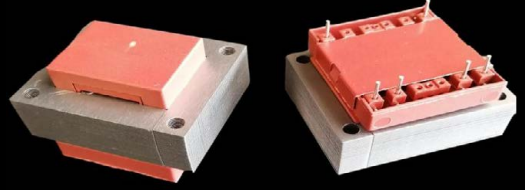


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S4817 (EI 48)

8,0VA - Ta70ºB

Dim:40x48x34,8mm



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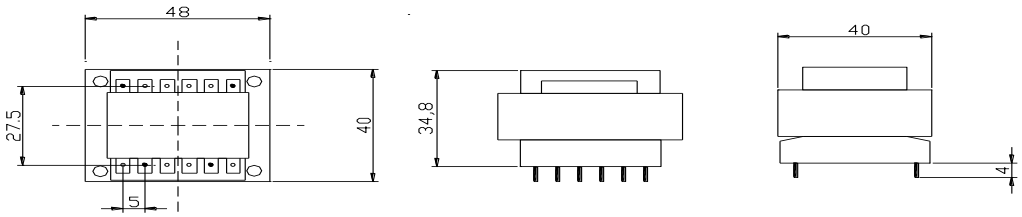
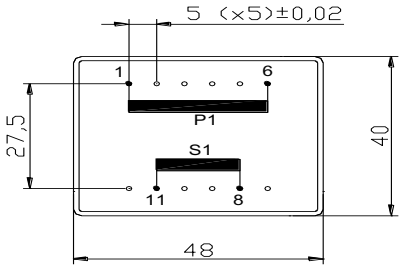
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



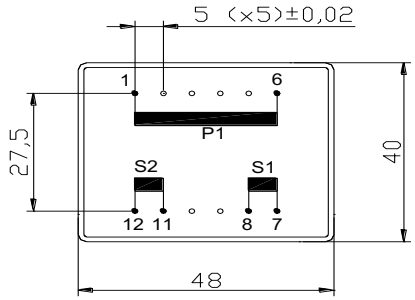
SINGLE SECONDARY, 8,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4810564	S4817164	4,5V	1778mA	1800mA
S4817050	S4817150	6V	1333mA	1450mA
S4817052	S4817152	7,5V	1067mA	1100mA
S4817054	S4817154	9V	889mA	900mA
S4817056	S4817156	12V	667mA	675mA
S4817058	S4817158	15V	533mA	550mA
S4817060	S4817160	18V	444mA	475mA
S4817070	S4817170	20V	400mA	450mA
S4817062	S4817172	24V	333mA	375mA



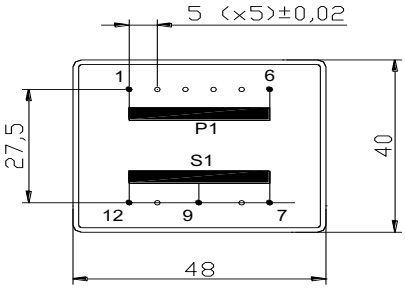
DUAL SECONDARY, 8,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4817065	S4817165	2x4,5V	2x889mA	2x900mA
S4817051	S4817151	2x6V	2x667mA	2x700mA
S4817053	S4817153	2x7,5V	2x533mA	2x575mA
S4817055	S4817155	2x9V	2x444mA	2x500mA
S4817057	S4817157	2x12V	2x333mA	2x350mA
S4817059	S4817159	2x15V	2x267mA	2x275mA
S4817061	S48171161	2x18V	2x222mA	2x250mA
S4817069	S4817169	2x20V	2x200mA	2x225mA
S4817063	S4817163	2x24V	2x167mA	2x175mA



CENTER TAPPED, 8,0VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4825085	S4817185	2x4,5V	2x889mA	2x900mA
S4817071	S4817171	2x6V	2x667mA	2x700mA
S4817073	S4817173	2x7,5V	2x533mA	2x575mA
S4817075	S4817175	2x9V	2x444mA	2x500mA
S4817077	S4817177	2x12V	23133mA	2x350mA
S4817079	S4817179	2x15V	2x267mA	2x275mA
S4817081	S4817181	2x18V	2x222mA	2x250mA
S4817089	S4817189	2x20V	2x200mA	2x225mA
S4817083	S4817183	2x24V	2x167mA	2x175mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S4817 (EI 48)

10VA - Ta40ºB

Dim:40x48x34,8mm

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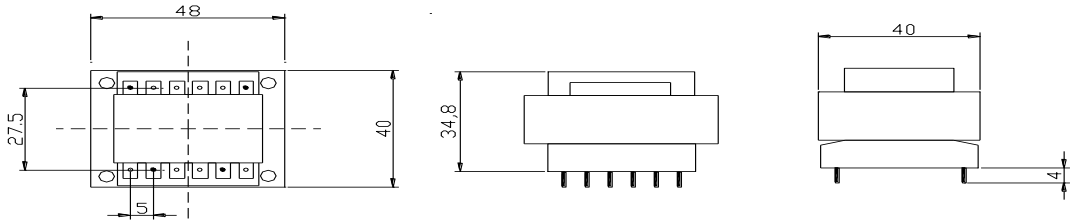
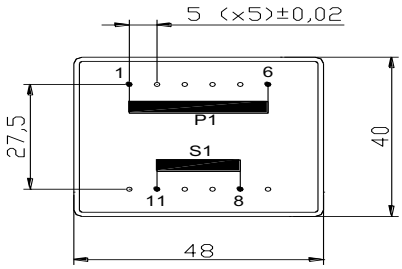
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



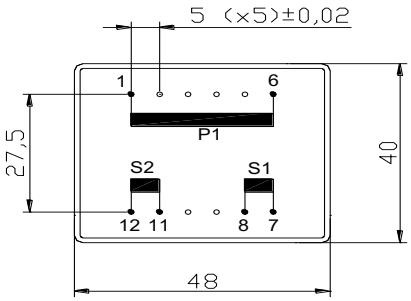
SINGLE SECONDARY, 10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4817014	S4817114	4,5V	2222mA	2300mA
S4817000	S4817100	6V	1667mA	1750mA
S4817002	S4817102	7,5V	1333mA	1500mA
S4817004	S4817104	9V	1111mA	1250mA
S4817006	S4817106	12V	833mA	900mA
S4817008	S4817108	15V	667mA	675mA
S4817010	S4817110	18V	556mA	600mA
S4817020	S4817120	20V	500mA	550mA
S4817012	S4817112	24V	417mA	500mA



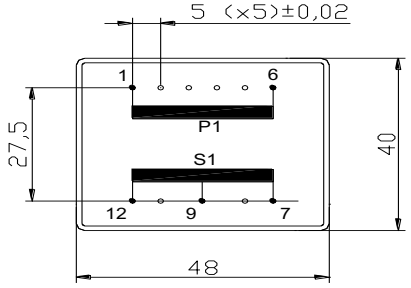
DUAL SECONDARY, 10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4817015	S4817115	2x4,5V	2x1111mA	2x1250mA
S4817001	S4817101	2x6V	2x833mA	2x900mA
S4817003	S4817103	2x7,5V	2x667mA	2x675mA
S4817005	S4817105	2x9V	2x556mA	2x600mA
S4817007	S4817107	2x12V	2x417mA	2x500mA
S4817009	S4817109	2x15V	2x333mA	2x375mA
S4817011	S4817111	2x18V	2x278mA	2x300mA
S4817019	S4817119	2x20V	2x250mA	2x275mA
S4817013	S4817113	2x24V	2x208mA	2x250mA



CENTER TAPPED, 10VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4817035	S4817135	2x4,5V	2x1111mA	2x1250mA
S4817021	S4817121	2x6V	2x833mA	2x900mA
S4817023	S4817123	2x7,5V	2x667mA	2x675mA
S4817025	S4817125	2x9V	2x556mA	2x600mA
S4817027	S4817127	2x12V	2x417mA	2x500mA
S4817029	S4817129	2x15V	2x333mA	2x375mA
S4817031	S4817131	2x18V	2x278mA	2x300mA
S4817039	S4817139	2x20V	2x250mA	2x275mA
S4817033	S4817133	2x24V	2x208mA	2x250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

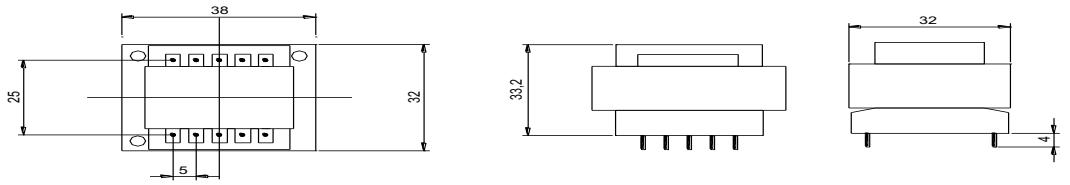
S4821 (EI 48)

10,0VA - Ta70ºB

Dim:40x48x38,5mm

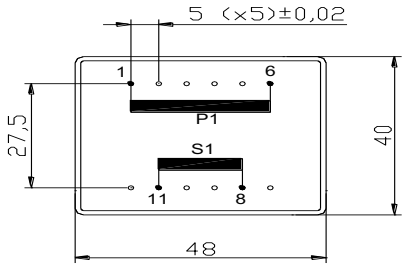
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



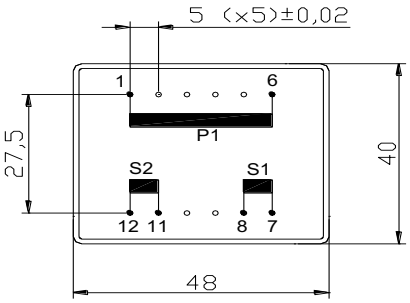
SINGLE SECONDARY, 10VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4821564	S4821164	4,5V	2222mA	2300mA
S4821050	S4821150	6V	1667mA	1700mA
S4821052	S4821152	7,5V	1333mA	1375mA
S4821054	S4821154	9V	1111mA	1200mA
S4821056	S4821156	12V	833mA	875mA
S4821058	S4821158	15V	667mA	675mA
S4821060	S4821160	18V	556mA	600mA
S4821070	S4821170	20V	500mA	550mA
S4821062	S4821172	24V	417mA	475mA



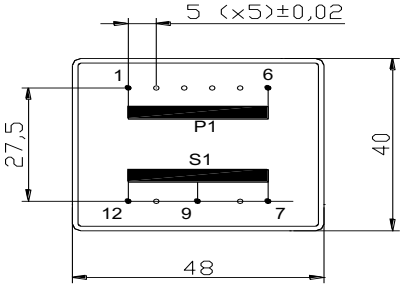
DUAL SECONDARY, 10VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4821065	S4821165	2x4,5V	2x1111mA	2x1200mA
S4821051	S4821151	2x6V	2x833mA	2x875mA
S4821053	S4821153	2x7,5V	2x667mA	2x700mA
S4821055	S4821155	2x9V	2x556mA	2x600mA
S4821057	S4821157	2x12V	2x417mA	2x450mA
S4821059	S4821159	2x15V	2x333mA	2x350mA
S4821061	S48211161	2x18V	2x278mA	2x300mA
S4821069	S4821169	2x20V	2x250mA	2x275mA
S4821063	S4821163	2x24V	2x208mA	2x250mA



CENTER TAPPED, 10VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S3825085	S4821185	2x4,5V	2x1111mA	2x1200mA
S4821071	S4821171	2x6V	2x833mA	2x875mA
S4821073	S4821173	2x7,5V	2x556mA	2x700mA
S4821075	S4821175	2x9V	2x417mA	2x600mA
S4821077	S4821177	2x12V	2x333mA	2x450mA
S4821079	S4821179	2x15V	2x107mA	2x350mA
S4821081	S4821181	2x18V	2x278mA	2x300mA
S4821089	S4821189	2x20V	2x250mA	2x275mA
S4821083	S4821183	2x24V	2x208mA	2x250mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

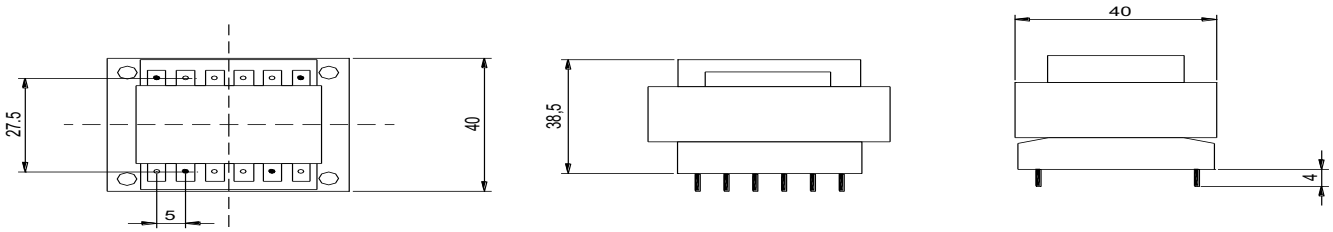
S4821 (EI 48)

12VA - Ta40ºB

Dim:40x48x38,5mm

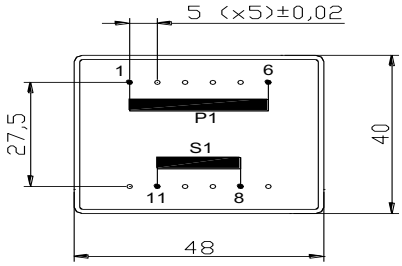
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



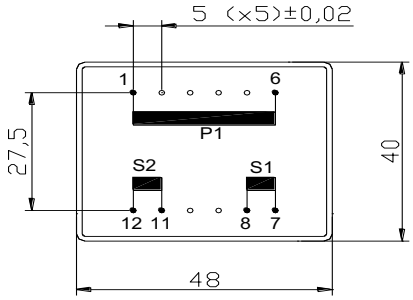
SINGLE SECONDARY, 12VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4821014	S4821114	4,5V	2667mA	2700mA
S4821000	S4821100	6V	2000mA	2250mA
S4821002	S4821102	7,5V	1600mA	1700mA
S4821004	S4821104	9V	1333mA	1400mA
S4821006	S4821106	12V	1000mA	1050mA
S4821008	S4821108	15V	800mA	875mA
S4821010	S4821110	18V	667mA	700mA
S4821020	S4821120	20V	600mA	650mA
S4821012	S4821112	24V	500mA	550mA



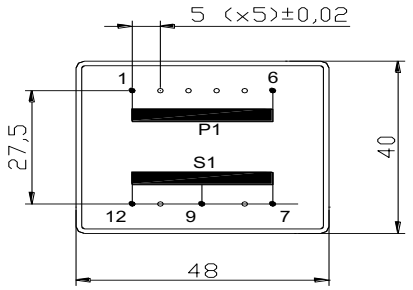
DUAL SECONDARY, 12VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4821015	S4821115	2x4,5V	2x1333mA	2x1400mA
S4821001	S4821101	2x6V	2x1000mA	2x1050mA
S4821003	S4821103	2x7,5V	2x800mA	2x850mA
S4821005	S4821105	2x9V	2x667mA	2x700mA
S4821007	S4821107	2x12V	2x500mA	2x550mA
S4821009	S4821109	2x15V	2x400mA	2x450mA
S4821011	S4821111	2x18V	2x333mA	2x350mA
S4821019	S4821119	2x20V	2x300mA	2x325mA
S4821013	S4821113	2x24V	2x250mA	2x275mA



CENTER TAPPED, 12VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4821035	S4821135	2x4,5V	2x1333mA	2x1400mA
S4821021	S4821121	2x6V	2x1000mA	2x1050mA
S4821023	S4821123	2x7,5V	2x800mA	2x850mA
S4821025	S4821125	2x9V	2x667mA	2x700mA
S4821027	S4821127	2x12V	2x500mA	2x550mA
S4821029	S4821129	2x15V	2x400mA	2x450mA
S4821031	S4821131	2x18V	2x333mA	2x350mA
S4821039	S4821139	2x20V	2x300mA	2x325mA
S4821033	S4821133	2x24V	2x250mA	2x275mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

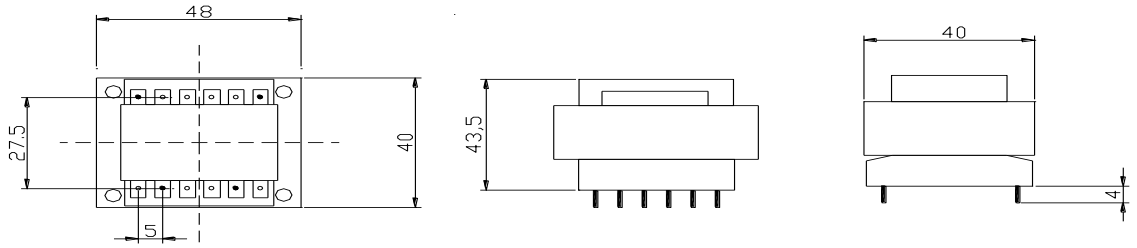
S4826 (EI 48)

12,0VA - Ta70ºB

Dim:40x48x43,5mm

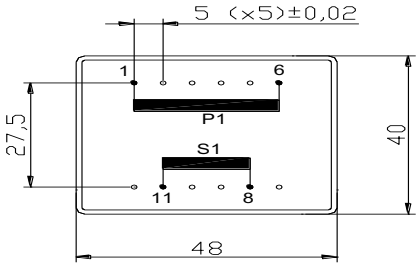
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



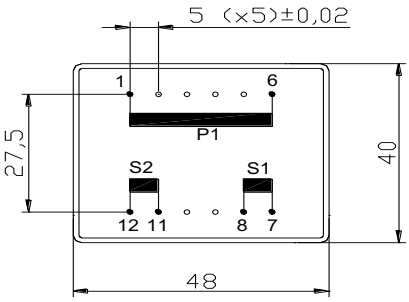
SINGLE SECONDARY, 12VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4826064	S4826164	4,5V	2667mA	2750mA
S4826050	S4826150	6V	2000mA	2100mA
S4826052	S4826152	7,5V	1600mA	1650mA
S4826054	S4826154	9V	1333mA	1400mA
S4826056	S4826156	12V	1000mA	1125mA
S4826058	S4826158	15V	800mA	850mA
S4826060	S4826160	18V	667mA	700mA
S4826070	S4826170	20V	600mA	650mA
S4826062	S4826172	24V	500mA	550mA



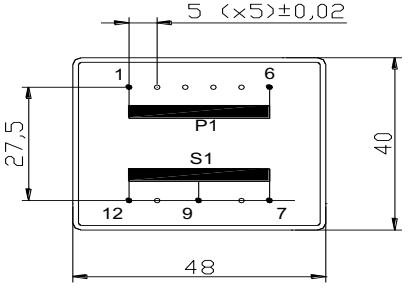
DUAL SECONDARY, 12VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4826065	S4826165	2x4,5V	2x1333mA	2x1400mA
S4826051	S4826151	2x6V	2x1000mA	2x315mA
S4826053	S4826153	2x7,5V	2x800mA	2x850mA
S4826055	S4826155	2x9V	2x667mA	2x700mA
S4826057	S4826157	2x12V	2x500mA	2x550mA
S4826059	S4826159	2x15V	2x400mA	2x425mA
S4826061	S48261161	2x18V	2x333mA	2x375mA
S4826069	S4826169	2x20V	2x300mA	2x300mA
S4826063	S4826163	2x24V	2x250mA	2x80mA



CENTER TAPPED, 12VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4825085	S4826185	2x4,5V	2x1333mA	2x1400mA
S4826071	S4826171	2x6V	2x1000mA	2x315mA
S4826073	S4826173	2x7,5V	2x800mA	2x850mA
S4826075	S4826175	2x9V	2x667mA	2x700mA
S4826077	S4826177	2x12V	2x500mA	2x550mA
S4826079	S4826179	2x15V	2x400mA	2x425mA
S4826081	S4826181	2x18V	2x333mA	2x375mA
S4826089	S4826189	2x20V	2x300mA	2x300mA
S4826083	S4826183	2x24V	2x250mA	2x80mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S4826 (EI 48)

14VA - Ta40ºB

Dim:40x48x43,5mm

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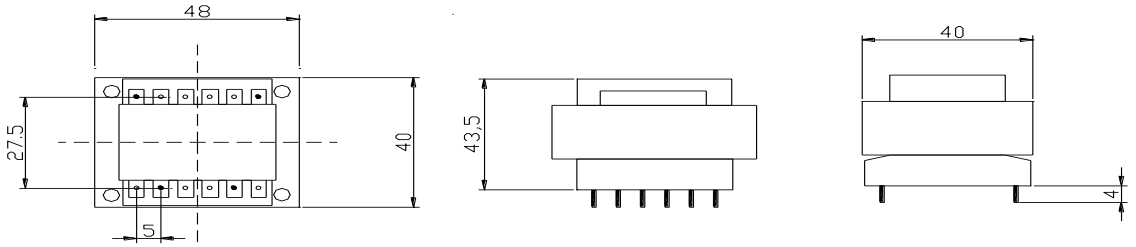
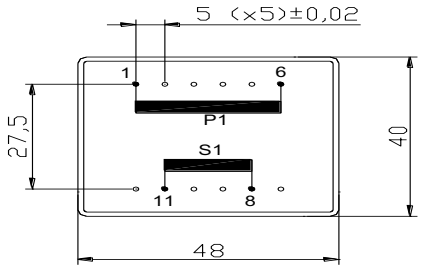
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



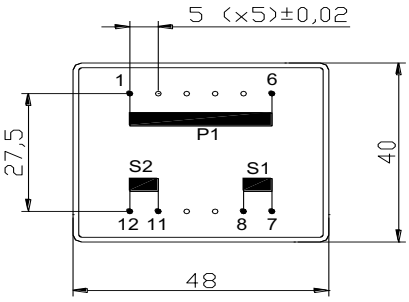
SINGLE SECONDARY, 14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4826014	S4826114	4,5V	3111mA	3150mA
S4826000	S4826100	6V	2333mA	2400mA
S4826002	S4826102	7,5V	1867mA	1900mA
S4826004	S4826104	9V	1556mA	1600mA
S4826006	S4826106	12V	1167mA	1200mA
S4826008	S4826108	15V	933mA	1000mA
S4826010	S4826110	18V	778mA	800mA
S4826020	S4826120	20V	700mA	750mA
S4826012	S4826112	24V	583mA	600mA



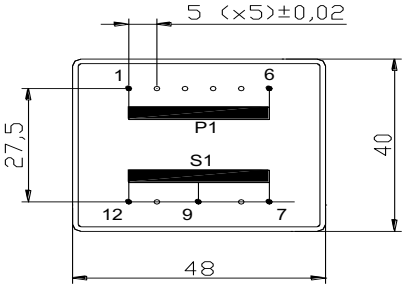
DUAL SECONDARY, 14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4826015	S4826115	2x4,5V	2x1556mA	2x1600mA
S4826001	S4826101	2x6V	2x1167mA	2x1200mA
S4826003	S4826103	2x7,5V	2x993mA	2x1000mA
S4826005	S4826105	2x9V	2x778mA	2x800mA
S4826007	S4826107	2x12V	2x583mA	2x600mA
S4826009	S4826109	2x15V	2x467mA	2x500mA
S4826011	S4826111	2x18V	2x389mA	2x400mA
S4826019	S4826119	2x20V	2x350mA	2x375mA
S4826013	S4826113	2x24V	2x292mA	2x300mA



CENTER TAPPED, 14VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S4826035	S4826135	2x4,5V	2x1556mA	2x1600mA
S4826021	S4826121	2x6V	2x1167mA	2x1200mA
S4826023	S4826123	2x7,5V	2x993mA	2x1000mA
S4826025	S4826125	2x9V	2x778mA	2x800mA
S4826027	S4826127	2x12V	2x583mA	2x600mA
S4826029	S4826129	2x15V	2x467mA	2x500mA
S4826031	S4826131	2x18V	2x389mA	2x400mA
S4826039	S4826139	2x20V	2x350mA	2x375mA
S4826033	S4826133	2x24V	2x292mA	2x300mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

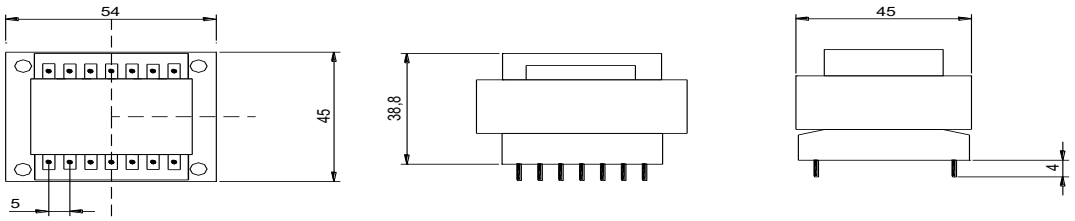
S5419 (EI 54)

13,0VA - Ta70ºB

Dim:45x54x38,8mm

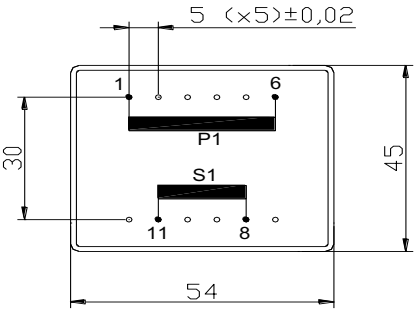
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



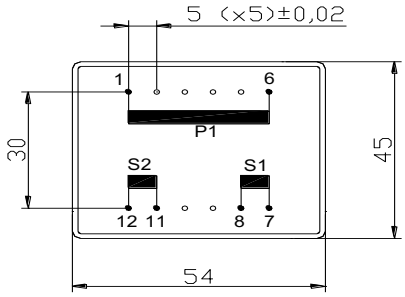
SINGLE SECONDARY, 13VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5419064	S5419164	4,5V	2889mA	2900mA
S5419050	S5419150	6V	2167mA	2200mA
S5419052	S5419152	7,5V	1733mA	1750mA
S5419054	S5419154	9V	1444mA	1500mA
S5419056	S5419156	12V	1083mA	1125mA
S5419058	S5419158	15V	867mA	900mA
S5419060	S5419160	18V	722mA	750mA
S5419070	S5419170	20V	650mA	700mA
S5419062	S5419172	24V	542mA	600mA



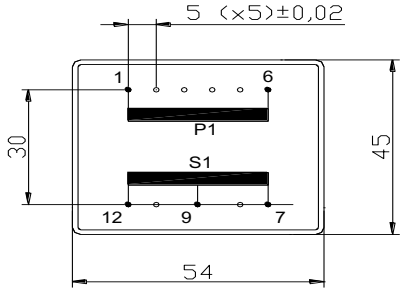
DUAL SECONDARY, 13VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5419065	S5419165	2x4,5V	2x1444mA	2x1500mA
S5419051	S5419151	2x6V	2x1083mA	2x1100mA
S5419053	S5419153	2x7,5V	2x867mA	2x900mA
S5419055	S5419155	2x9V	2x722mA	2x750mA
S5419057	S5419157	2x12V	2x542mA	2x550mA
S5419059	S5419159	2x15V	2x433mA	2x450mA
S5419061	S54191161	2x18V	2x361mA	2x375mA
S5419069	S5419169	2x20V	2x325mA	2x350mA
S5419063	S5419163	2x24V	2x271mA	2x300mA



CENTER TAPPED, 13VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5425085	S5419185	2x4,5V	2x1444mA	2x1500mA
S5419071	S5419171	2x6V	2x1083mA	2x1100mA
S5419073	S5419173	2x7,5V	2x867mA	2x900mA
S5419075	S5419175	2x9V	2x722mA	2x750mA
S5419077	S5419177	2x12V	2x542mA	2x550mA
S5419079	S5419179	2x15V	2x433mA	2x450mA
S5419081	S5419181	2x18V	2x361mA	2x375mA
S5419089	S5419189	2x20V	2x325mA	2x350mA
S5419083	S5419183	2x24V	2x271mA	2x300mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S5419 (EI 54)

16VA - Ta40ºB

Dim:45x54x38,8mm

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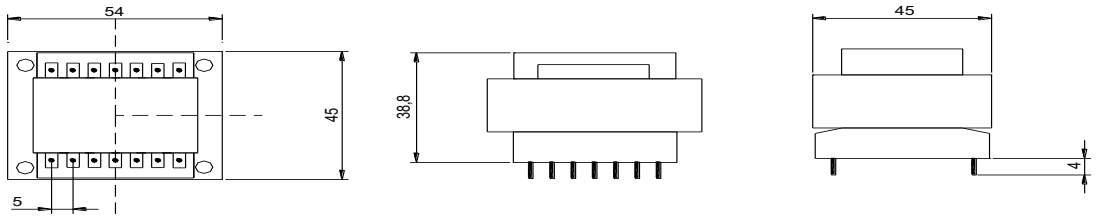
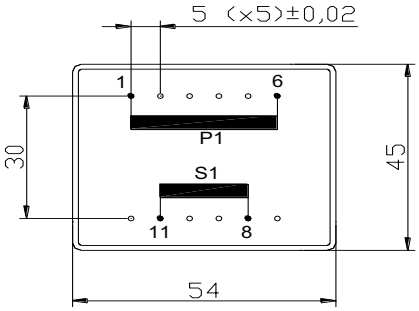
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



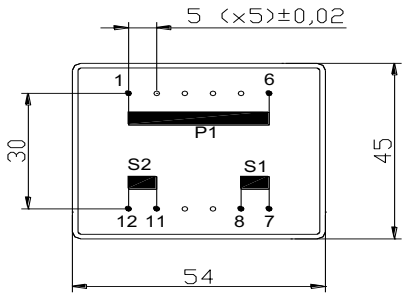
SINGLE SECONDARY, 16VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5419014	S5419114	4,5V	3556mA	3600mA
S5419000	S5419100	6V	2667mA	2700mA
S5419002	S5419102	7,5V	2133mA	2250mA
S5419004	S5419104	9V	1778mA	1800mA
S5419006	S5419106	12V	1333mA	1400mA
S5419008	S5419108	15V	1067mA	1150mA
S5419010	S5419110	18V	889mA	950mA
S5419020	S5419120	20V	800mA	850mA
S5419012	S5419112	24V	667mA	700mA



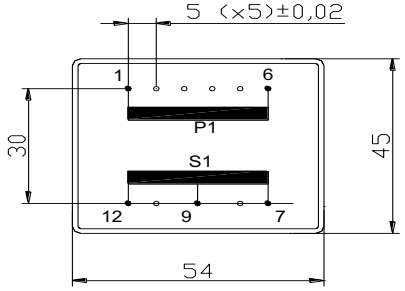
DUAL SECONDARY, 16VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5419015	S5419115	2x4,5V	2x1778mA	2x1800mA
S5419001	S5419101	2x6V	2x1333mA	2x1375mA
S5419003	S5419103	2x7,5V	2x1067mA	2x1100mA
S5419005	S5419105	2x9V	2x889mA	2x200mA
S5419007	S5419107	2x12V	2x667mA	2x700mA
S5419009	S5419109	2x15V	2x533mA	2x575mA
S5419011	S5419111	2x18V	2x444mA	2x500mA
S5419019	S5419119	2x20V	2x400mA	2x450mA
S5419013	S5419113	2x24V	2x333mA	2x375mA



CENTER TAPPED, 16VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5419035	S5419135	2x4,5V	2x1778mA	2x1800mA
S5419021	S5419121	2x6V	2x1333mA	2x1375mA
S5419023	S5419123	2x7,5V	2x1067mA	2x1100mA
S5419025	S5419125	2x9V	2x889mA	2x200mA
S5419027	S5419127	2x12V	2x667mA	2x700mA
S5419029	S5419129	2x15V	2x533mA	2x575mA
S5419031	S5419131	2x18V	2x444mA	2x500mA
S5419039	S5419139	2x20V	2x400mA	2x450mA
S5419033	S5419133	2x24V	2x333mA	2x375mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S5423 (EI 54)

20VA - Ta70ºB

Dim:45x54x43,8mm

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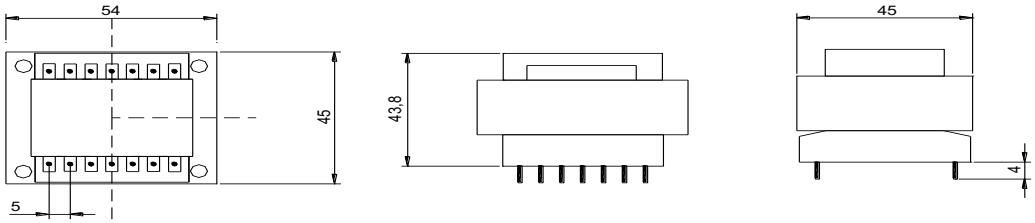
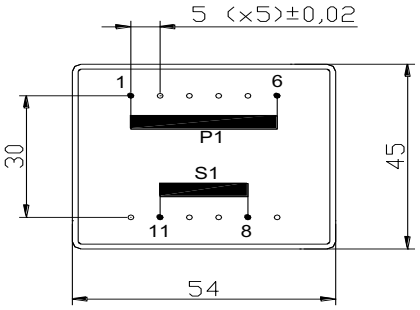
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



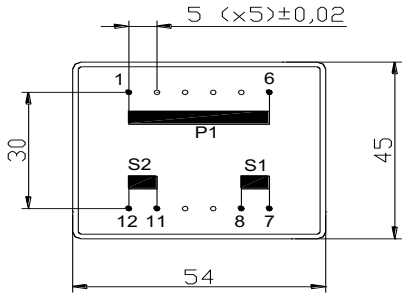
SINGLE SECONDARY, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5423064	S5423164	4,5V	4444mA	4500mA
S5423050	S5423150	6V	3333mA	3400mA
S5423052	S5423152	7,5V	2667mA	2700mA
S5423054	S5423154	9V	2222mA	2300mA
S5423056	S5423156	12V	1667mA	1700mA
S5423058	S5423158	15V	1333mA	1400mA
S5423060	S5423160	18V	1111mA	1250mA
S5423070	S5423170	20V	1000mA	1050mA
S5423062	S5423172	24V	833mA	900mA



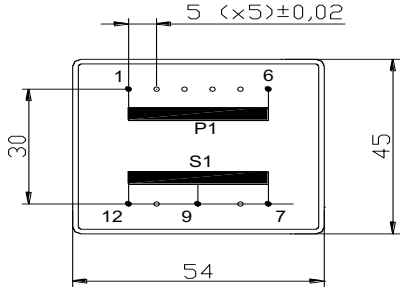
DUAL SECONDARY, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5423065	S5423165	2x4,5V	2x2222mA	2x2300mA
S5423051	S5423151	2x6V	2x1667mA	2x1750mA
S5423053	S5423153	2x7,5V	2x1333mA	2x1400mA
S5423055	S5423155	2x9V	2x1111mA	2x1200mA
S5423057	S5423157	2x12V	2x833mA	2x900mA
S5423059	S5423159	2x15V	2x667mA	2x700mA
S5423061	S54231161	2x18V	2x556mA	2x600mA
S5423069	S5423169	2x20V	2x500mA	2x560mA
S5423063	S5423163	2x24V	2x417mA	2x500mA



CENTER TAPPED, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5425085	S5423185	2x4,5V	2x2222mA	2x2300mA
S5423071	S5423171	2x6V	2x1667mA	2x1750mA
S5423073	S5423173	2x7,5V	2x1333mA	2x1400mA
S5423075	S5423175	2x9V	2x1111mA	2x1200mA
S5423077	S5423177	2x12V	2x833mA	2x900mA
S5423079	S5423179	2x15V	2x667mA	2x700mA
S5423081	S5423181	2x18V	2x556mA	2x600mA
S5423089	S5423189	2x20V	2x500mA	2x560mA
S5423083	S5423183	2x24V	2x417mA	2x500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S5423 (EI 54)

25VA - Ta40ºB

Dim:45x54x43,8mm

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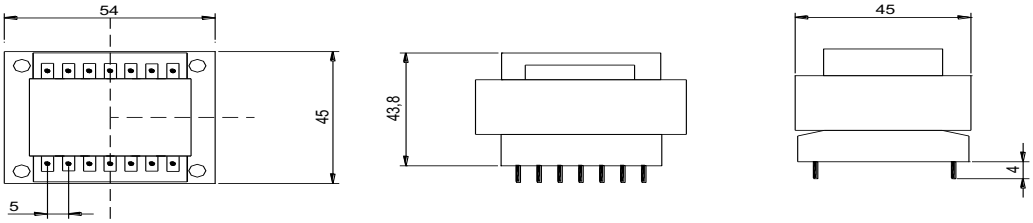
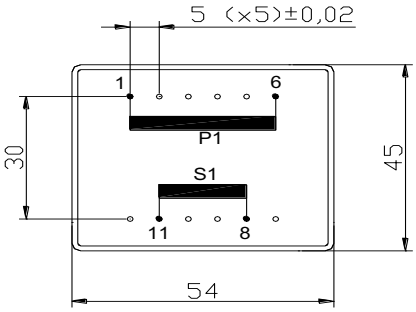
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



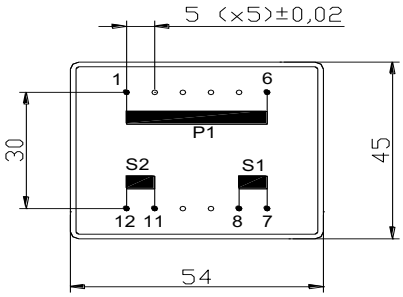
SINGLE SECONDARY,25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5423014	S5423114	4,5V	5556mA	5600mA
S5423000	S5423100	6V	4167mA	4250mA
S5423002	S5423102	7,5V	3333mA	3500mA
S5423004	S5423104	9V	2778mA	3000mA
S5423006	S5423106	12V	2083mA	2150mA
S5423008	S5423108	15V	1667mA	1700mA
S5423010	S5423110	18V	1389mA	1500mA
S5423020	S5423120	20V	1250mA	1300mA
S5423012	S5423112	24V	1042mA	1100mA



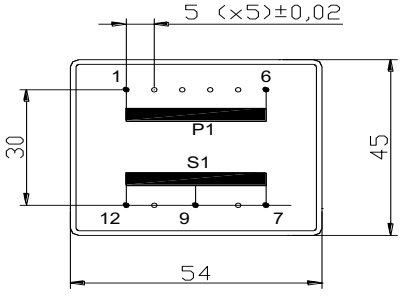
DUAL SECONDARY, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5423015	S5423115	2x4,5V	2x2778mA	2x3000mA
S5423001	S5423101	2x6V	2x2083mA	2x2125mA
S5423003	S5423103	2x7,5V	2x1667mA	2x1700mA
S5423005	S5423105	2x9V	2x1389mA	2x1400mA
S5423007	S5423107	2x12V	2x1042mA	2x1125mA
S5423009	S5423109	2x15V	2x833mA	2x900mA
S5423011	S5423111	2x18V	2x694mA	2x725mA
S5423019	S5423119	2x20V	2x625mA	2x675mA
S5423013	S5423113	2x24V	2x521mA	2x550mA



CENTER TAPPED, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S5423035	S5423135	2x4,5V	2x2778mA	2x3000mA
S5423021	S5423121	2x6V	2x2083mA	2x2125mA
S5423023	S5423123	2x7,5V	2x1667mA	2x1700mA
S5423025	S5423125	2x9V	2x1389mA	2x1400mA
S5423027	S5423127	2x12V	2x1042mA	2x1125mA
S5423029	S5423129	2x15V	2x833mA	2x900mA
S5423031	S5423131	2x18V	2x694mA	2x725mA
S5423039	S5423139	2x20V	2x625mA	2x675mA
S5423033	S5423133	2x24V	2x521mA	2x550mA

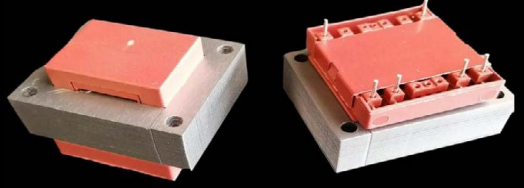


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S6021 (EI 60)

20,0VA - Ta70ºB

Dim:50x60x42,1mm



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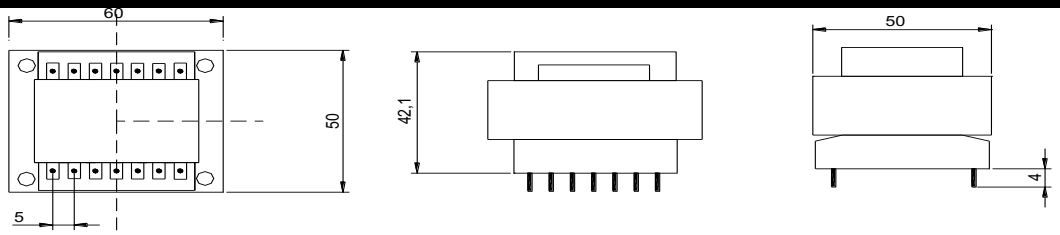
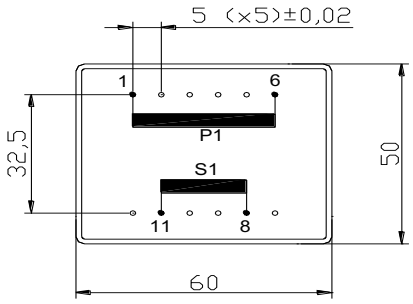
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



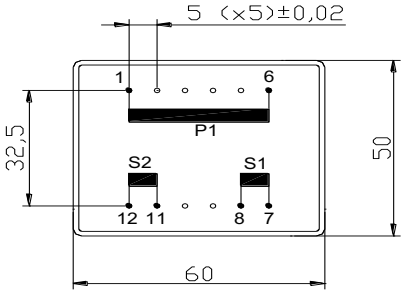
SINGLE SECONDARY, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6021064	S6021164	4,5V	4444mA	4500mA
S6021050	S6021150	6V	3333mA	3400mA
S6021052	S6021152	7,5V	2667mA	2700mA
S6021054	S6021154	9V	2222mA	2300mA
S6021056	S6021156	12V	1667mA	1700mA
S6021058	S6021158	15V	1333mA	1400mA
S6021060	S6021160	18V	1111mA	1200mA
S6021070	S6021170	20V	1000mA	1100mA
S6021062	S6021172	24V	833mA	900mA



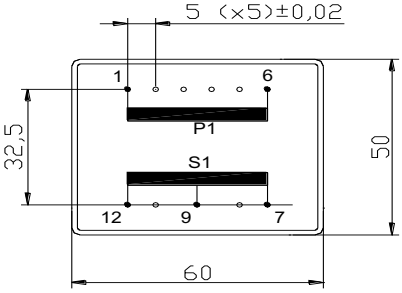
DUAL SECONDARY, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6021065	S6021165	2x4,5V	2x2222mA	2x2300mA
S6021051	S6021151	2x6V	2x1667mA	2x1700mA
S6021053	S6021153	2x7,5V	2x1333mA	2x1400mA
S6021055	S6021155	2x9V	2x1111mA	2x1200mA
S6021057	S6021157	2x12V	2x833mA	2x900mA
S6021059	S6021159	2x15V	2x667mA	2x700mA
S6021061	S60211161	2x18V	2x556mA	2x600mA
S6021069	S6021169	2x20V	2x500mA	2x550mA
S6021063	S6021163	2x24V	2x417mA	2x500mA



CENTER TAPPED, 20VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6025085	S6021185	2x4,5V	2x2222mA	2x2300mA
S6021071	S6021171	2x6V	2x1667mA	2x1700mA
S6021073	S6021173	2x7,5V	2x1333mA	2x1400mA
S6021075	S6021175	2x9V	2x1111mA	2x1200mA
S6021077	S6021177	2x12V	2x833mA	2x900mA
S6021079	S6021179	2x15V	2x667mA	2x700mA
S6021081	S6021181	2x18V	2x556mA	2x600mA
S6021089	S6021189	2x20V	2x500mA	2x550mA
S6021083	S6021183	2x24V	2x417mA	2x500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

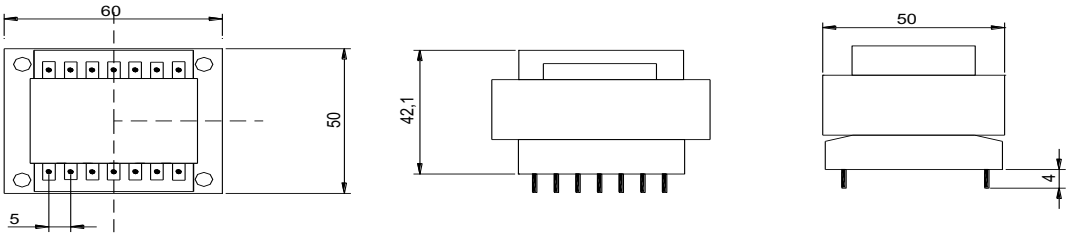
S6021 (EI 60)

25VA - Ta40ºB

Dim:50x60x42,1mm

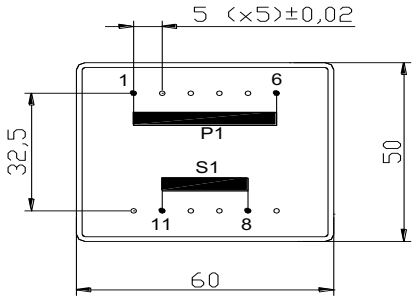
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



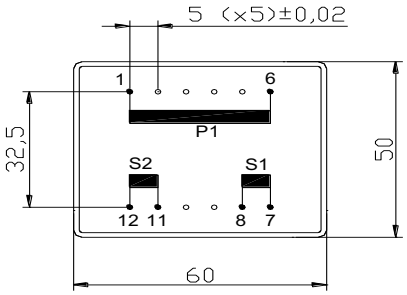
SINGLE SECONDARY, 25VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6021014	S6021114	4,5V	5556mA	5600mA
S6021000	S6021100	6V	4167mA	4250mA
S6021002	S6021102	7,5V	3333mA	3450mA
S6021004	S6021104	9V	2778mA	2800mA
S6021006	S6021106	12V	2083mA	2100mA
S6021008	S6021108	15V	1667mA	1700mA
S6021010	S6021110	18V	1389mA	1400mA
S6021020	S6021120	20V	1250mA	1300mA
S6021012	S6021112	24V	1042mA	1100mA



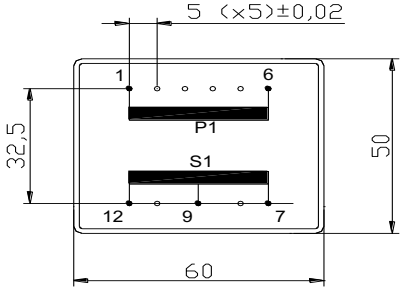
DUAL SECONDARY, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6021015	S6021115	2x4,5V	2x2778mA	2x2800mA
S6021001	S6021101	2x6V	2x2083mA	2x2100mA
S6021003	S6021103	2x7,5V	2x1667mA	2x1700mA
S6021005	S6021105	2x9V	2x1389mA	2x1400mA
S6021007	S6021107	2x12V	2x1042mA	2x1100mA
S6021009	S6021109	2x15V	2x833mA	2x900mA
S6021011	S6021111	2x18V	2x694mA	2x750mA
S6021019	S6021119	2x20V	2x625mA	2x700mA
S6021013	S6021113	2x24V	2x521mA	2x600mA



CENTER TAPPED, 25VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6021035	S6021135	2x4,5V	2x2778mA	2x2800mA
S6021021	S6021121	2x6V	2x2083mA	2x2100mA
S6021023	S6021123	2x7,5V	2x1667mA	2x1700mA
S6021025	S6021125	2x9V	2x1389mA	2x1400mA
S6021027	S6021127	2x12V	2x1042mA	2x1100mA
S6021029	S6021129	2x15V	2x833mA	2x900mA
S6021031	S6021131	2x18V	2x694mA	2x750mA
S6021039	S6021139	2x20V	2x625mA	2x700mA
S6021033	S6021133	2x24V	2x521mA	2x600mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S6031 (EI 60)

30,0VA - Ta70ºB

Dim:50x60x51,5mm

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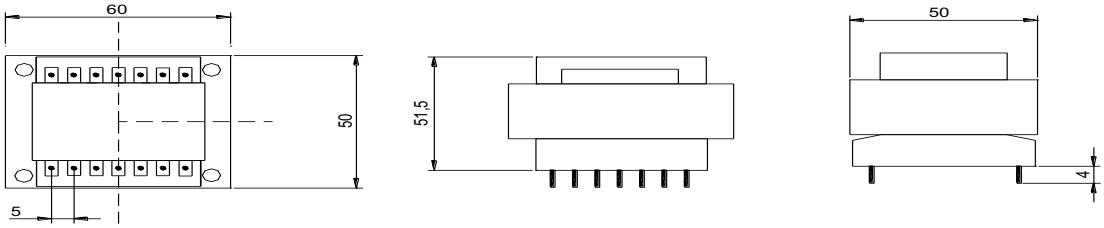
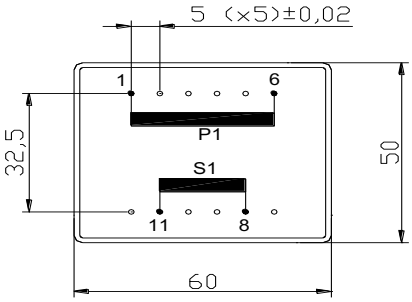
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



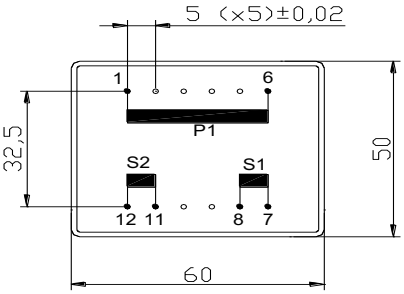
SINGLE SECONDARY, 30VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6031064	S6031164	4,5V	6667mA	6700mA
S6031050	S6031150	6V	5000mA	5100mA
S6031052	S6031152	7,5V	4000mA	4100mA
S6031054	S6031154	9V	3333mA	3500mA
S6031056	S6031156	12V	2500mA	2750mA
S6031058	S6031158	15V	2000mA	2250mA
S6031060	S6031160	18V	1667mA	1750mA
S6031070	S6031170	20V	1500mA	1600mA
S6031062	S6031172	24V	1250mA	1300mA



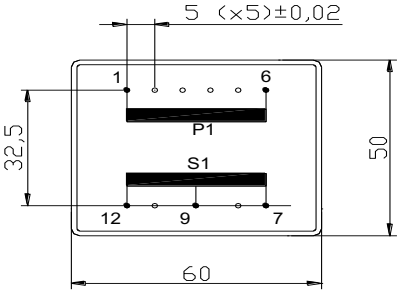
DUAL SECONDARY, 30VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6031065	S6031165	2x4,5V	2x3333mA	2x3500mA
S6031051	S6031151	2x6V	2x2500mA	2x2750mA
S6031053	S6031153	2x7,5V	2x2000mA	2x2150mA
S6031055	S6031155	2x9V	2x1667mA	2x1750mA
S6031057	S6031157	2x12V	2x1250mA	2x1300mA
S6031059	S6031159	2x15V	2x1000mA	2x1125mA
S6031061	S60311161	2x18V	2x833mA	2x1000mA
S6031069	S6031169	2x20V	2x750mA	2x800mA
S6031063	S6031163	2x24V	2x625mA	2x700mA



CENTER TAPPED, 30VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6025085	S6031185	2x4,5V	2x3333mA	2x3500mA
S6031071	S6031171	2x6V	2x2500mA	2x2750mA
S6031073	S6031173	2x7,5V	2x2000mA	2x2150mA
S6031075	S6031175	2x9V	2x1667mA	2x1750mA
S6031077	S6031177	2x12V	2x1250mA	2x1300mA
S6031079	S6031179	2x15V	2x1000mA	2x1125mA
S6031081	S6031181	2x18V	2x833mA	2x1000mA
S6031089	S6031189	2x20V	2x750mA	2x800mA
S6031083	S6031183	2x24V	2x625mA	2x700mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S6031 (EI 60)

35VA - Ta40ºB

Dim:50x60x51,5mm

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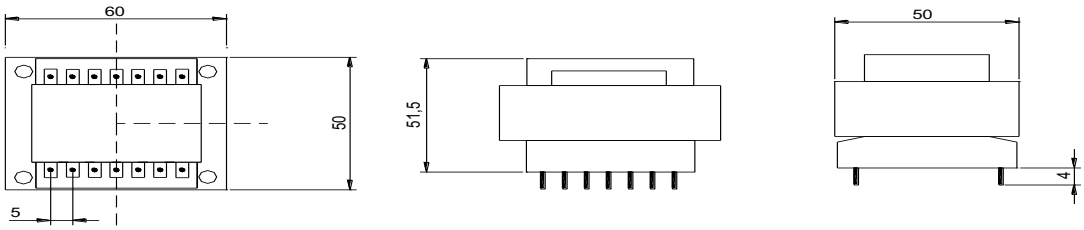
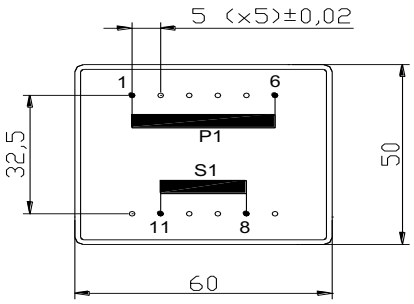
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



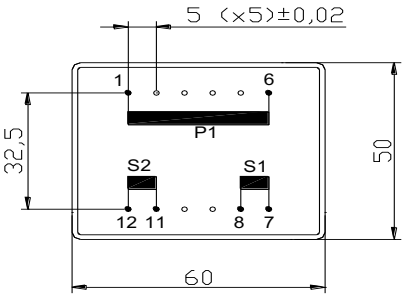
SINGLE SECONDARY,35VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6031014	S6031114	4,5V	7778mA	8000mA
S6031000	S6031100	6V	5833mA	6000mA
S6031002	S6031102	7,5V	4667mA	5000mA
S6031004	S6031104	9V	3889mA	4000mA
S6031006	S6031106	12V	2917mA	3150mA
S6031008	S6031108	15V	2333mA	2500mA
S6031010	S6031110	18V	1944mA	2000mA
S6031020	S6031120	20V	1750mA	2000mA
S6031012	S6031112	24V	1458mA	1600mA



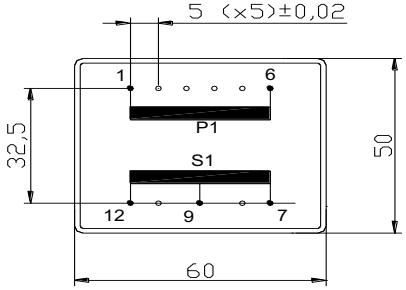
DUAL SECONDARY, 35VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6031015	S6031115	2x4,5V	2x3889mA	2x4000mA
S6031001	S6031101	2x6V	2x2917mA	2x3150mA
S6031003	S6031103	2x7,5V	2x2333mA	2x2500mA
S6031005	S6031105	2x9V	2x1944mA	2x2000mA
S6031007	S6031107	2x12V	2x1458mA	2x1600mA
S6031009	S6031109	2x15V	2x1167mA	2x1250mA
S6031011	S6031111	2x18V	2x972mA	2x1000mA
S6031019	S6031119	2x20V	2x875mA	2x1000mA
S6031013	S6031113	2x24V	2x729mA	2x800mA



CENTER TAPPED, 35VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6031035	S6031135	2x4,5V	2x3889mA	2x4000mA
S6031021	S6031121	2x6V	2x2917mA	2x3150mA
S6031023	S6031123	2x7,5V	2x2333mA	2x2500mA
S6031025	S6031125	2x9V	2x1944mA	2x2000mA
S6031027	S6031127	2x12V	2x1458mA	2x1600mA
S6031029	S6031129	2x15V	2x1167mA	2x1250mA
S6031031	S6031131	2x18V	2x972mA	2x1000mA
S6031039	S6031139	2x20V	2x875mA	2x1000mA
S6031033	S6031133	2x24V	2x729mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S6623 (EI 66)

35,0VA - Ta70ºB

Dim:55x66x47,3mm

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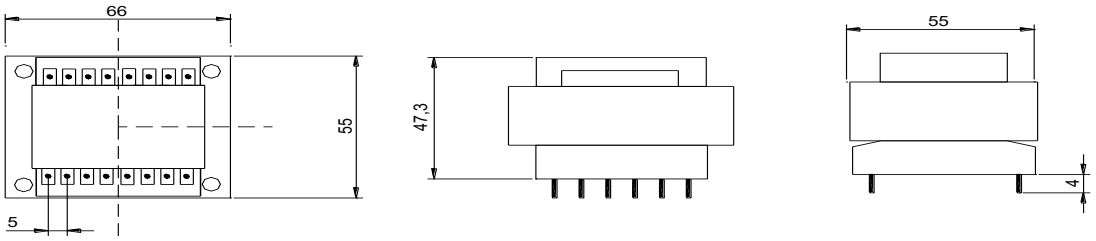
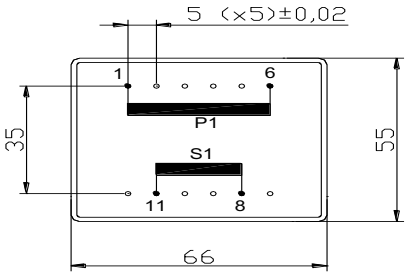
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



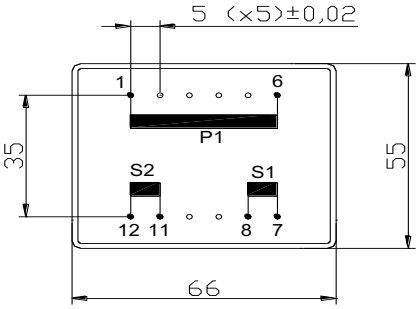
SINGLE SECONDARY, 35VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6623064	S6623164	4,5V	7778mA	8000mA
S6623050	S6623150	6V	5833mA	6300mA
S6623052	S6623152	7,5V	4667mA	5000mA
S6623054	S6623154	9V	3889mA	4000mA
S6623056	S6623156	12V	2917mA	3150mA
S6623058	S6623158	15V	2333mA	2500mA
S6623060	S6623160	18V	1944mA	200mA
S6623070	S6623170	20V	1750mA	2000mA
S6623062	S6623172	24V	1458mA	1600mA



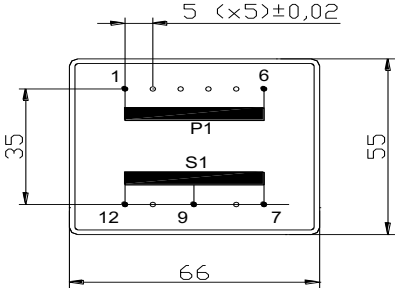
DUAL SECONDARY, 35VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6623065	S6623165	2x4,5V	2x3889mA	2x4000mA
S6623051	S6623151	2x6V	2x2917mA	2x3150mA
S6623053	S6623153	2x7,5V	2x2333mA	2x2500mA
S6623055	S6623155	2x9V	2x1944mA	2x2000mA
S6623057	S6623157	2x12V	2x1458mA	2x1600mA
S6623059	S6623159	2x15V	2x1167mA	2x1250mA
S6623061	S66231161	2x18V	2x972mA	2x1000mA
S6623069	S6623169	2x20V	2x875mA	2x1000mA
S6623063	S6623163	2x24V	2x729mA	2x800mA



CENTER TAPPED, 35VA. Ta70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6625085	S6623185	2x4,5V	2x3889mA	2x4000mA
S6623071	S6623171	2x6V	2x2917mA	2x3150mA
S6623073	S6623173	2x7,5V	2x2333mA	2x2500mA
S6623075	S6623175	2x9V	2x1944mA	2x2000mA
S6623077	S6623177	2x12V	2x1458mA	2x1600mA
S6623079	S6623179	2x15V	2x1167mA	2x1250mA
S6623081	S6623181	2x18V	2x972mA	2x1000mA
S6623089	S6623189	2x20V	2x875mA	2x1000mA
S6623083	S6623183	2x24V	2x729mA	2x800mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

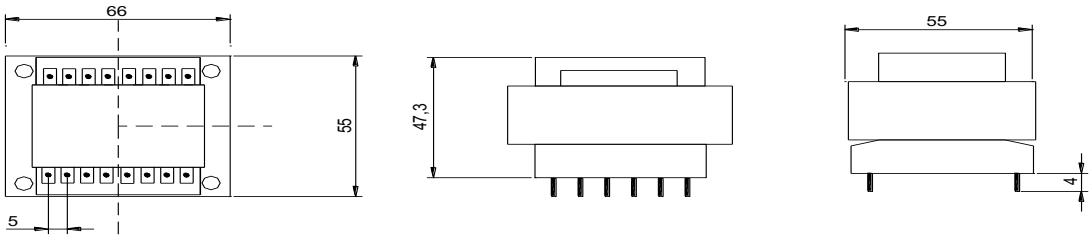
S6623 (EI 66)

40VA - Ta40ºB

Dim:55x66x47,3mm

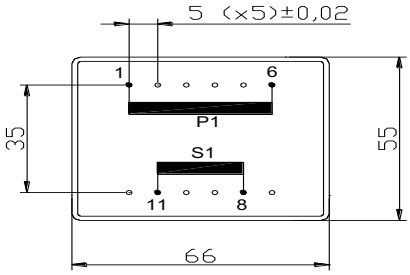
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



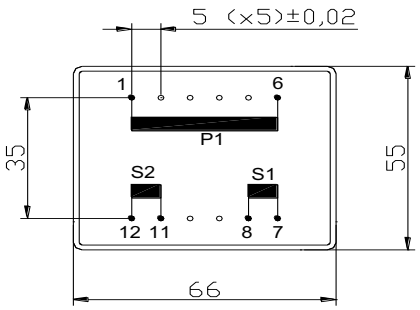
SINGLE SECONDARY, 40VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6623014	S6623114	4,5V	8889mA	9000mA
S6623000	S6623100	6V	6667mA	6750mA
S6623002	S6623102	7,5V	5333mA	5500mA
S6623004	S6623104	9V	4444mA	5000mA
S6623006	S6623106	12V	3333mA	3500mA
S6623008	S6623108	15V	2667mA	3000mA
S6623010	S6623110	18V	2222mA	2300mA
S6623020	S6623120	20V	2000mA	2100mA
S6623012	S6623112	24V	1667mA	1700mA



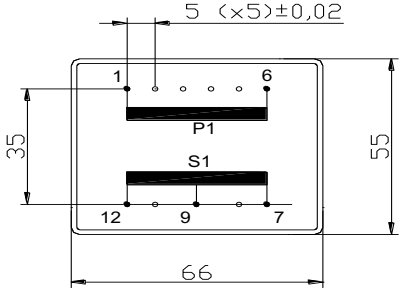
DUAL SECONDARY, 40VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6623015	S6623115	2x4,5V	2x4444mA	2x4500mA
S6623001	S6623101	2x6V	2x3333mA	2x3500mA
S6623003	S6623103	2x7,5V	2x2667mA	2x2700mA
S6623005	S6623105	2x9V	2x2222mA	2x2300mA
S6623007	S6623107	2x12V	2x1667mA	2x1700mA
S6623009	S6623109	2x15V	2x1333mA	2x1400mA
S6623011	S6623111	2x18V	2x1111mA	2x1200mA
S6623019	S6623119	2x20V	2x1000mA	2x1100mA
S6623013	S6623113	2x24V	2x833mA	2x900mA



CENTER TAPPED, 40VA. Ta=40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6623035	S6623135	2x4,5V	2x4444mA	2x4500mA
S6623021	S6623121	2x6V	2x3333mA	2x3500mA
S6623023	S6623123	2x7,5V	2x2667mA	2x2700mA
S6623025	S6623125	2x9V	2x2222mA	2x2300mA
S6623027	S6623127	2x12V	2x1667mA	2x1700mA
S6623029	S6623129	2x15V	2x1333mA	2x1400mA
S6623031	S6623131	2x18V	2x1111mA	2x1200mA
S6623039	S6623139	2x20V	2x1000mA	2x1100mA
S6623033	S6623133	2x24V	2x833mA	2x900mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S6631 (EI 66)

60,0VA - Ta70ºB

Dim:55x66x54,3mm

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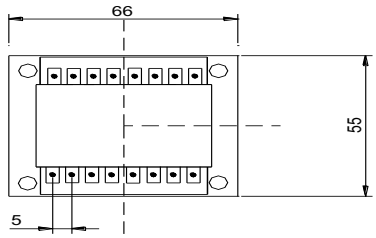
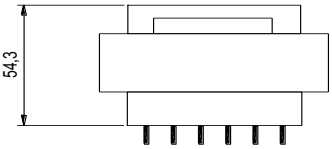
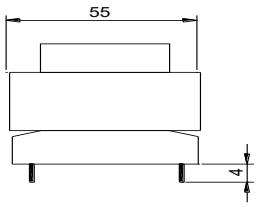
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

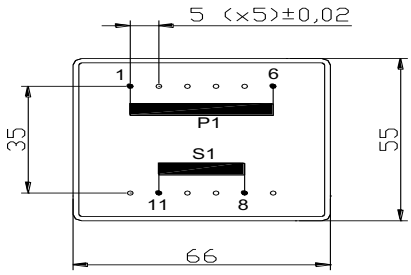






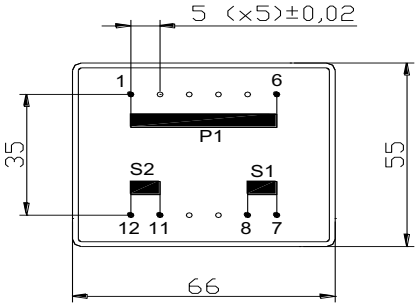
SINGLE SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6631064	S6631164	4,5V	13333mA	14000mA
S6631050	S6631150	6V	10000mA	11000mA
S6631052	S6631152	7,5V	8000mA	8500mA
S6631054	S6631154	9V	6667mA	7000mA
S6631056	S6631156	12V	5000mA	6000mA
S6631058	S6631158	15V	4000mA	5000mA
S6631060	S6631160	18V	3333mA	3750mA
S6631070	S6631170	20V	3000mA	3125mA
S6631062	S6631172	24V	2500mA	2750mA



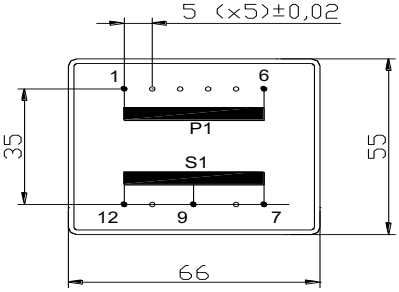
DUAL SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6631065	S6631165	2x4,5V	2x6667mA	2x7000mA
S6631051	S6631151	2x6V	2x5000mA	2x6000mA
S6631053	S6631153	2x7,5V	2x4000mA	2x5000mA
S6631055	S6631155	2x9V	2x3333mA	2x4000mA
S6631057	S6631157	2x12V	2x2500mA	2x3000mA
S6631059	S6631159	2x15V	2x2000mA	2x2500mA
S6631061	S66311161	2x18V	2x1667mA	2x2000mA
S6631069	S6631169	2x20V	2x1500mA	2x1700mA
S6631063	S6631163	2x24V	2x1250mA	2x1500mA



CENTER TAPPED, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6625085	S6631185	2x4,5V	2x6667mA	2x7000mA
S6631071	S6631171	2x6V	2x5000mA	2x6000mA
S6631073	S6631173	2x7,5V	2x4000mA	2x5000mA
S6631075	S6631175	2x9V	2x3333mA	2x4000mA
S6631077	S6631177	2x12V	2x2500mA	2x3000mA
S6631079	S6631179	2x15V	2x2000mA	2x2500mA
S6631081	S6631181	2x18V	2x1667mA	2x2000mA
S6631089	S6631189	2x20V	2x1500mA	2x1700mA
S6631083	S6631183	2x24V	2x1250mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S6631 (EI 66)

70VA - Ta40ºB

Dim:55x66x54,3mm

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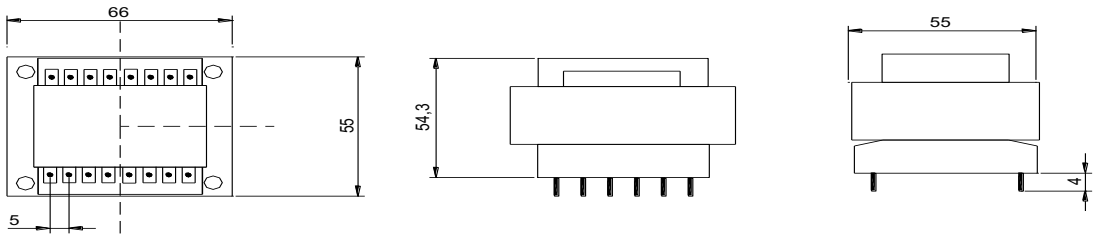
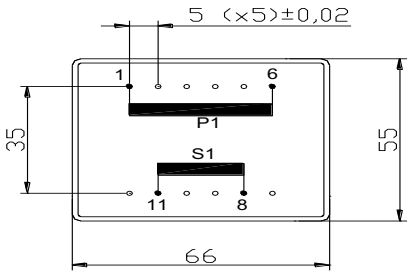
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



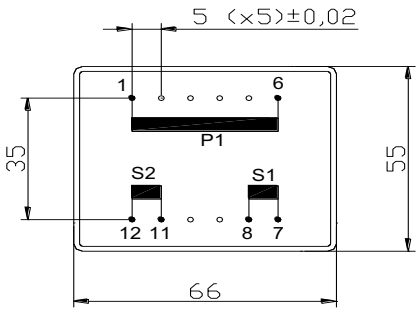
SINGLE SECONDARY, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6631014	S6631114	4,5V	15556mA	16000mA
S6631000	S6631100	6V	11667mA	12000mA
S6631002	S6631102	7,5V	93333mA	10000mA
S6631004	S6631104	9V	7778mA	8000mA
S6631006	S6631106	12V	5833mA	315mA
S6631008	S6631108	15V	4667mA	6000mA
S6631010	S6631110	18V	3889mA	4000mA
S6631020	S6631120	20V	3500mA	3750mA
S6631012	S6631112	24V	2917mA	3000mA



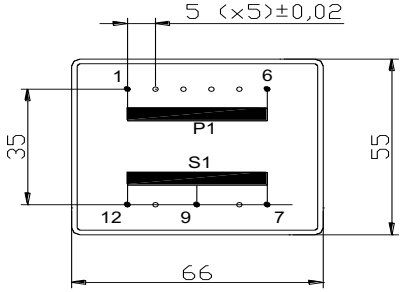
DUAL SECONDARY, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6631015	S6631115	2x4,5V	2x7778mA	2x8000mA
S6631001	S6631101	2x6V	2x5833mA	2x6000mA
S6631003	S6631103	2x7,5V	2x4667mA	2x5000mA
S6631005	S6631105	2x9V	2x3889mA	2x4000mA
S6631007	S6631107	2x12V	2x2917mA	2x3000mA
S6631009	S6631109	2x15V	2x2333mA	2x2500mA
S6631011	S6631111	2x18V	2x1944mA	2x2000mA
S6631019	S6631119	2x20V	2x1750mA	2x2000mA
S6631013	S6631113	2x24V	2x1458mA	2x1500mA



CENTER TAPPED, 70VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S6631035	S6631135	2x4,5V	2x7778mA	2x8000mA
S6631021	S6631121	2x6V	2x5833mA	2x6000mA
S6631023	S6631123	2x7,5V	2x4667mA	2x5000mA
S6631025	S6631125	2x9V	2x3889mA	2x4000mA
S6631027	S6631127	2x12V	2x2917mA	2x3000mA
S6631029	S6631129	2x15V	2x2333mA	2x2500mA
S6631031	S6631131	2x18V	2x1944mA	2x2000mA
S6631039	S6631139	2x20V	2x1750mA	2x2000mA
S6631033	S6631133	2x24V	2x1458mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S7525 (EI 75)

60VA - Ta70ºB

Dim:62x75x54,5mm

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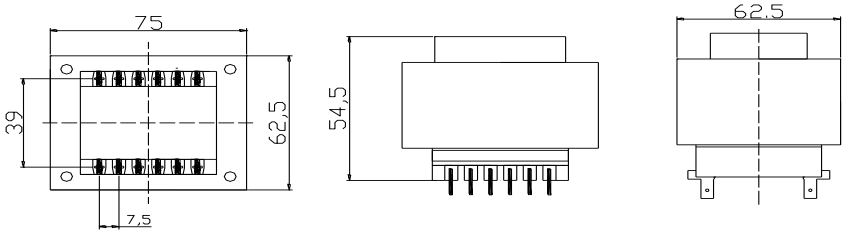
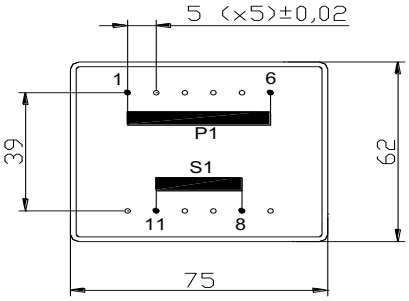
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



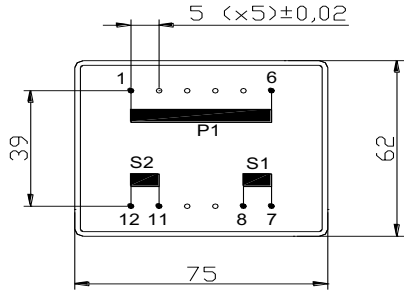
SINGLE SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525064	S7525164	4,5V	13333mA	14000mA
S7525050	S7525150	6V	10000mA	11000mA
S7525052	S7525152	7,5V	8000mA	500mA
S7525054	S7525154	9V	6667mA	400mA
S7525056	S7525156	12V	5000mA	315mA
S7525058	S7525158	15V	4000mA	250mA
S7525060	S7525160	18V	3333mA	200mA
S7525070	S7525170	20V	3000mA	200mA
S7525062	S7525172	24V	2500mA	160mA



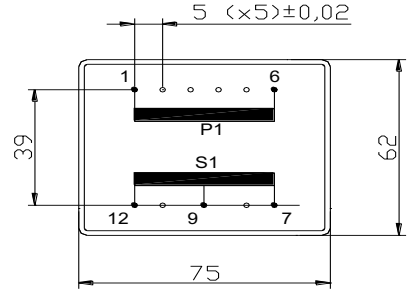
DUAL SECONDARY, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525065	S7525165	2x4,5V	2x6667mA	2x7000mA
S7525051	S7525151	2x6V	2x5000mA	2x6000mA
S7525053	S7525153	2x7,5V	2x4000mA	2x5000mA
S7525055	S7525155	2x9V	2x3333mA	2x3500mA
S7525057	S7525157	2x12V	2x2500mA	2x3000mA
S7525059	S7525159	2x15V	2x2000mA	2x2250mA
S7525061	S75251161	2x18V	2x1667mA	2x2000mA
S7525069	S7525169	2x20V	2x1500mA	2x1600mA
S7525063	S7525163	2x24V	2x1250mA	2x1500mA



CENTER TAPPED, 60VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525085	S7525185	2x4,5V	2x6667mA	2x7000mA
S7525071	S7525171	2x6V	2x5000mA	2x6000mA
S7525073	S7525173	2x7,5V	2x4000mA	2x5000mA
S7525075	S7525175	2x9V	2x3333mA	2x3500mA
S7525077	S7525177	2x12V	2x2500mA	2x3000mA
S7525079	S7525179	2x15V	2x2000mA	2x2250mA
S7525081	S7525181	2x18V	2x1667mA	2x2000mA
S7525089	S7525189	2x20V	2x1500mA	2x1600mA
S7525083	S7525183	2x24V	2x1250mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S7525 (EI 75)

70VA - Ta40ºB

Dim:62x75x54,5mm

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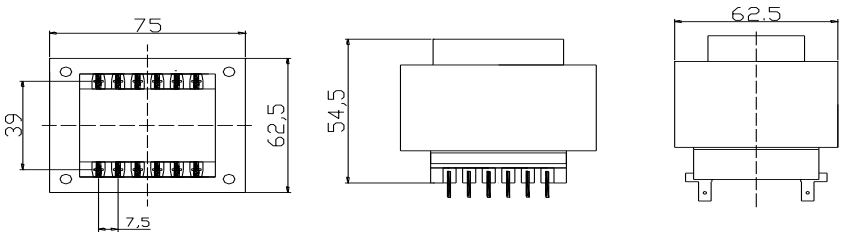
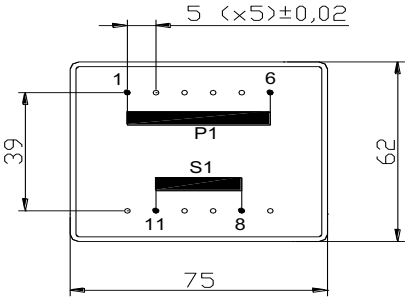
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



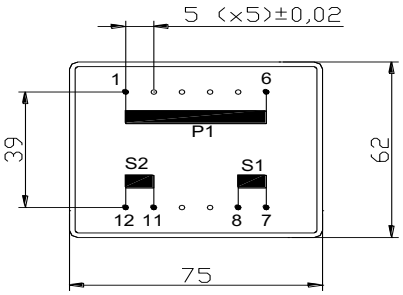
SINGLE SECONDARY, 70VA. Ta40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525014	S7525114	4,5V	15556mA	16000mA
S7525000	S7525100	6V	11667mA	12000mA
S7525002	S7525102	7,5V	93333mA	10000mA
S7525004	S7525104	9V	7778mA	8000mA
S7525006	S7525106	12V	5833mA	6000mA
S7525008	S7525108	15V	4667mA	5000mA
S7525010	S7525110	18V	3889mA	4000mA
S7525020	S7525120	20V	3500mA	3750mA
S7525012	S7525112	24V	2917mA	3000mA



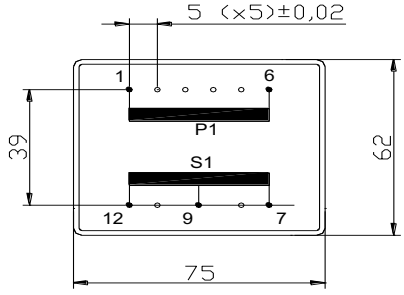
DUAL SECONDARY, 70VA. Ta40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525015	S7525115	2x4,5V	2x7778mA	2x8000mA
S7525001	S7525101	2x6V	2x5833mA	2x6000mA
S7525003	S7525103	2x7,5V	2x4667mA	2x5000mA
S7525005	S7525105	2x9V	2x3889mA	2x4000mA
S7525007	S7525107	2x12V	2x2917mA	2x3000mA
S7525009	S7525109	2x15V	2x2333mA	2x2500mA
S7525011	S7525111	2x18V	2x1944mA	2x2250mA
S7525019	S7525119	2x20V	2x1750mA	2x2000mA
S7525013	S7525113	2x24V	2x1458mA	2x1500mA



CENTER TAPPED, 70VA. Ta40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525035	S7525135	2x4,5V	2x7778mA	2x8000mA
S7525021	S7525121	2x6V	2x5833mA	2x6000mA
S7525023	S7525123	2x7,5V	2x4667mA	2x5000mA
S7525025	S7525125	2x9V	2x3889mA	2x4000mA
S7525027	S7525127	2x12V	2x2917mA	2x3000mA
S7525029	S7525129	2x15V	2x2333mA	2x2500mA
S7525031	S7525131	2x18V	2x1944mA	2x2250mA
S7525039	S7525139	2x20V	2x1750mA	2x2000mA
S7525033	S7525133	2x24V	2x1458mA	2x1500mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S7535 (EI 75)

85VA - Ta70ºB

Dim:62x75x64,5mm

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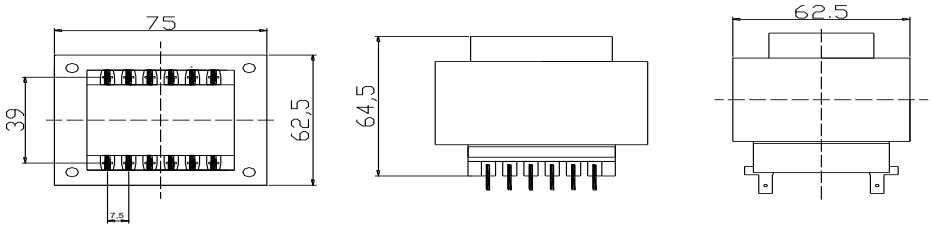
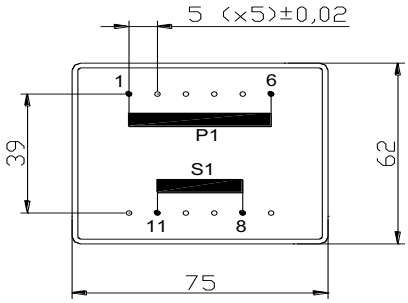
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



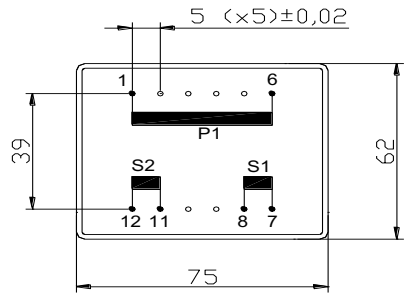
SINGLE SECONDARY, 85VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7535064	S7535164	4,5V	18889mA	19000mA
S7535050	S7535150	6V	14167mA	15000mA
S7535052	S7535152	7,5V	11333mA	12000mA
S7535054	S7535154	9V	9444mA	10000mA
S7535056	S7535156	12V	7083mA	8000mA
S7535058	S7535158	15V	5667mA	6000mA
S7535060	S7535160	18V	4722mA	5000mA
S7535070	S7535170	20V	4250mA	5000mA
S7535062	S7535172	24V	3542mA	4000mA



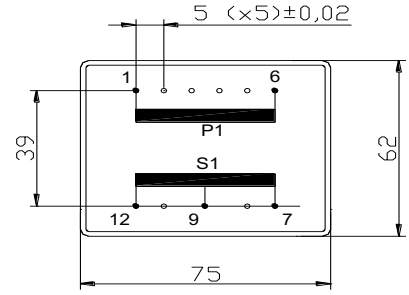
DUAL SECONDARY, 85VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7535065	S7535165	2x4,5V	2x9444mA	2x10000mA
S7535051	S7535151	2x6V	2x7083mA	2x8000mA
S7535053	S7535153	2x7,5V	2x5667mA	2x6000mA
S7535055	S7535155	2x9V	2x4722mA	2x5000mA
S7535057	S7535157	2x12V	2x3542mA	2x4000mA
S7535059	S7535159	2x15V	2x2833mA	2x3000mA
S7535061	S75351161	2x18V	2x32361mA	2x3000mA
S7535069	S7535169	2x20V	2x2125mA	2x2500mA
S7535063	S7535163	2x24V	2x1771mA	2x2000mA



CENTER TAPPED, 85VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525085	S7535185	2x4,5V	2x9444mA	2x10000mA
S7535071	S7535171	2x6V	2x7083mA	2x8000mA
S7535073	S7535173	2x7,5V	2x5667mA	2x6000mA
S7535075	S7535175	2x9V	2x4722mA	2x5000mA
S7535077	S7535177	2x12V	2x3542mA	2x4000mA
S7535079	S7535179	2x15V	2x2833mA	2x3000mA
S7535081	S7535181	2x18V	2x32361mA	2x3000mA
S7535089	S7535189	2x20V	2x2125mA	2x2500mA
S7535083	S7535183	2x24V	2x1771mA	2x2000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S7535 (EI 75)

100VA - Ta40ºB

Dim:62x75x64,5mm

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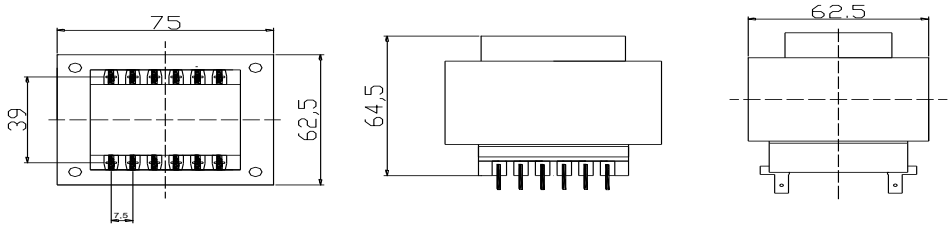
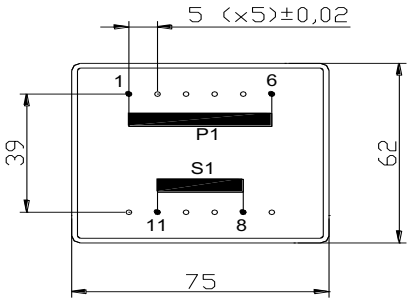
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



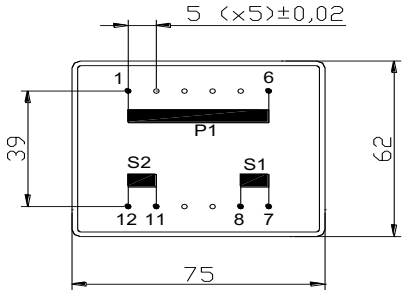
SINGLE SECONDARY, 100VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7535014	S7535114	4,5V	22222mA	25000mA
S7535000	S7535100	6V	16667mA	17000mA
S7535002	S7535102	7,5V	13333mA	15000mA
S7535004	S7535104	9V	11111mA	12000mA
S7535006	S7535106	12V	8333mA	10000mA
S7535008	S7535108	15V	6667mA	7000mA
S7535010	S7535110	18V	5556mA	6000mA
S7535020	S7535120	20V	5000mA	5500mA
S7535012	S7535112	24V	4167mA	5000mA



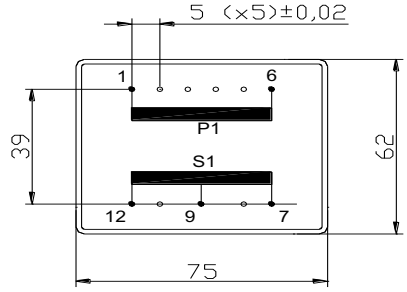
DUAL SECONDARY, 100VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7535015	S7535115	2x4,5V	2x11111mA	2x12000mA
S7535001	S7535101	2x6V	2x8333mA	2x9000mA
S7535003	S7535103	2x7,5V	2x6667mA	2x7500mA
S7535005	S7535105	2x9V	2x5556mA	2x6000mA
S7535007	S7535107	2x12V	2x4167mA	2x5000mA
S7535009	S7535109	2x15V	2x3333mA	2x3500mA
S7535011	S7535111	2x18V	2x2778mA	2x3000mA
S7535019	S7535119	2x20V	2x2500mA	2x2700mA
S7535013	S7535113	2x24V	2x2083mA	2x2100mA



CENTER TAPPED, 100VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7535035	S7535135	2x4,5V	2x11111mA	2x12000mA
S7535021	S7535121	2x6V	2x8333mA	2x9000mA
S7535023	S7535123	2x7,5V	2x6667mA	2x7500mA
S7535025	S7535125	2x9V	2x5556mA	2x6000mA
S7535027	S7535127	2x12V	2x4167mA	2x5000mA
S7535029	S7535129	2x15V	2x3333mA	2x3500mA
S7535031	S7535131	2x18V	2x2778mA	2x3000mA
S7535039	S7535139	2x20V	2x2500mA	2x2700mA
S7535033	S7535133	2x24V	2x2083mA	2x2100mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S7540 (EI 75)

100VA - Ta70ºB

Dim:62x75x69,4mm

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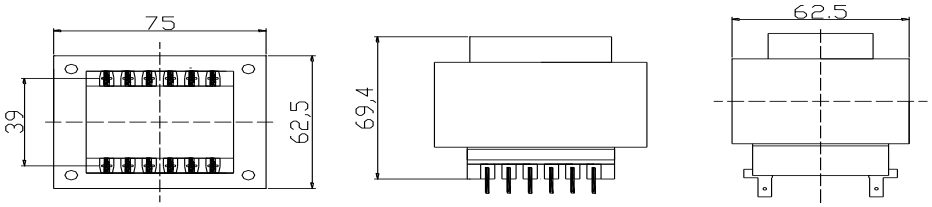
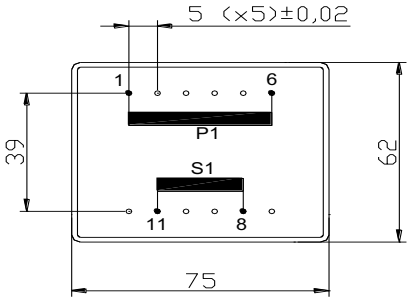
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



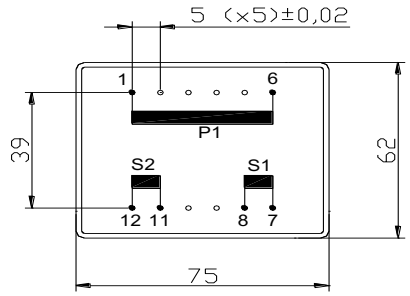
SINGLE SECONDARY, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7540064	S7540164	4,5V	22222mA	23000mA
S7540050	S7540150	6V	16667mA	17000mA
S7540052	S7540152	7,5V	13333mA	15000mA
S7540054	S7540154	9V	11111mA	12000mA
S7540056	S7540156	12V	8333mA	9000mA
S7540058	S7540158	15V	6667mA	7000mA
S7540060	S7540160	18V	5556mA	6000mA
S7540070	S7540170	20V	5000mA	6000mA
S7540062	S7540172	24V	4167mA	5000mA



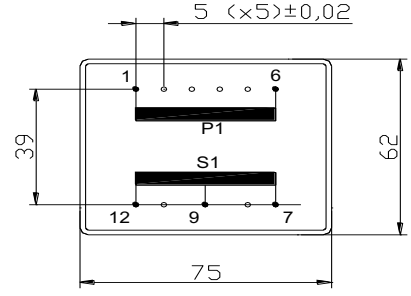
DUAL SECONDARY, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7540065	S7540165	2x4,5V	2x11111mA	2x12000mA
S7540051	S7540151	2x6V	2x8333mA	2x9000mA
S7540053	S7540153	2x7,5V	2x6667mA	2x7000mA
S7540055	S7540155	2x9V	2x5556mA	2x6000mA
S7540057	S7540157	2x12V	2x4167mA	2x5000mA
S7540059	S7540159	2x15V	2x3333mA	2x4000mA
S7540061	S75401161	2x18V	2x2778mA	2x3000mA
S7540069	S7540169	2x20V	2x2500mA	2x3000mA
S7540063	S7540163	2x24V	2x2083mA	2x2000mA



CENTER TAPPED, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7525085	S7540185	2x4,5V	2x11111mA	2x12000mA
S7540071	S7540171	2x6V	2x8333mA	2x9000mA
S7540073	S7540173	2x7,5V	2x6667mA	2x7000mA
S7540075	S7540175	2x9V	2x5556mA	2x6000mA
S7540077	S7540177	2x12V	2x4167mA	2x5000mA
S7540079	S7540179	2x15V	2x3333mA	2x4000mA
S7540081	S7540181	2x18V	2x2778mA	2x3000mA
S7540089	S7540189	2x20V	2x2500mA	2x3000mA
S7540083	S7540183	2x24V	2x2083mA	2x2000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S7540 (EI 75)

120VA - Ta40ºB

Dim:62x75x69,4mm

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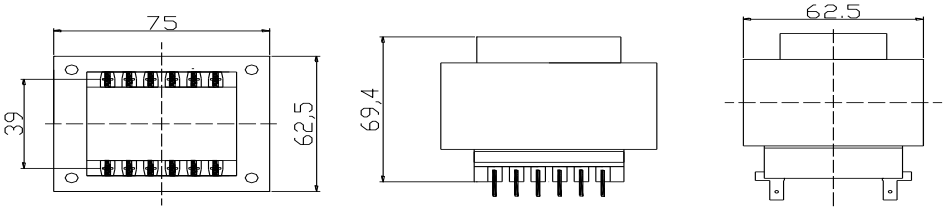
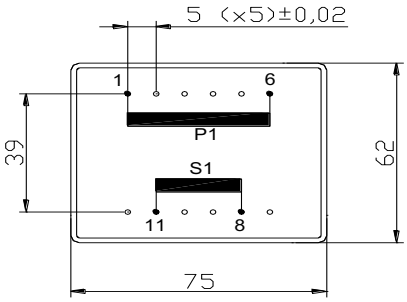
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



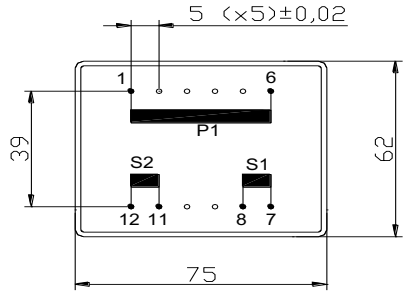
SINGLE SECONDARY, 120VA. Ta40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7540014	S7540114	4,5V	26667mA	27000mA
S7540000	S7540100	6V	20000mA	20125mA
S7540002	S7540102	7,5V	16000mA	17000mA
S7540004	S7540104	9V	13333mA	15000mA
S7540006	S7540106	12V	10000mA	11000mA
S7540008	S7540108	15V	8000mA	9000mA
S7540010	S7540110	18V	6667mA	7000mA
S7540020	S7540120	20V	6000mA	7000mA
S7540012	S7540112	24V	5000mA	6000mA



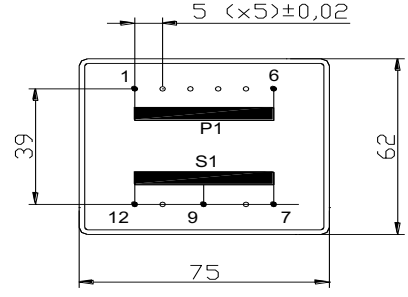
DUAL SECONDARY, 120VA. Ta40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7540015	S7540115	2x4,5V	2x13333mA	2x14000mA
S7540001	S7540101	2x6V	2x10000mA	2x11000mA
S7540003	S7540103	2x7,5V	2x8000mA	2x10000mA
S7540005	S7540105	2x9V	2x6667mA	2x70000mA
S7540007	S7540107	2x12V	2x5000mA	2x6000mA
S7540009	S7540109	2x15V	2x4000mA	2x5000mA
S7540011	S7540111	2x18V	2x3333mA	2x40000mA
S7540019	S7540119	2x20V	2x3000mA	2x35000mA
S7540013	S7540113	2x24V	2x2500mA	2x30000mA



CENTER TAPPED, 120VA. Ta40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S7540035	S7540135	2x4,5V	2x13333mA	2x14000mA
S7540021	S7540121	2x6V	2x10000mA	2x11000mA
S7540023	S7540123	2x7,5V	2x8000mA	2x10000mA
S7540025	S7540125	2x9V	2x6667mA	2x70000mA
S7540027	S7540127	2x12V	2x5000mA	2x6000mA
S7540029	S7540129	2x15V	2x4000mA	2x5000mA
S7540031	S7540131	2x18V	2x3333mA	2x40000mA
S7540039	S7540139	2x20V	2x3000mA	2x35000mA
S7540033	S7540133	2x24V	2x2500mA	2x30000mA

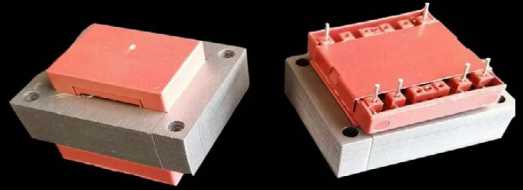


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S8444 (EI 84)

100VA - Ta70ºB

Dim:70x84x74,2mm



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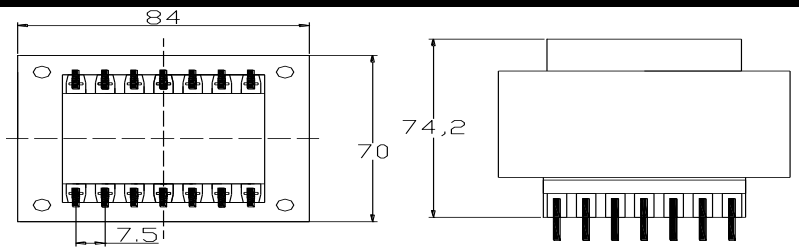
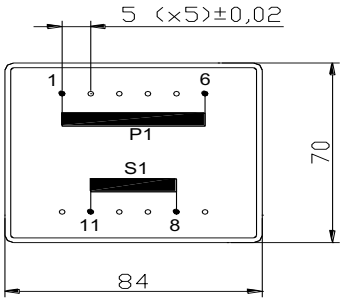
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



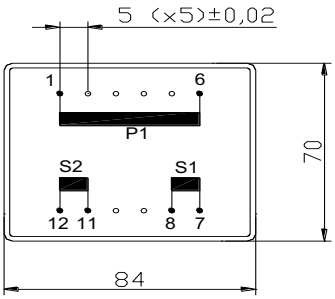
SINGLE SECONDARY, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8444064	S8444164	4,5V	22222mA	23000mA
S8444050	S8444150	6V	16667mA	17000mA
S8444052	S8444152	7,5V	13333mA	15000mA
S8444054	S8444154	9V	11111mA	12000mA
S8444056	S8444156	12V	8333mA	10000mA
S8444058	S8444158	15V	6667mA	70000mA
S8444060	S8444160	18V	5556mA	200mA
S8444070	S8444170	20V	5000mA	200mA
S8444062	S8444172	24V	4167mA	160mA



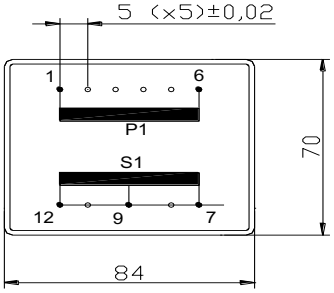
DUAL SECONDARY, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8444065	S8444165	2x4,5V	2x11111mA	2x12000mA
S8444051	S8444151	2x6V	2x8333mA	2x9000mA
S8444053	S8444153	2x7,5V	2x6667mA	2x7000mA
S8444055	S8444155	2x9V	2x5556mA	2x6000mA
S8444057	S8444157	2x12V	2x4167mA	2x5000mA
S8444059	S8444159	2x15V	2x3333mA	2x4000mA
S8444061	S84441161	2x18V	2x2778mA	2x3000mA
S8444069	S8444169	2x20V	2x2500mA	2x3000mA
S8444063	S8444163	2x24V	2x2083mA	2x2100mA



CENTER TAPPED, 100VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8444085	S8444185	2x4,5V	2x11111mA	2x12000mA
S8444071	S8444171	2x6V	2x8333mA	2x9000mA
S8444073	S8444173	2x7,5V	2x6667mA	2x7000mA
S8444075	S8444175	2x9V	2x5556mA	2x6000mA
S8444077	S8444177	2x12V	2x4167mA	2x5000mA
S8444079	S8444179	2x15V	2x3333mA	2x4000mA
S8444081	S8444181	2x18V	2x2778mA	2x3000mA
S8444089	S8444189	2x20V	2x2500mA	2x3000mA
S8444083	S8444183	2x24V	2x2083mA	2x2100mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S8444 (EI 84)

120VA - Ta40ºB

Dim:70x84x74,2mm

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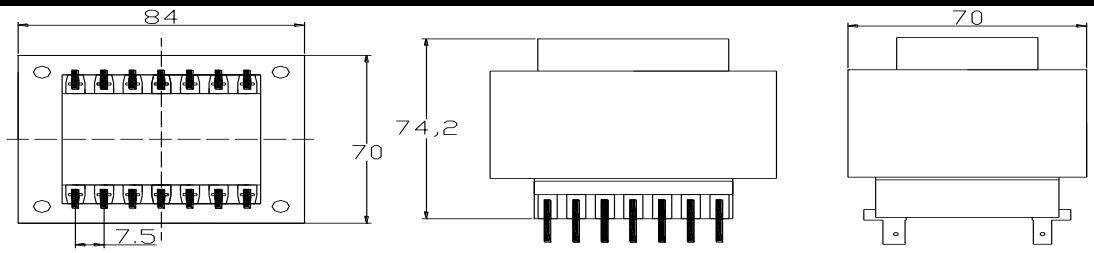
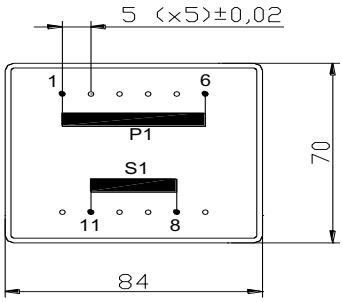
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



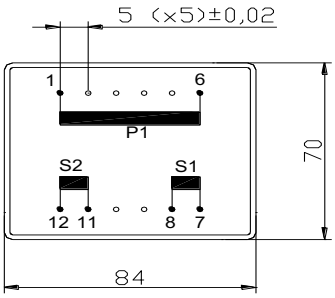
SINGLE SECONDARY, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8444014	S8444114	4,5V	26667mA	27000mA
S8444000	S8444100	6V	20000mA	21000mA
S8444002	S8444102	7,5V	16000mA	17000mA
S8444004	S8444104	9V	13333mA	15000mA
S8444006	S8444106	12V	10000mA	1100mA
S8444008	S8444108	15V	8000mA	9000mA
S8444010	S8444110	18V	6667mA	7000mA
S8444020	S8444120	20V	6000mA	7000mA
S8444012	S8444112	24V	5000mA	6000mA



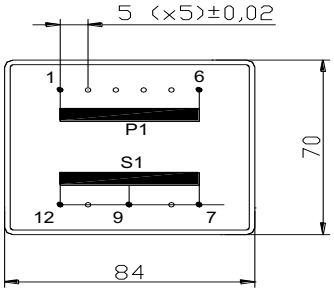
DUAL SECONDARY, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8444015	S8444115	2x4,5V	2x13333mA	2x14000mA
S8444001	S8444101	2x6V	2x10000mA	2x11000mA
S8444003	S8444103	2x7,5V	2x8000mA	2x10000mA
S8444005	S8444105	2x9V	2x6667mA	2x7000mA
S8444007	S8444107	2x12V	2x5000mA	2x6000mA
S8444009	S8444109	2x15V	2x4000mA	2x5000mA
S8444011	S8444111	2x18V	2x3333mA	2x4000mA
S8444019	S8444119	2x20V	2x3000mA	2x4000mA
S8444013	S8444113	2x24V	2x2500mA	2x3000mA



CENTER TAPPED, 120VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8444035	S8444135	2x4,5V	2x13333mA	2x14000mA
S8444021	S8444121	2x6V	2x10000mA	2x11000mA
S8444023	S8444123	2x7,5V	2x8000mA	2x10000mA
S8444025	S8444125	2x9V	2x6667mA	2x7000mA
S8444027	S8444127	2x12V	2x5000mA	2x6000mA
S8444029	S8444129	2x15V	2x3333mA	2x5000mA
S8444031	S8444131	2x18V	2x3333mA	2x4000mA
S8444039	S8444139	2x20V	2x3000mA	2x4000mA
S8444033	S8444133	2x24V	2x2500mA	2x3000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S8450 (EI 84)

130VA - Ta70ºB

Dim:70x84x81mm

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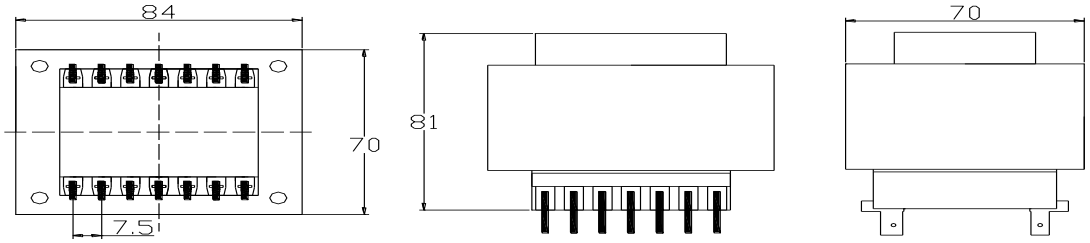
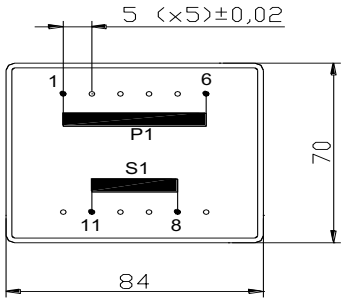
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



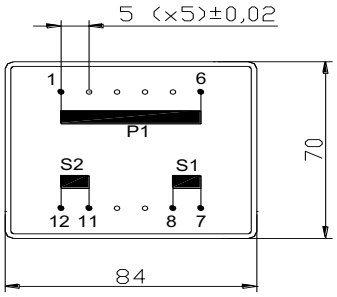
SINGLE SECONDARY, 130VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8450064	S8450164	4,5V	28889mA	29000mA
S8450050	S8450150	6V	21667mA	22000mA
S8450052	S8450152	7,5V	17333mA	18000mA
S8450054	S8450154	9V	14444mA	15000mA
S8450056	S8450156	12V	10833mA	11000mA
S8450058	S8450158	15V	8667mA	9000mA
S8450060	S8450160	18V	7222mA	80000mA
S8450070	S8450170	20V	6500mA	7000mA
S8450062	S8450172	24V	5417mA	6000mA



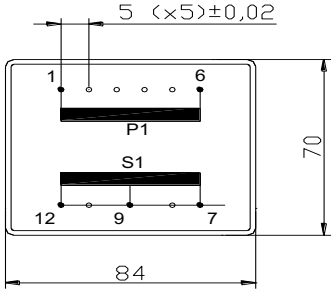
DUAL SECONDARY, 130VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8450065	S8450165	2x4,5V	2x14444mA	2x15000mA
S8450051	S8450151	2x6V	2x10833mA	2x11000mA
S8450053	S8450153	2x7,5V	2x8667mA	2x10000mA
S8450055	S8450155	2x9V	2x7222mA	2x8000mA
S8450057	S8450157	2x12V	2x5417mA	2x6000mA
S8450059	S8450159	2x15V	2x4333mA	2x5000mA
S8450061	S84501161	2x18V	2x3611mA	2x4000mA
S8450069	S8450169	2x20V	2x3250mA	2x4000mA
S8450063	S8450163	2x24V	2x2708mA	2x3000mA



CENTER TAPPED, 130VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8450085	S8450185	2x4,5V	2x14444mA	2x15000mA
S8450071	S8450171	2x6V	2x10833mA	2x11000mA
S8450073	S8450173	2x7,5V	2x8667mA	2x10000mA
S8450075	S8450175	2x9V	2x7222mA	2x8000mA
S8450077	S8450177	2x12V	2x5417mA	2x6000mA
S8450079	S8450179	2x15V	2x4333mA	2x5000mA
S8450081	S8450181	2x18V	2x3611mA	2x4000mA
S8450089	S8450189	2x20V	2x3250mA	2x4000mA
S8450083	S8450183	2x24V	2x2708mA	2x3000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S8450 (EI 84)

150VA - Ta40ºB

Dim:70x84x81mm

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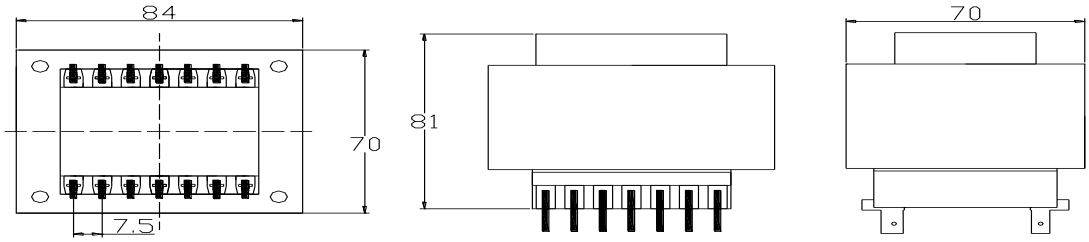
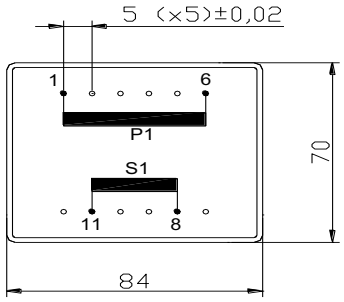
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



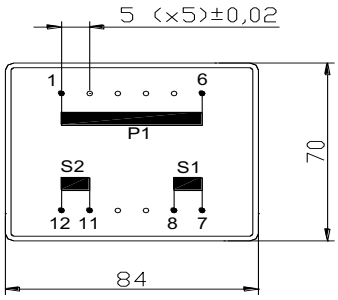
SINGLE SECONDARY, 150VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8450014	S8450114	4,5V	33333mA	35000mA
S8450000	S8450100	6V	25000mA	30000mA
S8450002	S8450102	7,5V	20000mA	21000mA
S8450004	S8450104	9V	16667mA	17000mA
S8450006	S8450106	12V	12500mA	15000mA
S8450008	S8450108	15V	10000mA	11000mA
S8450010	S8450110	18V	8333mA	10000mA
S8450020	S8450120	20V	7500mA	9000mA
S8450012	S8450112	24V	6250mA	7000mA



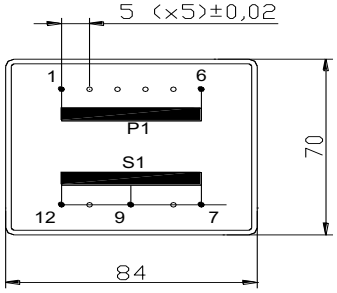
DUAL SECONDARY, 150VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8450015	S8450115	2x4,5V	2x16667mA	2x17000mA
S8450001	S8450101	2x6V	2x1250mA	2x1500mA
S8450003	S8450103	2x7,5V	2x10000mA	2x1100mA
S8450005	S8450105	2x9V	2x8333mA	2x1000mA
S8450007	S8450107	2x12V	2x6250mA	2x7000mA
S8450009	S8450109	2x15V	2x5000mA	2x6000mA
S8450011	S8450111	2x18V	2x4167mA	2x5000mA
S8450019	S8450119	2x20V	2x3750mA	2x4000mA
S8450013	S8450113	2x24V	2x3125mA	2x4000mA



CENTER TAPPED, 150VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S8450035	S8450135	2x4,5V	2x16667mA	2x17000mA
S8450021	S8450121	2x6V	2x1250mA	2x1500mA
S8450023	S8450123	2x7,5V	2x10000mA	2x1100mA
S8450025	S8450125	2x9V	2x8333mA	2x1000mA
S8450027	S8450127	2x12V	2x6250mA	2x7000mA
S8450029	S8450129	2x15V	2x5000mA	2x6000mA
S8450031	S8450131	2x18V	2x4167mA	2x5000mA
S8450039	S8450139	2x20V	2x3750mA	2x4000mA
S8450039	S8450133	2x24V	2x3125mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S9640 (EI 96)

150VA - Ta70ºB

Dim:80x96x79,6mm

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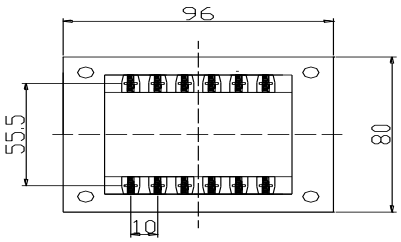
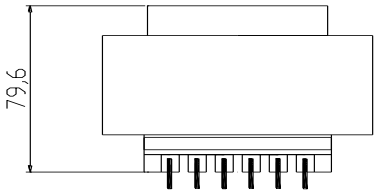
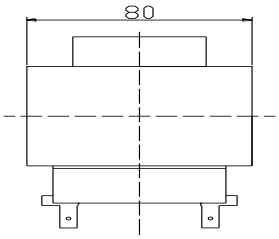
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

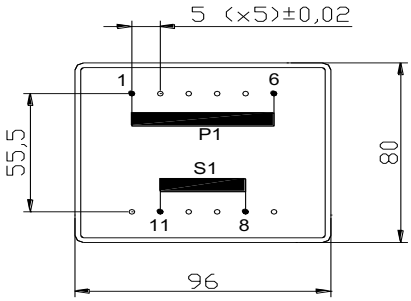






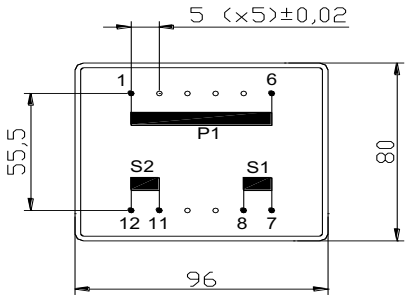
SINGLE SECONDARY, 150VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9640064	S9640164	4,5V	33333mA	35000mA
S9640050	S9640150	6V	25000mA	26000mA
S9640052	S9640152	7,5V	20000mA	21000mA
S9640054	S9640154	9V	16667mA	17000mA
S9640056	S9640156	12V	12500mA	13000mA
S9640058	S9640158	15V	10000mA	11000mA
S9640060	S9640160	18V	8333mA	9000mA
S9640070	S9640170	20V	7500mA	8000mA
S9640062	S9640172	24V	6250mA	7000mA



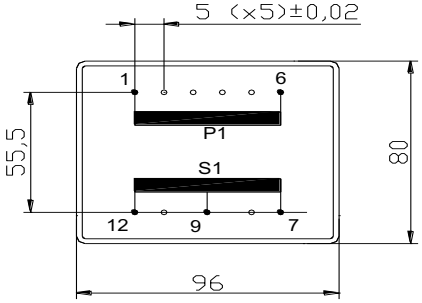
DUAL SECONDARY, 150VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9640065	S9640165	2x4,5V	2x16667mA	2x17000mA
S9640051	S9640151	2x6V	2x1250mA	2x13000mA
S9640053	S9640153	2x7,5V	2x10000mA	2x11000mA
S9640055	S9640155	2x9V	2x8333mA	2x9000mA
S9640057	S9640157	2x12V	2x6250mA	2x7000mA
S9640059	S9640159	2x15V	2x5000mA	2x6000mA
S9640061	S96401161	2x18V	2x4167mA	2x5000mA
S9640069	S9640169	2x20V	2x3750mA	2x4000mA
S9640063	S9640163	2x24V	2x3125mA	2x4000mA



CENTER TAPPED, 150VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9640085	S9640185	2x4,5V	2x16667mA	2x17000mA
S9640071	S9640171	2x6V	2x1250mA	2x13000mA
S9640073	S9640173	2x7,5V	2x10000mA	2x11000mA
S9640075	S9640175	2x9V	2x8333mA	2x9000mA
S9640077	S9640177	2x12V	2x6250mA	2x7000mA
S9640079	S9640179	2x15V	2x5000mA	2x6000mA
S9640081	S9640181	2x18V	2x4167mA	2x5000mA
S9640089	S9640189	2x20V	2x3750mA	2x4000mA
S9640083	S9640183	2x24V	2x3125mA	2x4000mA

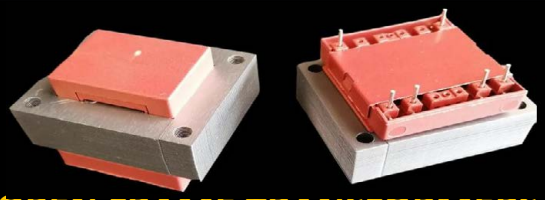


According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S9640 (EI 96)

170VA - Ta40ºB

Dim:80x96x79,6mm



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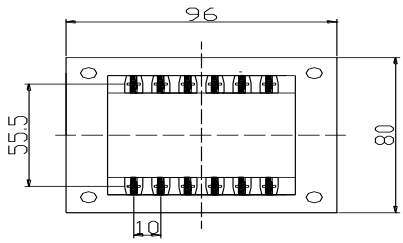
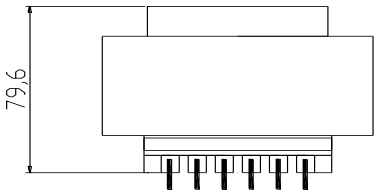
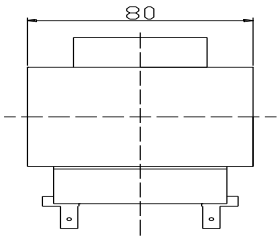
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

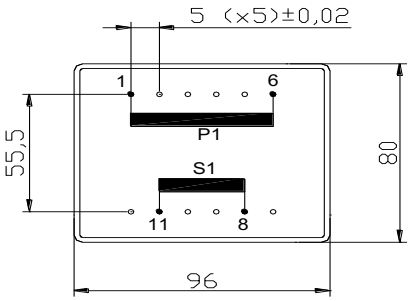






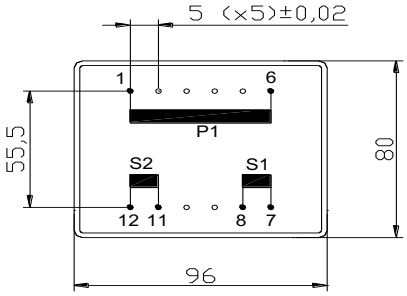
SINGLE SECONDARY, 170VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9640014	S9640114	4,5V	37778mA	38000mA
S9640000	S9640100	6V	28333mA	30000mA
S9640002	S9640102	7,5V	22667mA	25000mA
S9640004	S9640104	9V	18889mA	20000mA
S9640006	S9640106	12V	14167mA	15000mA
S9640008	S9640108	15V	11333mA	12000mA
S9640010	S9640110	18V	9444mA	10000mA
S9640020	S9640120	20V	8500mA	9000mA
S9640012	S9640112	24V	7083mA	8000mA



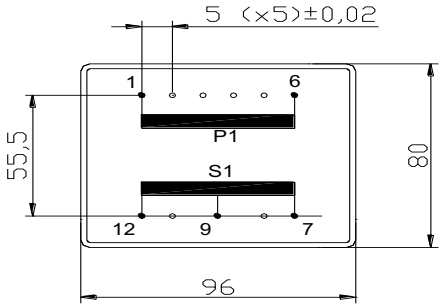
DUAL SECONDARY, 170VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9640015	S9640115	2x4,5V	2x18889mA	2x20000mA
S9640001	S9640101	2x6V	2x14167mA	2x15000mA
S9640003	S9640103	2x7,5V	2x11333mA	2x12000mA
S9640005	S9640105	2x9V	2x9444mA	2x10000mA
S9640007	S9640107	2x12V	2x7083mA	2x8000mA
S9640009	S9640109	2x15V	2x5667mA	2x6000mA
S9640011	S9640111	2x18V	2x4722mA	2x5000mA
S9640019	S9640119	2x20V	2x4250mA	2x5000mA
S9640013	S9640113	2x24V	2x3542mA	2x4000mA



CENTER TAPPED, 170VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9640035	S9640135	2x4,5V	2x18889mA	2x20000mA
S9640021	S9640121	2x6V	2x14167mA	2x15000mA
S9640023	S9640123	2x7,5V	2x11333mA	2x12000mA
S9640025	S9640125	2x9V	2x9444mA	2x10000mA
S9640027	S9640127	2x12V	2x7083mA	2x8000mA
S9640029	S9640129	2x15V	2x5667mA	2x6000mA
S9640031	S9640131	2x18V	2x4722mA	2x5000mA
S9640039	S9640139	2x20V	2x4250mA	2x5000mA
S9640033	S9640133	2x24V	2x3542mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S9650 (EI 96)

160VA - Ta70ºB

Dim:80x96x89,6mm

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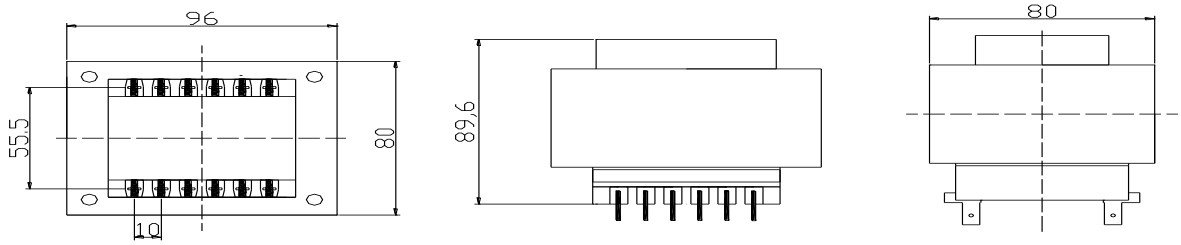
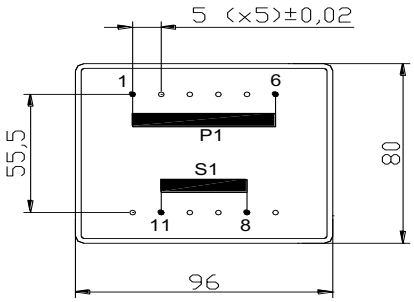
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



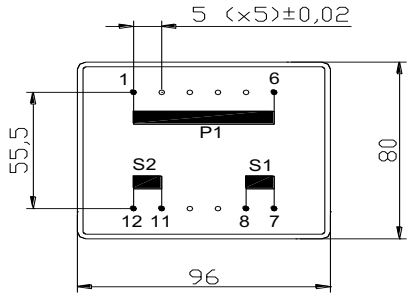
SINGLE SECONDARY, 160VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9650064	S9650164	4,5V	35556mA	36000mA
S9650050	S9650150	6V	26667mA	27000mA
S9650052	S9650152	7,5V	21333mA	22000mA
S9650054	S9650154	9V	17778mA	18000mA
S9650056	S9650156	12V	13333mA	14000mA
S9650058	S9650158	15V	10667mA	11000mA
S9650060	S9650160	18V	8889mA	9000mA
S9650070	S9650170	20V	8000mA	9000mA
S9650062	S9650172	24V	6667mA	7000mA



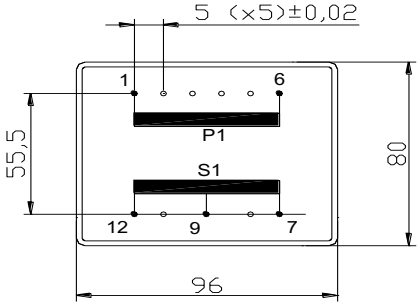
DUAL SECONDARY, 160VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9650065	S9650165	2x4,5V	2x17778mA	2x18000mA
S9650051	S9650151	2x6V	2x13333mA	2x14000mA
S9650053	S9650153	2x7,5V	2x10667mA	2x11000mA
S9650055	S9650155	2x9V	2x8889mA	2x9000mA
S9650057	S9650157	2x12V	2x6667mA	2x7000mA
S9650059	S9650159	2x15V	2x5333mA	2x6000mA
S9650061	S96501161	2x18V	2x4444mA	2x5000mA
S9650069	S9650169	2x20V	2x4000mA	2x5000mA
S9650063	S9650163	2x24V	2x3333mA	2x4000mA



CENTER TAPPED, 160VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9650085	S9650185	2x4,5V	2x17778mA	2x18000mA
S9650071	S9650171	2x6V	2x13333mA	2x14000mA
S9650073	S9650173	2x7,5V	2x10667mA	2x11000mA
S9650075	S9650175	2x9V	2x8889mA	2x9000mA
S9650077	S9650177	2x12V	2x6667mA	2x7000mA
S9650079	S9650179	2x15V	2x5333mA	2x6000mA
S9650081	S9650181	2x18V	2x4444mA	2x5000mA
S9650089	S9650189	2x20V	2x4000mA	2x5000mA
S9650083	S9650183	2x24V	2x3333mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

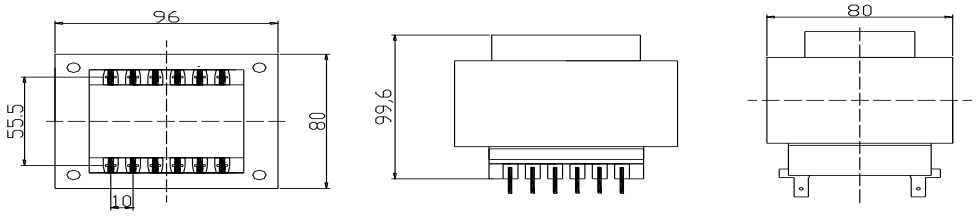
S9660 (EI 96)

170VA - Ta70ºB

Dim:80x96x99,6mm

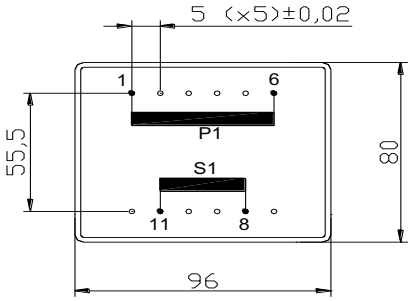
OPEN FRAME TRANSFORMERS

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



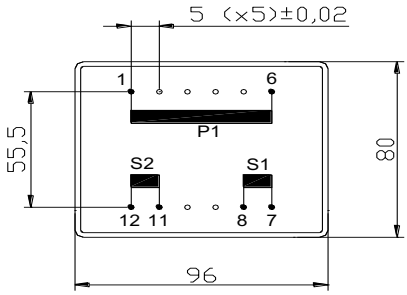
SINGLE SECONDARY, 170VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9660064	S9660164	4,5V	37778mA	38000mA
S9660050	S9660150	6V	28333mA	30000mA
S9660052	S9660152	7,5V	22667mA	25000mA
S9660054	S9660154	9V	1889mA	20000mA
S9660056	S9660156	12V	14167mA	15000mA
S9660058	S9660158	15V	11333mA	12000mA
S9660060	S9660160	18V	9444mA	10000mA
S9660070	S9660170	20V	8500mA	9000mA
S9660062	S9660172	24V	7083mA	8000mA



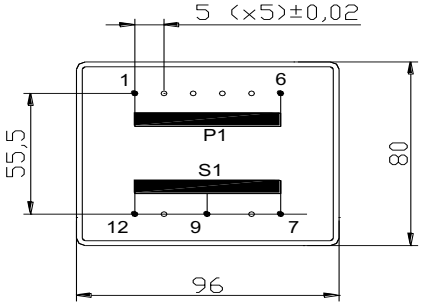
DUAL SECONDARY, 170VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9660065	S9660165	2x4,5V	2x18889mA	2x20000mA
S9660051	S9660151	2x6V	2x14167mA	2x15000mA
S9660053	S9660153	2x7,5V	2x11333mA	2x12000mA
S9660055	S9660155	2x9V	2x9444mA	2x10000mA
S9660057	S9660157	2x12V	2x7083mA	2x8000mA
S9660059	S9660159	2x15V	2x5667mA	2x6000mA
S9660061	S96601161	2x18V	2x4722mA	2x5000mA
S9660069	S9660169	2x20V	2x4250mA	2x5000mA
S9660063	S9660163	2x24V	2x3542mA	2x4000mA



CENTER TAPPED, 170VA. Taº70B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9660085	S9660185	2x4,5V	2x18889mA	2x20000mA
S9660071	S9660171	2x6V	2x14167mA	2x15000mA
S9660073	S9660173	2x7,5V	2x11333mA	2x12000mA
S9660075	S9660175	2x9V	2x9444mA	2x10000mA
S9660077	S9660177	2x12V	2x7083mA	2x8000mA
S9660079	S9660179	2x15V	2x5667mA	2x6000mA
S9660081	S9660181	2x18V	2x4722mA	2x5000mA
S9660089	S9660189	2x20V	2x4250mA	2x5000mA
S9660083	S9660183	2x24V	2x3542mA	2x4000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

S9660 (EI 96)

200VA - Ta40ºB

Dim:80x96x99,6mm

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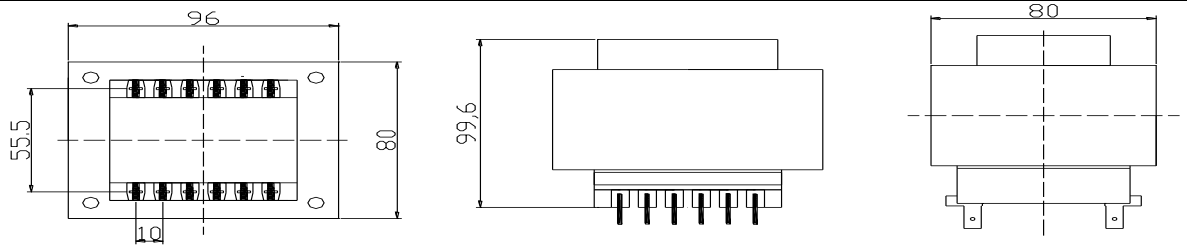
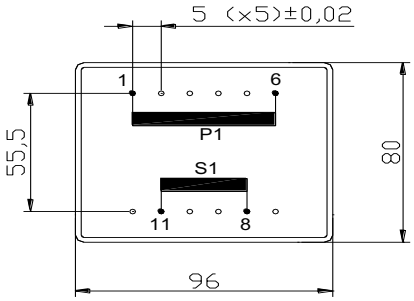
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection



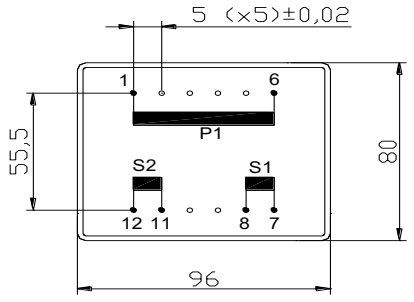
SINGLE SECONDARY, 200VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9660014	S9660114	4,5V	44444mA	45000mA
S9660000	S9660100	6V	33333mA	35000mA
S9660002	S9660102	7,5V	26667mA	27000mA
S9660004	S9660104	9V	22222mA	23000mA
S9660006	S9660106	12V	16667mA	17000mA
S9660008	S9660108	15V	13333mA	15000mA
S9660010	S9660110	18V	11111mA	12000mA
S9660020	S9660120	20V	10000mA	12000mA
S9660012	S9660112	24V	8333mA	10000mA



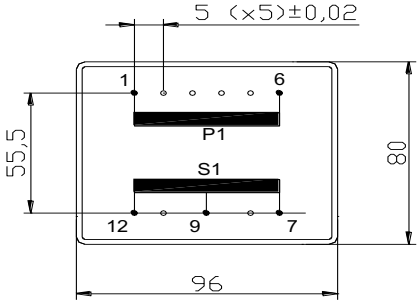
DUAL SECONDARY, 200VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9660015	S9660115	2x4,5V	2x22222mA	2x23000mA
S9660001	S9660101	2x6V	2x16667mA	2x17000mA
S9660003	S9660103	2x7,5V	2x13333mA	2x15000mA
S9660005	S9660105	2x9V	2x11111mA	2x12000mA
S9660007	S9660107	2x12V	2x8333mA	2x9000mA
S9660009	S9660109	2x15V	2x6667mA	2x7000mA
S9660011	S9660111	2x18V	2x5556mA	2x6000mA
S9660019	S9660119	2x20V	2x5000mA	2x6000mA
S9660013	S9660113	2x24V	2x4167mA	2x5000mA



CENTER TAPPED, 200VA. Taº40B

HR REFERENCE		Vo/Vsec=1,3 Vo --> Is=0 Vsec --> Isec=In		Prot. Prim. 230V: 50mA/T 115V: 100mA/T
Prim. 230V	**Prim. 115V**	**Vsec**	**Isec**	**Prot. Sec. mA/F**
S9660035	S9660135	2x4,5V	2x22222mA	2x23000mA
S9660021	S9660121	2x6V	2x16667mA	2x17000mA
S9660023	S9660123	2x7,5V	2x13333mA	2x15000mA
S9660025	S9660125	2x9V	2x11111mA	2x12000mA
S9660027	S9660127	2x12V	2x8333mA	2x9000mA
S9660029	S9660129	2x15V	2x6667mA	2x7000mA
S9660031	S9660131	2x18V	2x5556mA	2x6000mA
S9660039	S9660139	2x20V	2x5000mA	2x6000mA
S9660033	S9660133	2x24V	2x4167mA	2x5000mA



According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

TOROIDAL TRANSFORMERS
T002-20VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

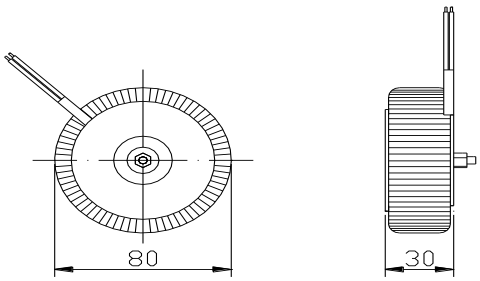
- Power 20VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
20VA	REF	T 002 106	T 002 110	T 002 112	T 002 115	T 002 118	T 002 122	T 002 124	T 002 130	T 002 135	T 002 140	T 002 160	T 002 180	0.37
	Is-A	3.33	2.0	1.66	1.33	1.11	0.9	0.83	0.66	0.57	0.5	0.33	0.25	

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	
20VA	REF	T 002 206	T 002 210	T 002 212	T 002 215	T 002 218	T 002 222	T 002 224	T 002 230	0.53
	Is-A	2x1,67	2x1,67	2x1,67	2x1,67	2x1,67	2x1,67	2x1,67	2x1,67	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T003-30VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

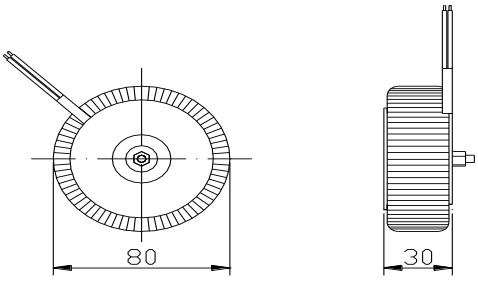
- Power 30VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
30VA	REF	T 003 106	T 003 110	T 003 112	T 003 115	T 003 118	T 003 122	T 003 124	T 003 130	T 003 135	T 003 140	T 003 160	T 003 180	0.53
	Is-A	5.0	3.0	2.5	2.0	1.66	1.36	1.25	1.0	0.85	0.75	0.5	0.37	

POWER	Series	PRIMARY 230V 50/60Hz							Wheight
		DUAL SECONDARY 2 X(--) V.							(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	
30VA	REF	T 003 206	T 003 210	T 003 212	T 003 215	T 003 218	T 003 222	T 003 224	T 003 230	0.53
	Is-A	2x2.5	2x1.5	2x1.25	2x1.0	2x0.83	2x0.68	2X0.62	2x0.5	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T004-40VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

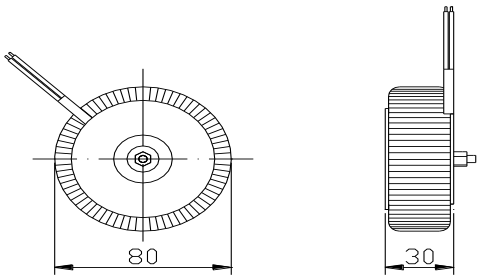
- Power 40VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
30VA	REF	T 004 106	T 004 110	T 004 112	T 004 115	T 004 118	T 004 122	T 004 124	T 004 130	T 004 135	T 004 140	T 004 160	T 004 180	0.56
	Is-A	6.66	4.0	3.33	2.66	2.22	1.88	1.66	1.33	1.14	1.0	0.66	0.5	

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	
30VA	REF	T 004 206	T 004 210	T 004 212	T 004 215	T 004 218	T 004 222	T 004 224	T 004 230	0.56
	Is-A	2x3.33	2x2.0	2x1.67	2x1.33	2x1.11	2x0.91	2X0.83	2x0.67	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T005-50VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

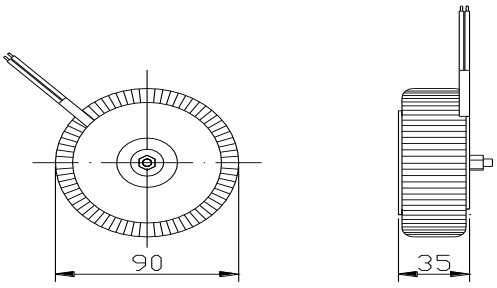
- Power 50VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
50VA	REF	T 005 106	T 005 110	T 005 112	T 005 115	T 005 118	T 005 122	T 005 124	T 005 130	T 005 135	T 005 140	T 005 160	T 005 180	0.67
	Is-A	8.33	5.0	4.16	3.44	2.77	2.27	2.08	1.66	1.42	1.25	0.83	0.62	

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	
50VA	REF	T 005 206	T 005 210	T 005 212	T 005 215	T 005 218	T 005 222	T 005 224	T 005 230	0.53
	Is-A	2x4.16	2x2.5	2x2.08	2x1.66	2x1.38	2x1.14	2x1.04	2x0.83	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T006-60VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

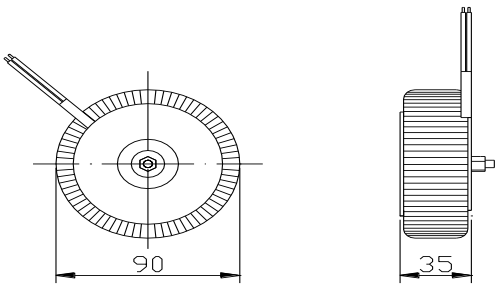
- Power 60VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
60VA	REF	T 006 106	T 006 110	T 006 112	T 006 115	T 006 118	T 006 122	T 006 124	T 006 130	T 006 135	T 006 140	T 006 160	T 006 180	0.75
	Is-A	10.0	6.0	5.0	4.0	3.33	2.72	2.5	2.0	1.71	1.5	1.0	0.75	

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	2X35V	
60VA	REF	T 006 206	T 006 210	T 006 212	T 006 215	T 006 218	T 006 222	T 006 224	T 006 230	T 006 230	0.75
	Is-A	2x5.0	2x3.0	2x2.5	2x2.2	2x1.67	2x1.36	1.25	2x1	2x0.86	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T008-80VA 40ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

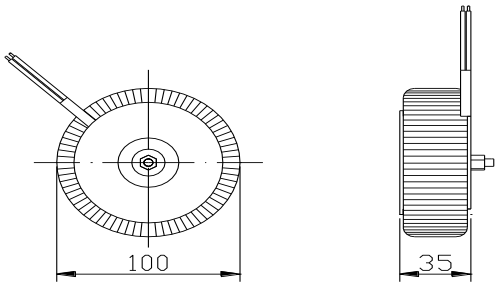
- Power 80VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
80VA	REF	T 008 106	T 008 110	T 008 112	T 008 115	T 008 118	T 008 122	T 008 124	T 008 130	T 008 135	T 008 140	T 008 160	T 008 180	0.98
	Is-A	13.3	8.0	6.66	5.33	4.44	3.63	3.33	2.66	2.28	2.0	1.33	1.0	

POWER	Series	PRIMARY 230V 50/60Hz									Wheight
		DUAL SECONDARY 2 X(--) V.									(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	2X35V	2X40V	
80VA	REF	T 008 206	T 008 210	T 008 212	T 008 215	T 008 218	T 008 222	T 008 224	T 008 230	T 008 235	T 008 240	0.98
	Is-A	2x6.66	2x4.0	2x3.33	2x2.67	2x2.2	2x1.8	2X1.66	2x1.33	2x1.14	2x1.0	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T012 120VA 40ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

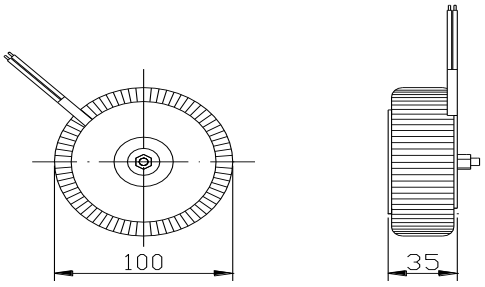
- Power 120VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
		6V	10V	12V	15V	18V	22V	24V	30V	35V	40V	60V	80V	
120VA	REF	T 012 106	T 012 110	T 012 112	T 012 115	T 012 118	T 012 122	T 012 124	T 012 130	T 012 135	T 012 140	T 012 160	T 012 180	1.37
	Is-A	20.0	12.0	10.0	8.0	6.66	5.45	5.0	4.0	3.42	3.0	2.0	1.5	

POWER	Series	PRIMARY 230V 50/60Hz									Wheight
		DUAL SECONDARY 2 X(--) V.									(kg)
		2x6V	2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	2X35V	2X40V	
120VA	REF	T 012 206	T 012 210	T 012 212	T 012 215	T 012 218	T 012 222	T 012 224	T 012 230	T 012 235	T 012 240	1.37
	Is-A	2x610.0	2x6.0	2x5.0	2x4.0	2x3.33	2x2,73	2X2.50	2x2.0	2x1.71	2x1.5	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T016 160VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

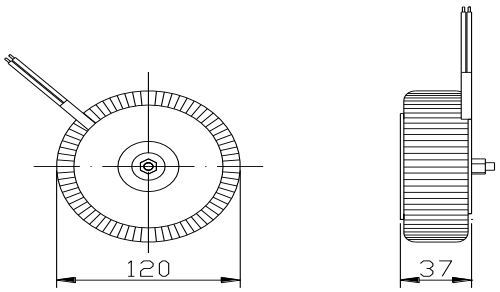
- Power 160VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz SINGLE SECONDARY (--) V.											
						18V	22V	24V	30V	35V	40V	60V	80V
160VA	REF					T 016 118	T 016 122	T 016 124	T 016 130	T 016 135	T 016 140	T 016 160	T 016 180
	Is-A					8.88	7.27	6.66	5.33	4.57	4.0	2.66	2.0

POWER	Series	PRIMARY 230V 50/60Hz DUAL SECONDARY 2 X(--) V.								Wheight (kg)
			2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	2X40V	
160VA	REF		T 016 210	T 016 212	T 016 215	T 016 218	T 016 222	T 016 224	T 016 230	T 016 240	1.68
	Is-A		2x8.0	2x26.67	2x5.33	2x4.44	2x3.33	2x2.67	2x2.3	2x2.2	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T020 200VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

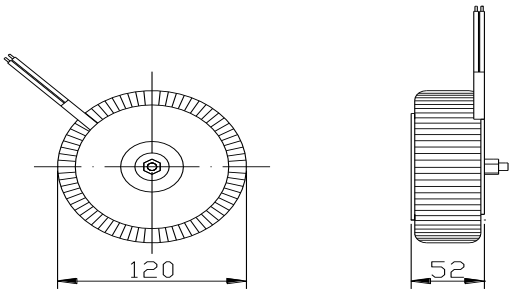
- Power 200VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz												Wheight
		SINGLE SECONDARY (--) V.												(kg)
						18V	22V	24V	30V	35V	40V	60V	80V	
200VA	REF					T 020 118	T 020 122	T 020 124	T 020 130	T 020 135	T 020 140	T 020 160	T 020 180	2.15
	Is-A					11.1	9.09	8.33	6.06	5.71	5	23.33	2.5	

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
			2x10V	2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	2X35V	
200VA	REF		T 020 210	T 020 212	T 020 215	T 020 218	T 020 222	T 020 224	T 020 230	T 020 230	2.15
	Is-A		2x10.0	2x8.33	2x6.67	2x5.56	2x4.55	2x3.33	2x2.86	2x2.5	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T025 250VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

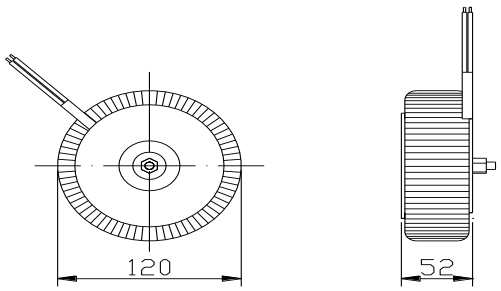
- Power 250VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz											Wheight
		SINGLE SECONDARY (--) V.											(kg)
						18V	22V	24V	30V	35V	40V	60V	80V	
250VA	REF					T 025 118	T 025 122	T 025 124	T 025 130	T 025 135	T 025 140	T 025 160	T 025 180	2.43
	Is-A					13.8	11.3	10.4	8.33	7.57	6.25	4.16	3.12	

POWER	Series	PRIMARY 230V 50/60Hz									Wheight
		DUAL SECONDARY 2 X(--) V.									(kg)
				2x12V	2x15V	2X18V	2X22V	2X24V	2X30V	2X35V	2X40V	
250VA	REF			T 025 212	T 025 215	T 025 218	T 025 222	T 025 224	T 025 230	T 025 235	T 025 240	2.43
	Is-A			2x10.4	2x8.33	2x6.95	2x5.68	2X5.20	2x4.17	2x3.57	2x3.13	

MECHANICAL INFORMATION



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TOROIDAL TRANSFORMERS
T033 330VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

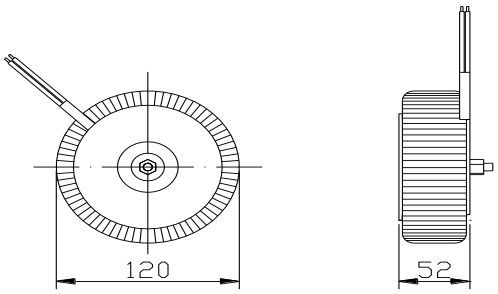
- Power 330VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz												Wheight
		SINGLE SECONDARY (--) V.												(kg)
						18V	22V	24V	30V	35V	40V	60V	80V	
330VA	REF					T 033 118	T 033 122	T 033 124	T 033 130	T 033 135	T 033 140	T 033 160	T 033 180	2.95
	Is-A					18.3	15	13.7	11	9.42	8.25	5.5	4.12	

POWER	Series	PRIMARY 230V 50/60Hz										Wheight
		DUAL SECONDARY 2 X(--) V.										(kg)
					2X15V	2X18V	2X22V	2X24V	2X30V	2X35V	2X40V	2X50V	
330VA	REF				T 033 215	T 033 218	T 033 222	T 033 224	T 033 230	T 033 235	T 033 240	T 033 250	2.95
	Is-A				2x11	2x9.16	2x7.5	2X6.87	2x5.5	2x4.71	2x4.12	2x3.30	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T050 500VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

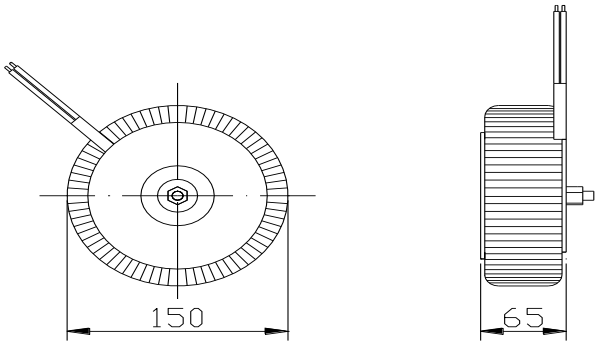
- Power 500VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		SINGLE SECONDARY (--) V.								(kg)
			30V	35V	40V	60V	80V	100V		
500VA	REF		T 050 130	T 050 135	T 050 140	T 050 160	T 050 180	T 050 500		4.23
	Is-A		16.6	14.2	12.5	8.33	6.25	5		

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
		2x15V	2x18V	2x22V	2x24V	2X30V	2X35V	2X40V	2X50V	2X55V
500VA	REF	T 050 215	T 050 218	T 050 222	T 050 224	T 050 230	T 050 235	T 050 240	T 050 250	T 050 255	4.23
	Is-A	2x16.6	2x13.8	2x11.36	2x10.4	2x8.33	2x7.14	2x6.25	2x5.0	2x4.54	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T075 750VA 40ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

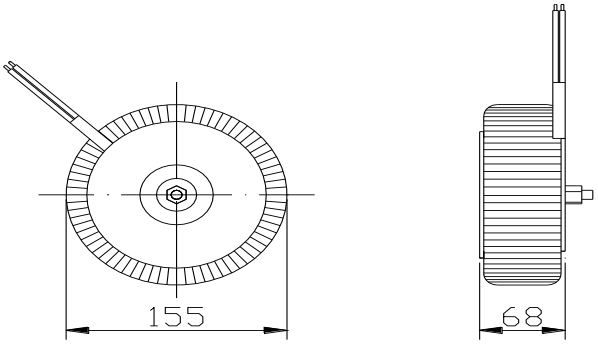
- Power 750VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		SINGLE SECONDARY (--) V.								(kg)
			40V	60V	80V	100V				
750VA	REF		T 075 140	T 075 160	T 075 180	T 075 500				5.75
	Is-A		18.7	12.5	9.37	7.5				

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
			2X24V	2X30V	2X35V	2X40V	2X50V	2X55V	2X60V	
750VA	REF		T 075 224	T 075 230	T 075 235	T 075 240	T 075 250	T 075 255	T 075 260	5.75
	Is-A		2x15.6	2x12.5	2x10.71	2x9.37	2x7.5	2x6.81	2x6.25	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T100 1000VA 40ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

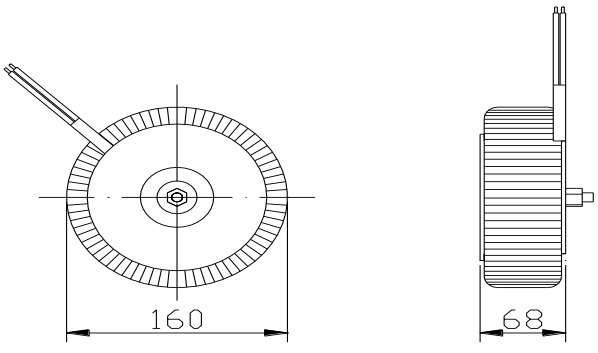
- Power 1000VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		SINGLE SECONDARY (--) V.								(kg)
			60V	80V	100V	120V				
1000VA	REF		T 100 160	T 100 180	T 100 500	T 100 520				6.92
	Is-A		16.6	12.5	10	8.33				

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
			2X30V	2X35V	2X40V	2X50V	2X55V	2X60V	2X80V	
1000VA	REF		T 100 230	T 100 235	T 100 240	T 100 250	T 100 255	T 100 260	T 100 280	6.92
	Is-A		2x16.6	2x14.28	2x12.5	2x10	2x9.09	2x8.33	2x6.25	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T150 1500VA 40ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

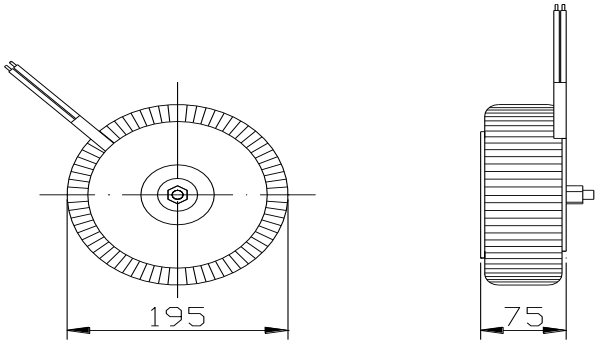
- Power 1500VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		SINGLE SECONDARY (--) V.								(kg)
			60V	80V	100V	120V				
1500VA	REF		T 150 160	T 150 180	T 150 500	T 150 520				10.6
	Is-A		25.0	18.7	15	12.5				

POWER	Series	PRIMARY 230V 50/60Hz								Wheight
		DUAL SECONDARY 2 X(--) V.								(kg)
			2X30V	2X35V	2X40V	2X50V	2X55V	2X60V	2X80V	
1500VA	REF		T 150 230	T 150 235	T 150 240	T 150 250	T 150 255	T 150 260	T 150 280	10.6
	Is-A		2x25	2x21.42	2x18.75	2x15	2x13.63	2x12.5	2x9.38	

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T200 2000VA 40ºC/B

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

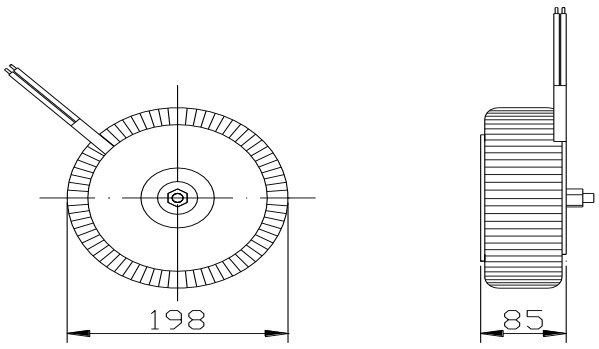
- Power 2000VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz	Wheight
		SINGLE SECONDARY (--) V.	(kg)
		Customized	
2000VA	REF		12.8
	Is-A		

POWER	Series	PRIMARY 230V 50/60Hz	Wheight
		DUAL SECONDARY 2 X(--) V.	(kg)
		Customized	
2000VA	REF		12.8
	Is-A		

MECHANICAL INFORMATION



dim are mm

TOROIDAL TRANSFORMERS
T300 3000VA 40ºC/B

According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

TECHNICAL SPECIFICATIONS

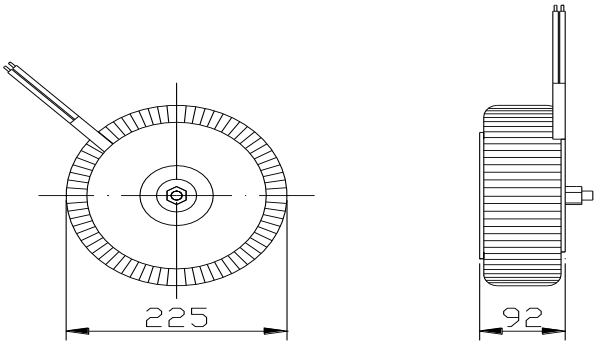
- Power 3000VA 40ºC/B
- Configuration of primary/secondary single, dual or multiple allow get any required
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 40ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 8VA to 20KVA.•
- Winding identification for colour references

ELECTRICAL CHARACTERISTICS

POWER	Series	PRIMARY 230V 50/60Hz	Wheight
		SINGLE SECONDARY (--) V.	(kg)
		Customized	
3000VA	REF		19.6
	Is-A		

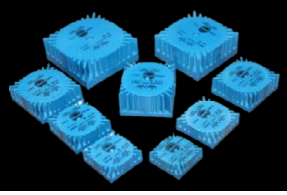
POWER	Series	PRIMARY 230V 50/60Hz	Wheight
		DUAL SECONDARY 2 X(--) V.	(kg)
		Customized	
3000VA	REF		19.6
	Is-A		

MECHANICAL INFORMATION



dim are mm

ENCAPSULATED TOROIDAL TRANSFORMERS
TE01 1.6VA 60ºC/B



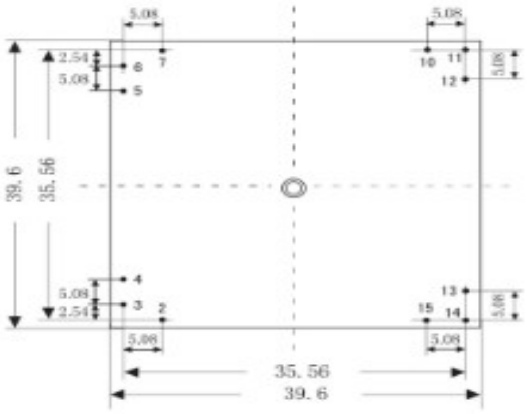
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External pr

TECHNICAL SPECIFICATIONS

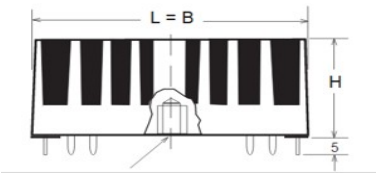
- Power 1.6VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /1,6VA
TE01 000	2 x 115 Vac	2 x 10,6V	2 x 7V	2 x 114 mA
TE01 001	2 x 115 Vac	2 x 13,6V	2 x 9V	2 x 88 mA
TE01 002	2 x 115 Vac	2 x 18,2V	2 x 12 V	2 x 66 mA
TE01 003	2 x 115 Vac	2 x 22,6V	2 x 15 V	2 x 53 mA
TE01 004	2 x 115 Vac	2 x 27,3V	2 x 18 V	2 x 44 mA
TE01 005	2 x 115 Vac	2 x 33,3V	2 x 22 V	2 x 36 mA

MECHANICAL INFORMATION

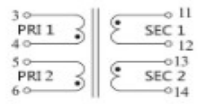


Bottom view



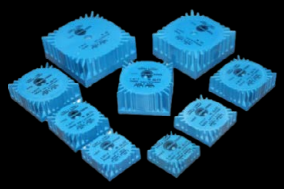
- L=B=39.6mm
- H=18.5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE03 3VA 60ºC/B



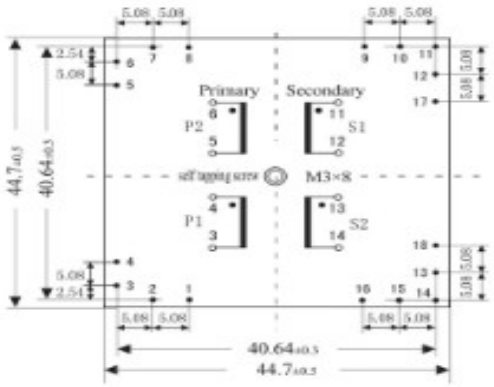
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External p

TECHNICAL SPECIFICATIONS

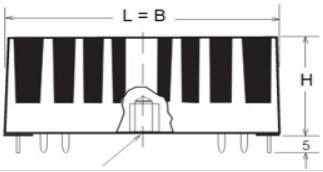
- Power 3VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /3VA
TE03 000	2 x 115 Vac	2 x 8,1V	2 x 7V	2 x 214mA
TE03 001	2 x 115 Vac	2 x 10,2V	2 x 9V	2 x 166mA
TE03 002	2 x 115 Vac	2 x 13,5V	2 x 12 V	2 x 125mA
TE03 003	2 x 115 Vac	2 x 17,0V	2 x 15 V	2 x 116mA
TE03 004	2 x 115 Vac	2 x 21,7V	2 x 18 V	2 x 100mA
TE03 005	2 x 115 Vac	2 x 24,7V	2 x 22 V	2 x 68mA

MECHANICAL INFORMATION

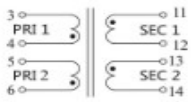


Bottom View



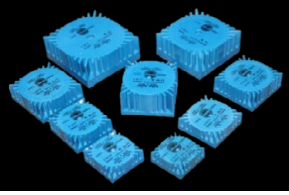
- L=B=44,7mm
- H=19,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE05 5VA 60ºC/B



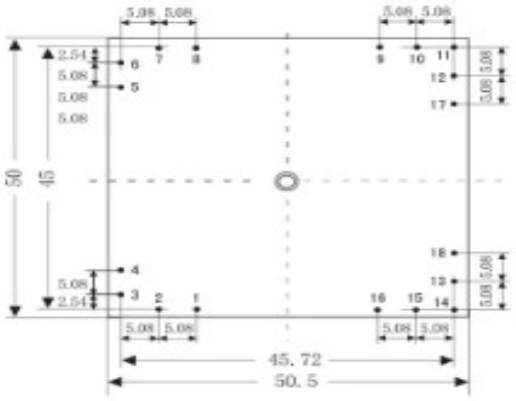
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External pr

TECHNICAL SPECIFICATIONS

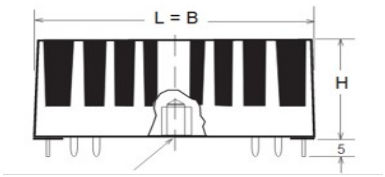
- Power 5VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA / 5VA
TE05 000	2 x 115 Vac	2 x 8,2V	2 x 7V	2 x 357 mA
TE05 001	2 x 115 Vac	2 x 12,0V	2 x 9V	2 x 277 mA
TE05 002	2 x 115 Vac	2 x 15,5V	2 x 12 V	2 x 208 mA
TE05 003	2 x 115 Vac	2 x 19,0V	2 x 15 V	2 x 166 mA
TE05 004	2 x 115 Vac	2 x 24,0V	2 x 18 V	2 x 138 mA
TE05 005	2 x 115 Vac	2 x 27,4V	2 x 22 V	2 x 113 mA

MECHANICAL INFORMATION

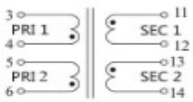


Bottom view



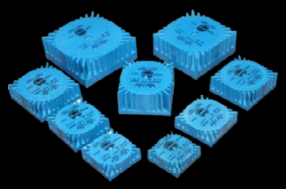
- L=B=50,5mm
- H=19,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE07 7VA 60ºC/B



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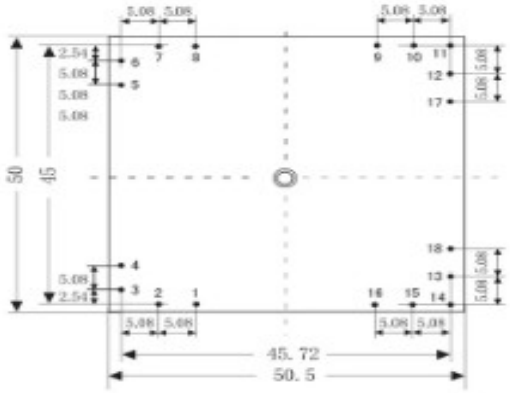
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External pr

TECHNICAL SPECIFICATIONS

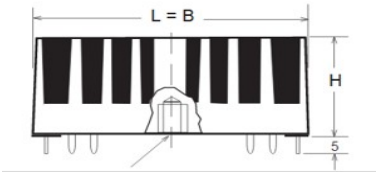
- Power 7VA 60°C/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60°C/104°F
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /7VA
TE07 000	2 x 115 Vac	2 x 9,2V	2 x 7V	2 x 500 mA
TE07 001	2 x 115 Vac	2 x 11,5V	2 x 9V	2 x 380 mA
TE07 002	2 x 115 Vac	2 x 15,6V	2 x 12 V	2 x 291 mA
TE07 003	2 x 115 Vac	2 x 19,2V	2 x 15 V	2 x 233 mA
TE07 004	2 x 115 Vac	2 x 23,6V	2 x 18 V	2 x 194 mA
TE07 005	2 x 115 Vac	2 x 28,3V	2 x 22 V	2 x 159 mA

MECHANICAL INFORMATION

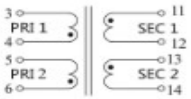


Bottom view



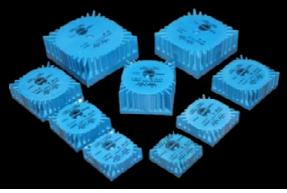
- L=B=50,0mm
- H=23,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE10 10VA 60ºC/B



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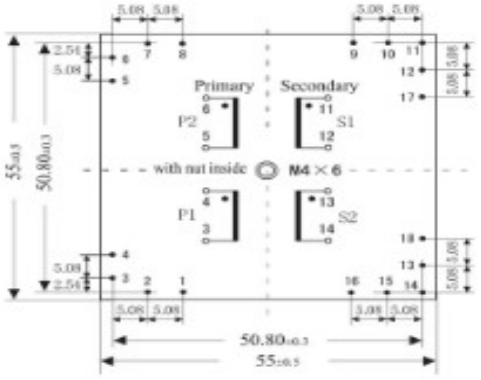
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External p

TECHNICAL SPECIFICATIONS

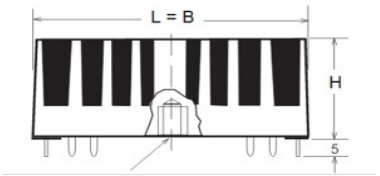
- Power 10VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /10VA
TE10 000	2 x 115 Vac	2 x 8,3V	2 x 7V	2 x 714 mA
TE10 001	2 x 115 Vac	2 x 10,8V	2 x 9V	2 x 555 mA
TE10 002	2 x 115 Vac	2 x 14,4V	2 x 12 V	2 x 416 mA
TE10 003	2 x 115 Vac	2 x 18,0V	2 x 15 V	2 x 333 mA
TE10 004	2 x 115 Vac	2 x 21,7V	2 x 18 V	2 x 277 mA
TE10 005	2 x 115 Vac	2 x 26,3V	2 x 22 V	2 x 227 mA
TE10 010	2 x 115 Vac	1 x 22,5V	1 x 19 V	526 mA

MECHANICAL INFORMATION

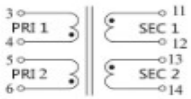


Bottom View



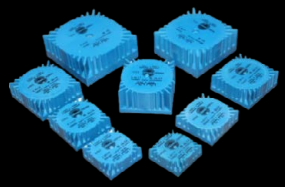
- L=B=55,0mm
- H=26,0mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE15 15VA 60ºC/B



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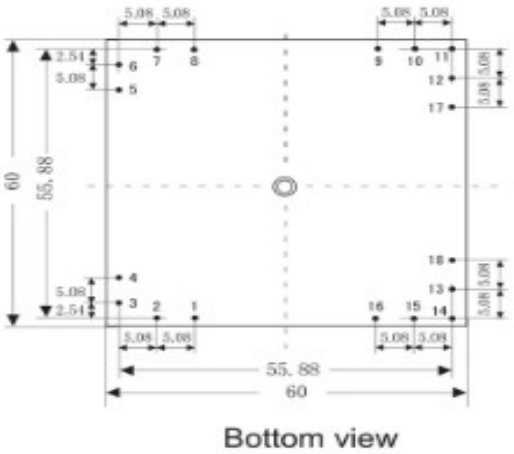
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External p

TECHNICAL SPECIFICATIONS

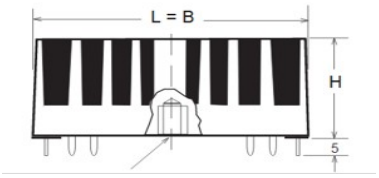
- Power 15VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /15VA
TE15 000	2 x 115 Vac	2 x 8,5V	2 x 7V	2 x 1,07 A
TE15 001	2 x 115 Vac	2 x 10,8V	2 x 9V	2 x 833 mA
TE15 002	2 x 115 Vac	2 x 14,7V	2 x 12 V	2 x 625 mA
TE15 003	2 x 115 Vac	2 x 18,5V	2 x 15 V	2 x 500 mA
TE15 004	2 x 115 Vac	2 x 22,2V	2 x 18 V	2 x 416mA
TE15 005	2 x 115 Vac	2 x 27,2V	2 x 22 V	2 x 340 mA

MECHANICAL INFORMATION

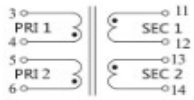


Bottom view



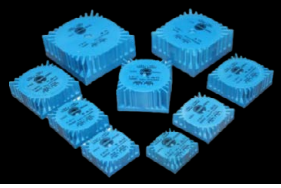
- L=B=60,0mm
- H=26,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE20 20VA 60ºC/B



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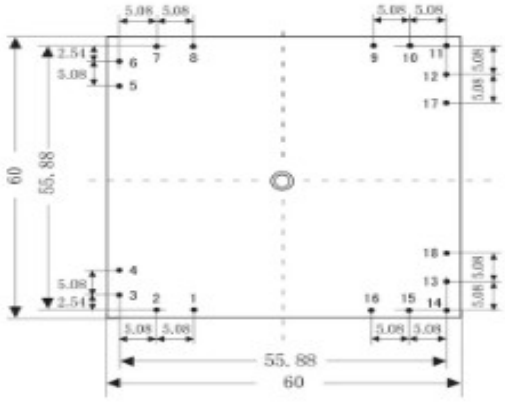
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External pr

TECHNICAL SPECIFICATIONS

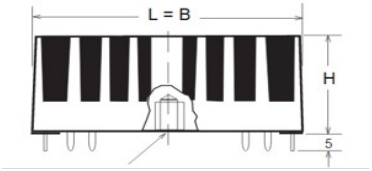
- Power 20VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /20VA
TE20 000	2 x 115 Vac	2 x 8,4V	2 x 7V	2 x 1,42 A
TE20 001	2 x 115 Vac	2 x 10,7V	2 x 9V	2 x 1,11 A
TE20 002	2 x 115 Vac	2 x 14,3V	2 x 12 V	2 x 830 mA
TE20 003	2 x 115 Vac	2 x 17,8V	2 x 15 V	2 x 666 mA
TE20 004	2 x 115 Vac	2 x 21,4V	2 x 18 V	2 x 555mA
TE20 005	2 x 115 Vac	2 x 26,2V	2 x 22 V	2 x 454 mA

MECHANICAL INFORMATION

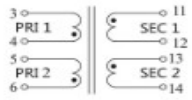


Bottom view



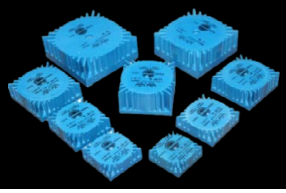
- L=B=60,0mm
- H=31,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE25 25VA 60ºC/B



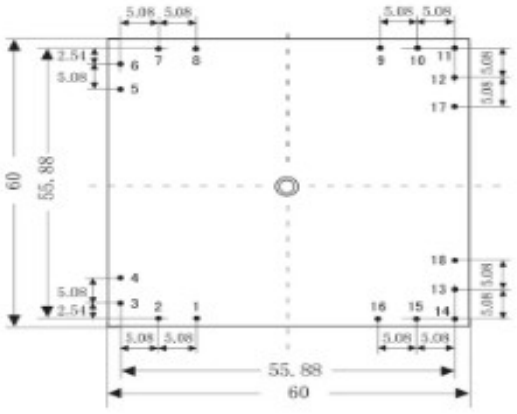
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External p

TECHNICAL SPECIFICATIONS

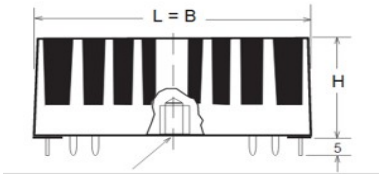
- Power 25VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /25VA
TE25 000	2 x 115 Vac	2 x 8,4V	2 x 7V	2 x 1,78 A
TE25 001	2 x 115 Vac	2 x 10,5V	2 x 9V	2 x 1,38 A
TE25 002	2 x 115 Vac	2 x 14,3V	2 x 12 V	2 x 1,04 A
TE25 003	2 x 115 Vac	2 x 17,7V	2 x 15 V	2 x 833 mA
TE25 004	2 x 115 Vac	2 x 21,5V	2 x 18 V	2 x 694 mA
TE25 005	2 x 115 Vac	2 x 26,0V	2 x 22 V	2 x 568 mA

MECHANICAL INFORMATION

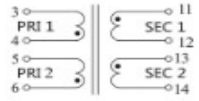


Bottom view



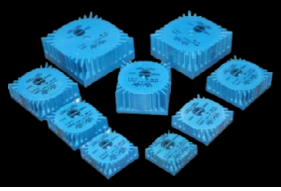
- L=B=60,0mm
- H=38,0mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE35 35VA 60ºC/B



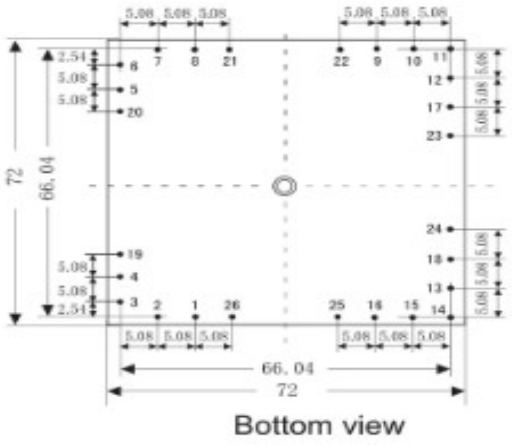
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External pr

TECHNICAL SPECIFICATIONS

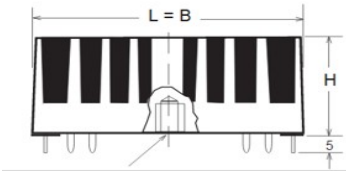
- Power 35VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /35VA
TE35 000	2 x 115 Vac	2 x 8,1V	2 x 7V	2 x 2,5 A
TE35 001	2 x 115 Vac	2 x 10,2V	2 x 9V	2 x 1,94 A
TE35 002	2 x 115 Vac	2 x 13,5V	2 x 12 V	2 x 1,45 A
TE35 003	2 x 115 Vac	2 x 17,0V	2 x 15 V	2 x 1,16 A
TE35 004	2 x 115 Vac	2 x 20,5V	2 x 18 V	2 x 972mA
TE35 005	2 x 115 Vac	2 x 24,7V	2 x 22 V	2 x 795 mA

MECHANICAL INFORMATION

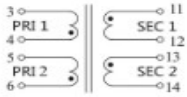


Bottom view



- L=B=72,0mm
- H=37,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

ENCAPSULATED TOROIDAL TRANSFORMERS
TE40 40VA 60ºC/B

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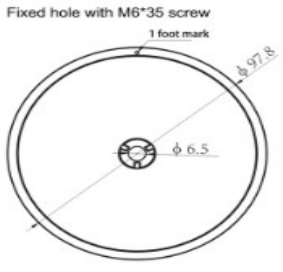
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External pr

TECHNICAL SPECIFICATIONS

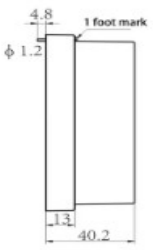
- Power 40VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /40VA
TE40 000	2 x 115 Vac	2 x 8,1V	2 x 7V	2 x 2,85 A
TE40 001	2 x 115 Vac	2 x 10,5V	2 x 9V	2 x 2,2 A
TE40 002	2 x 115 Vac	2 x 14,0V	2 x 12 V	2 x 1,66 A
TE40 003	2 x 115 Vac	2 x 17,4V	2 x 15 V	2 x 1,33 A
TE40 004	2 x 115 Vac	2 x 21,0V	2 x 18 V	2 x 1,16 A
TE40 005	2 x 115 Vac	2 x 25,6V	2 x 22 V	2 x 909 mA

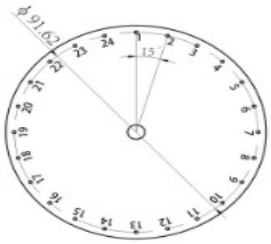
MECHANICAL INFORMATION



Front view



Side view



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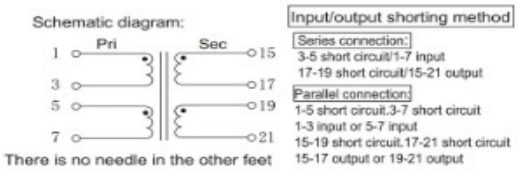
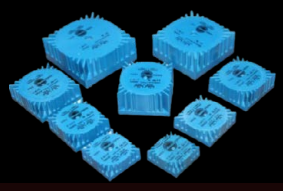


ENCAPSULATED TOROIDAL TRANSFORMERS
TE50 50VA 60ºC/B



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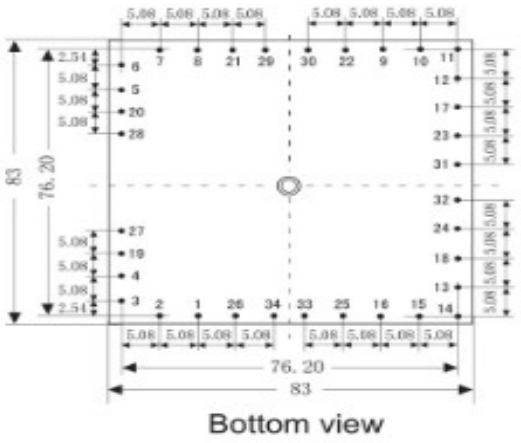
g EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External p

TECHNICAL SPECIFICATIONS

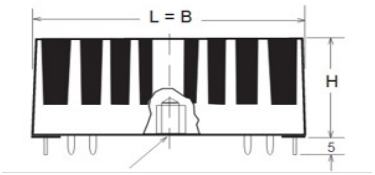
- Power 50VA 60ºC/B
- Configuration of primary/secondary dual or multiple allow get any required.
- The toroidal transformers have a lot more advantages than the conventional and encapsulated ones
- Their use is highly recommended due to their improvements in radiation,
- Designed and manufactured according regulations EN61558-1
- Double isolation copper wire
- Ambient temperature of 60ºC/104ºF
- Magnetic core of grain-oriented silicon steel
- Superior isolation at 5M at 500 Vdc
- Primary Dielectric strength / superior secondary at 3 KV , 1min.
- The wide range of HR toroidal transformers goes from 1.6VA to 50VA.•

MODEL	Vin ac Pins 6/5 & 4/3	V sec. Open Pins 11/12 & 13/14	V sec. Full Load	Current mA /50VA
TE50 000	2 x 115 Vac	2 x 8,1V	2 x 7V	2 x 3,57 A
TE50 001	2 x 115 Vac	2 x 10,4V	2 x 9V	2 x 2,77 A
TE50 002	2 x 115 Vac	2 x 13,8V	2 x 12 V	2 x 2,08 A
TE50 003	2 x 115 Vac	2 x 17,3V	2 x 15 V	2 x 1,66 A
TE50 004	2 x 115 Vac	2 x 20,7V	2 x 18 V	2 x 1,38 A
TE50 005	2 x 115 Vac	2 x 25,4V	2 x 22 V	2 x 1,13 A

MECHANICAL INFORMATION

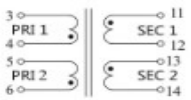


Bottom view



- L=B=83,0mm
- H=37,5mm

Schematic Diagram:



Series connection: 4-5 short connection, 3-6 input
Parallel connection: 4-6 short connection, 3-5 input

Current Transformer for measurement.
HR 1700 -1701 Series.

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

Aplications:

- Sense up 50Arms continosly.
- Mains working frequency 50/60Hz.
- Secondry fully isolated to 4000Vrms.
- Typical working temperature : -25˚C to +85˚C
- Fully encapsulated.
- Ideal for branch circuit overload and loaddrop or shutdown.

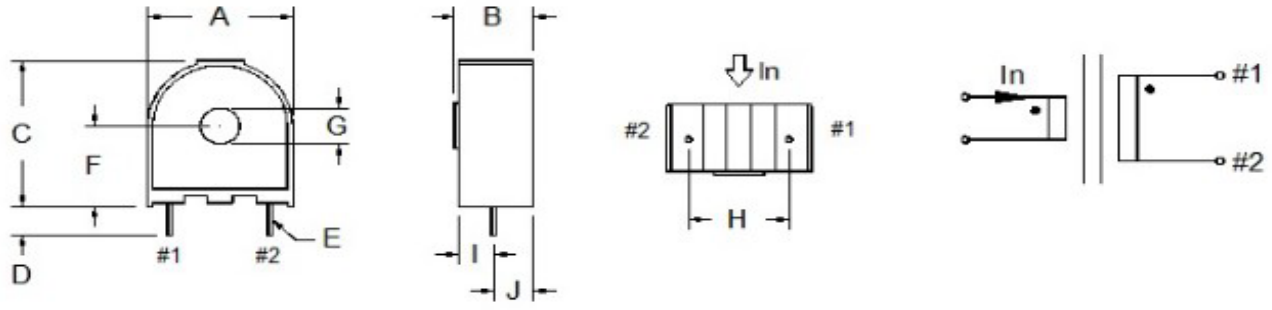
Product Identification

MODEL	A	B	C	D	E	F	G	H	I	J
HR 1700 001	18.5	10.0	20.5	4.0	0.6	11.3	5.0	12.7	4.5	5.0
HR 1700 002	22.5	13.0	25.0	4.0	0.6	13.8	6.0	12.7	6.0	6.5
HR 1700 003	22.5	14.5	25.4	4.0	0.6	14.0	6.0	12.7	7.0	7.0
HR 1701 001	18.5	18.5	13.5	4.0	0.6	0.8	5.0	7.5	7.5	15.5
HR 1701 002	24.0	24.0	17.5	4.0	0.6	2.0	9.2	9.3	9.2	18.6
HR 1701 003	24.0	24.0	19.5	4.0	0.6	2.0	9.2	9.3	9.2	18.6

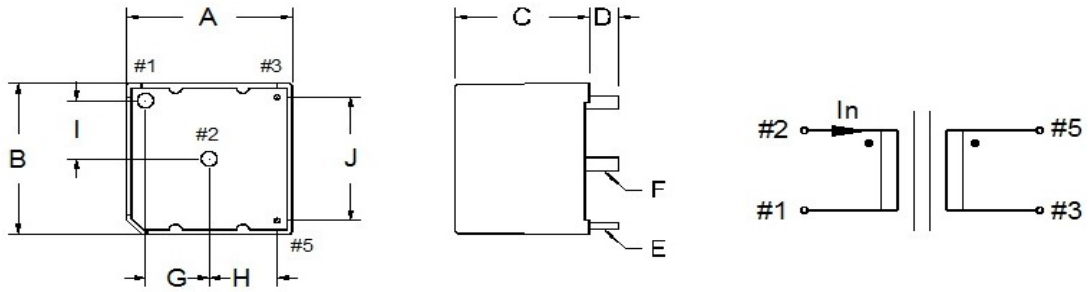
MODEL		Ip(A)	Ratio n:1	Freq (Hz)	Is(mA)	Out (mV)		Dielecric Strengh Vrms
HR 1700 001		12	1000	50/60	12	85		4000
HR 1700 002		50	1000	50/60	50	2.5		4000
HR 1700 003		50	1000	50/60	50	200		4000
HR 1701 001		12	1000	50/60	12	85		4000
HR 1701 002		50	1000	50/60	50	2.5		4000
HR 1701 003		50	1000	50/60	50	200		4000

MECHANICAL INFORMATION

- Fig. 1
- Custom made are available upon request.



- Fig. 2



Current Transformer for measurement.
HR 1702 Series

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According EN61558, EN60590, EN60472, UL506, UL1585, UL5085

Aplications:

- Sense up 50Arms continosly.
- Mains working frequency 50/60Hz.
- Secondry fully isolated to 4000Vrms.
- Typical working temperature : -25˚C to +85˚C
- Fully encapsulated.
- Ideal for branch circuit overload and loaddrop or shutdown.
- Custom made are available upon request.

Product Identification

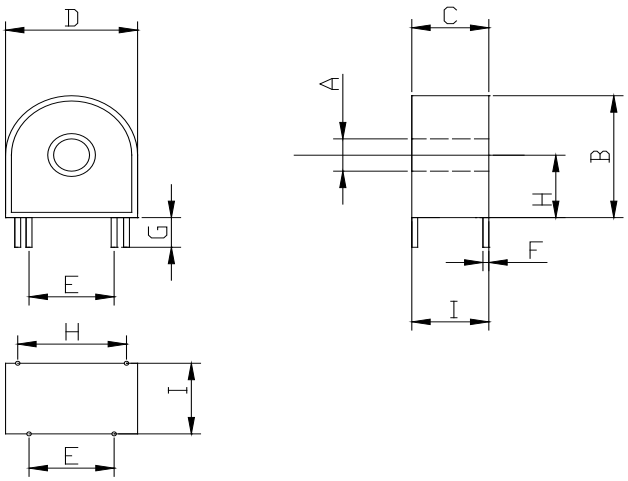
MODEL	A	B	C	D	E	F	G	H	I	J
HR 1702 001	8.5	28.5	17.0	26.5	15.0	1.0	6.0	18.5	15.1	

ELECTRICAL INFORMATION

MODEL		Ip(A)	Ratio n:1	Freq (Hz)	Is(mA)	Out (mV)		Dielecric Strengh Vrms
HR 1702 001		100A	2500	50/60	40mA	100 mV		4000

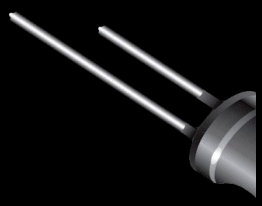
MECHANICAL INFORMATION

- Fig. 1



RADIAL INDUCTORS 5x6.5

HR 1550 Series



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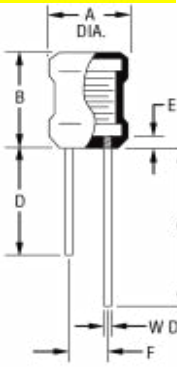
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions

- All measures are in mm.



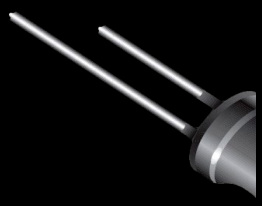
MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1550-xxxx	5.0±0.5	6,5±0.5	28,0±5	20,0±5	2.5 + 0	2,0±0.5	0.50	1,0µH -2200µH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (mA) Max.
HR 1550-1R0	1.0± 20%	105.5	0.10	60	1030
HR 1550-2R2	2.2± 20%	65.0	0.24	60	830
HR 1550-4R7	4.7± 20%	40.0	0.35	60	670
HR 1550-10R	10.0± 20%	20.0	0.45	60	550
HR 1550-47R	47.0± 20%	7.0	1.0	50	370
HR 1550-101	100.0± 20%	5.0	1.70	50	305
HR 1550-221	220.0± 20%	3.8	2.5	45	200
HR 1550-471	471.0± 20%	2.8	6.50	55	140
HR 1550-102	1000.0± 20%	1.8	11.50	55	100
HR 1550-222	2222.0± 20%	1.0	20.0	50	85

- Other values upon request

RADIAL INDUCTORS 6.7X10

HR 1551 Series



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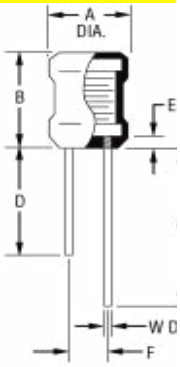
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions



- All measures are in mm.

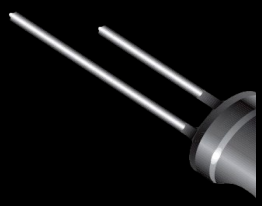
MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1551-xxxx	6.7±0.5	10.0±1	25,0 ± 5	18,0±5	2.5 + 0	3,0±0.5	0.65	47 µH -47 mH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (mA) Max.
HR 1551-47R	47± 10%	6.0	0.40	30	450
HR 1551-101	100± 10%	4.20	0.60	45	320
HR 1551-221	220± 10%	3.0	1.20	45	240
HR 1551-471	470± 10%	2.2	2.0	45	160
HR 1551-102	1000± 10%	1.40	3.90	45	120
HR 1551-222	2200± 10%	0.75	8.00	60	80
HR 1551-472	4700± 10%	0.50	16.00	60	50
HR 1551-103	10000± 10%	0.36	39.00	60	34
HR 1551-223	22000± 10%	0.24	92.00	60	25
HR 1551-473	47000± 10%	0.10	162.00	60	16

- Other values upon request

RADIAL INDUCTORS 8.7x12

HR 1552 Series



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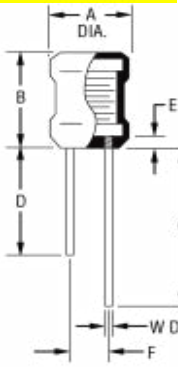
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions



- All measures are in mm.

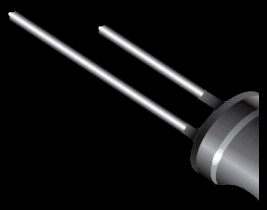
MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1552-xxxx	8.7±0.5	12.0± 1	18,0±5	20,0±5	2.5 + 0	5,0±0.5	0.65	100 µH -82mH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (A) Max.
HR 1552-101	100± 10%	3.20	0.85	45	2
HR 1552-221	220± 10%	2.10	1.30	40	1.45
HR 1552-471	470± 10%	1.55	2.30	35	1.00
HR 1552-102	1000± 10%	0.90	4.10	50	0.6
HR 1552-222	2200± 10%	0.55	8.40	50	0.27
HR 1552-472	4700± 10%	0.38	14.00	45	0.195
HR 1552-103	10000± 10%	0.30	32.00	50	0.145
HR 1552-223	22000± 10%	0.22	58.00	45	0.095
HR 1552-473	47000± 10%	0.16	150.00	35	0.065
HR 1552-104	100000± 10%	0.10	300.00	30	0.040

- Other values upon request

RADIAL INDUCTORS 6.7x10.0

HR 1553 Series



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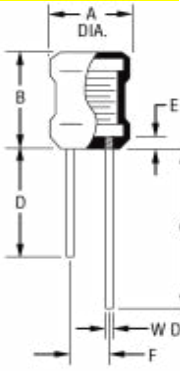
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions

- All measures are in mm.



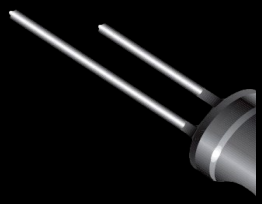
MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1553-xxxx	6.7 ±0.5	10.0±0.5	25,0±5	18,0±5	2.5 + 0	3,0±0.5	0.65	10µH -560µH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (mA) Max.
HR 1553-10R	10± 10%	16.0	0.07	20	1100
HR 1553-15R	15± 10%	10.0	0.09	20	900
HR 1553-22R	22± 10%	9.0	0.12	20	700
HR 1553-47R	47± 10%	6.0	0.18	20	450
HR 1553-101	100± 10%	4.0	0.40	20	320
HR 1553-105	150± 10%	3.5	0.50	20	280
HR 1553-221	220± 10%	3.0	0.90	20	240
HR 1553-331	330± 10%	2.5	1.10	20	200
HR 1553-471	470± 10%	2.0	1.50	20	160

- Other values upon request

RADIAL INDUCTORS 9.0x12.2

HR 1554 Series



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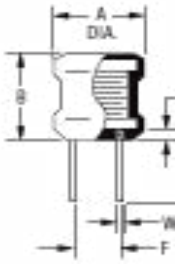
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions



- All measures are in mm.

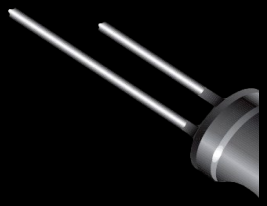
MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1554-xxxx	8.7±0.5	10.0±0.5	5,0±1		2.5 + 0	5.0±0.5	0.65	1µH -47mH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (A) Max.
HR 1554-1R0	1.0± 20%	150	0.013	20	10.0
HR 1554-10R	10.0± 10%	14.0	0.045	50	3.40
HR 1554-47R	47.0± 10%	6.5	0.160	30	1.77
HR 1554-101	100.0± 10%	3.70	0.280	20	1.40
HR 1554-471	470.0± 10%	1.90	1 100	20	0.68
HR 1554-102	1000.0± 10%	1.30	29.00	20	0.51
HR 1554-222	2200.0± 10%	0.80	5 900	15	0.36
HR 1554-472	4700.0± 10%	.50	13.60	15	0.24
HR 1554-103	10000.0± 10%	0.32	25.10	15	0.17
HR 1554-223	22000.0± 10%	0.21	59.30	15	0.11
HR 1554-473	47000.0± 10%	0.12	137.80	15	0.08

- Other values upon request

RADIAL INDUCTORS 8.7x12.0

HR 1555 Series



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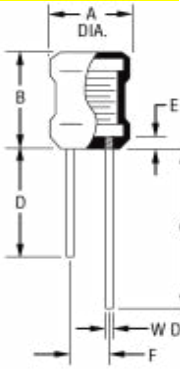
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions

- All measures are in mm.



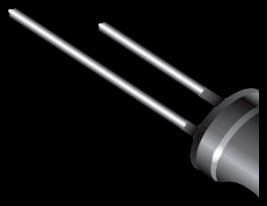
MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1555-xxxx	8.7±0.5	12.0±0.5	25,0±5	18,0±5	2.5 + 0	5,0±0.8	0.65	3.3µH -1000µH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (A) Max.
HR 1555-3R3	3.3± 20%	70.0	0.027	20	3.6
HR 1555-10R	10.0± 10%	20.0	0.048	50	2.7
HR 1555-22R	22.0± 10%	9.0	0.090	40	1.9
HR 1555-47R	47.0± 10%	6.0	0.140	30	1.56
HR 1555-101	100.0± 10%	3.5	0.280	30	1.1
HR 1555-151	150.0± 10%	2.8	0.370	30	1.0
HR 1555-221	220.0± 10%	2.4	0.600	20	0.8
HR 1555-471	470.0± 10%	1.8	1 300	20	0.56
HR 1555-102	1000.0± 10%	1.3	2 100	20	0.42

- Other values upon request

RADIAL INDUCTORS 11.7x12.0

HR 1556 Series



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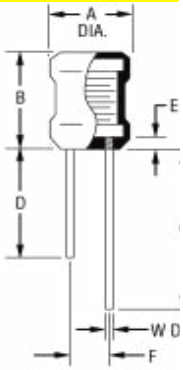
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions

- Other values upon request

- All measures are in mm.



MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1556-xxxx	11.7±0.5	12.0±0.5	15,0±5	18,0±3	2.5 + 0	9,0±0.5	0.80	68µH -15mH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (A) Max.
HR 1556-68R	68.0± 10%	6.7	0.092	80	1 200
HR 1556-101	100.0± 10%	5.40	0.120	70	1 000
HR 1556-221	220.0± 10%	3.40	0.250	40	0.680
HR 1556-471	470.0± 10%	2.30	0.510	30	0.460
HR 1556-102	1000.0± 10%	1.60	1 300	40	0.310
HR 1556-222	2200.0± 10%	1.10	2 900	60	0.210
HR 1556-472	4700.0± 10%	0.76	5 600	50	0.140
HR 1556-103	10000.0± 10%	0.53	12 000	80	0.100
HR 1556-153	15000.0± 10%	0.4	15 000	70	0.082

RADIAL INDUCTORS 11.7x12.0

HR 1527 Series

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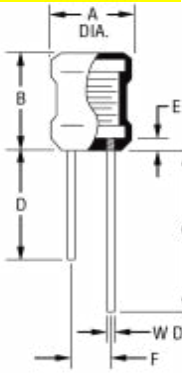
Aplications:

- Power Suppies.
- DC/DC Converters.
- General Use.
- High rted for high current circuits.
- Operating temperature: -40ºC to +125ºC
- All parts meet ROHS compliance

Shape and Dimensions

- All measures are in mm.

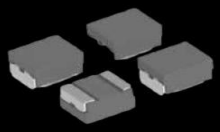


MODEL	A	B	C	D	E	F	W(DIA)	Inductance Range
HR 1527-xxxx	11.7±0.5	12.0±0.5	15,0±5		2.5 + 0	9,0±0.5	0.80	3.3µH -47µH

Part Number	Inductance (µH)	SFR (MHz) Min.	RDC (Ω) Max.	Q	IDC (A) Max.
HR 1527-3R3	3.3± 20%	59.00	0.008	90	5 600
HR 1527-4R7	4.7± 20%	45.00	0.009	100	4 700
HR 1527-6R8	6.8± 20%	34.00	0.012	80	3 900
HR 1527-10R	10.0± 20%	26.00	0.015	140	3 200
HR 1527-15R	15.0± 20%	19.00	0.019	120	2 600
HR 1527-22R	22.0± 20%	14.00	0.026	110	2 200
HR 1527-33R	33.0± 20%	10.00	0.045	100	1 800
HR 1527-47R	47.0± 20%	8.30	0.056	90	1 500

- Other values upon request

HIGH POWER INDUCTOR

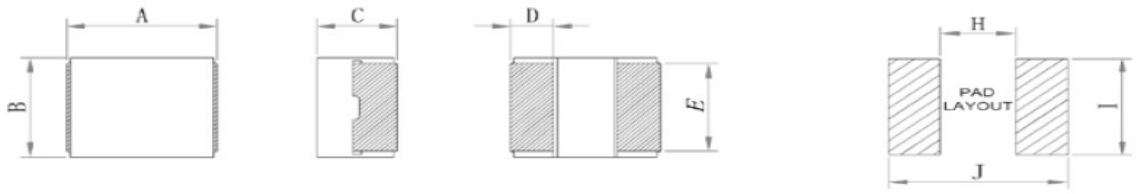


HR 1570- 201610/201612/252010/252012 Series

Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	H	I	J
HR 1570 201610	2.0±0.2	1.6±0.2	1.0 MAX	0.5±0.2	1.44	0.9	1.6	2.3
HR 1570 261612	2.0±0.2	1.6±0.2	1.2 MAX	0.5±0.2	1.44	0.9	1.6	2.3
HR 1570 252010	2.5±0.2	2.0±0.2	1.0 MAX	0.6±0.2	1.84	1.2	2.0	2.8
HR 1570 252012	2.5±0.2	2.0±0.2	1.2 MAX	0.6±0.2	1.84	1.2	2.0	2.8

- All measures are in mm.

Product Identification

HR 1570	.201610	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: High Power Inductors.
- •(2) Dimensions:2016 10 is size.
- •(3) Inductance:1R0 for 1.0uH.
- •(4) Inductance tolerance:M:±20%.

HR 1570 201610/201612/252010/252012 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)		Irms(a)	
PART No.	L (uH)	Typ.	Max.	Typ.	Max.	Typ.	Max.
HR 1570 201610-R24	0.24	20.0	24.0	4.8	4.3	4.0	3.5
HR 1570201610-R33	0.33	29.0	36.0	4.2	3.7	3.4	3.0
HR 1570 201610-R47	0.47	36.0	46.0	3.56	3.2	2.7	2.43
HR 1570 201610-R68	0.68	55.0	66.0	3.2	2.9	2.4	2.2
HR 1570 201610-1R0	1.0	63.0	78.0	2.7	2.2	2.1	1.9
HR 1570 201610-1R5	1.5	105.0	137.0	2.2	2.0	1.8	1.6
HR 1570 201610-2R2	2.2	174.0	197.0	1.9	1.6	1.6	1.4
HR 1570 201612-R24	0.24	17.0	21.0	5.3	4.8	4.5	4.0
HR 1570 201612-R33	0.33	27.0	33.0	4.6	4.0	3.9	3.5
HR 1570 201612-R47	0.47	30.0	36.0	3.9	3.5	3.5	3.1
HR 1570 201612-R68	0.68	46.0	55.0	3.5	3.0	2.8	2.6
HR 1570 201612-1R0	1.0	60.0	72.0	2.9	2.5	2.4	2.2
HR 1570 201612-1R5	1.5	86.0	112.0	2.4	2.2	1.9	1.7
HR 1570 201612-2R2	2.2	146.0	186.0	2.0	1.65	1.5	1.35
HR 1570 252010-R22	0.22	15.0	18.0	6.6	6.0	5.8	5.22
HR 1570 252010-R33	0.33	18.0	26.0	5.3	4.77	4.4	4.0
HR 1570 252010-R47	0.47	25.0	41.0	4.5	4.05	3.5	3.1
HR 1570 252010-R68	0.68	40.0	48.0	4.3	3.6	3.3	3.0
HR 1570 252010-1R0	1.0	49.0	65.0	3.55	3.2	2.8	2.52
HR 1570 252010-1R5	1.5	76.0	95.0	2.9	2.4	2.2	1.98
HR 1570 252010-2R2	2.2	110.0	121.0	2.4	2.1	1.8	1.62
HR 1570 252012-R22	0.22	12.0	15.0	8.5	7.0	7.3	6.2
HR 1570 252012-R33	0.33	15.0	17.0	5.8	5.22	5.5	4.95
HR 1570 252012-R47	0.47	23.0	28.0	5.0	4.5	4.5	4.0
HR 1570 252012-R68	0.68	34.0	40.0	4.3	3.7	3.8	3.3
HR 1570 252012-1R0	1.0	42.0	55.0	3.8	3.3	3.1	2.7
HR 1570 252012-1R5	1.5	61.0	70.0	2.9	2.61	2.7	2.43
HR 1570 252012-2R2	2.2	92.0	105.0	2.5	2.2	2.3	2.0

- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

SMD HIGH POWER INDUCTOR

HR 1571 0310/0312/0315/0320 Series

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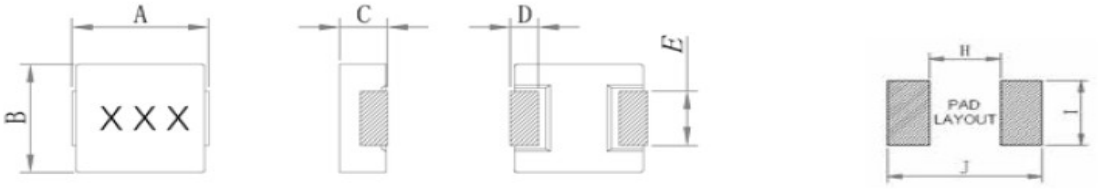
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	H	I	J
HR1571 0310	3.4±0.2	3.0±0.2	0.8±0.2	0.7±0.3	1.3±0.2	1.2	2.0	4.2
HR1571 0312	3.4±0.2	3.0±0.2	1.0±0.2	0.7±0.3	1.3±0.2	1.2	2.0	4.2
HR1571 0315	3.4±0.2	3.0±0.2	1.3±0.2	0.7±0.3	1.3±0.2	1.2	2.0	4.2
HR1571 0320	3.4±0.2	3.0±0.2	1.8±0.2	0.7±0.3	1.3±0.2	1.2	2.0	4.2

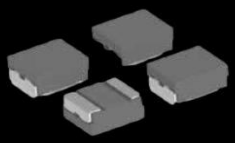
- All measures are in mm.

- Low loss realized with low DCR.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

Product Identification

HR 1571	0310	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: High Power Inductors.
- •(2) Dimensions: 0310 is size.
- •(3) Inductance:1R0 for 1.0uH.
- •(4) Inductance tolerance:M:±20%.



HR 1571 0310/0312/0315/0302 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)		Irms(a)	
PART No.	L (uH)	Typ.	Max.	Typ.	Max.	Typ.	Max.
HR 1571 0310-R15	0.15	9.3	12	12	10	8.0	7.0
HR 1571 0310-R22	0.22	11.0	14	11	9.0	7.0	5.5
HR 1571 0310-R33	0.33	15.0	18	10	8.0	6.0	4.0
HR 1571 0310-R47	0.47	22.0	25	7.0	6.0	4.0	3.0
HR 1571 0310-1R0	1.0	40.0	48	5.0	4.0	2.8	2.4
HR 1571 0310-1R5	1.5	54.0	65	4.0	3.5	2.4	2.0
HR 1571 0310-2R2	2.2	87.0	100	3.5	3.0	1.8	1.5
HR 1571 0310-100	10.0	380	430	1.4	1.2	0.9	0.7
HR 1571 0312-R12	0.12	4.3	5.5	17	14	11	9.0
HR 1571 0312-R22	0.22	9.6	12	12	11	9.0	7.5
HR 1571 0312-R33	0.33	15.8	18	9.6	8.6	7.2	5.2
HR 1571 0312-R47	0.47	22.0	25	8.2	7.2	6.2	4.2
HR 1571 0312-1R0	1.0	39.2	45	5.8	5.0	4.0	3.0
HR 1571 0312-2R2	2.2	88.0	102	4.0	3.5	2.6	2.1
HR 1571 0312-3R3	10.0	136	155	3.2	2.8	1.8	1.4
HR 1571 0312-4R7	10.0	160	190	2.0	1.8	1.4	0.9
HR 1571 0312-100	10.0	313	360	1.5	1.2	1.0	0.8
HR 1571 0315-R22	0.22	10.7	13	14	12	11	9.0
HR 1571 0315-R33	0.33	15.0	18	13	11.5	8.5	6.5
HR 1571 0315-R47	0.47	19.0	22	9.0	7.5	7.0	5.0
HR 1571 0315-1R0	1.0	36.0	42	6.2	5.2	4.5	3.5
HR 1571 0315-1R5	1.5	50.0	60	5.8	4.8	3.8	3.0
HR 1571 0315-2R2	2.2	72.0	85	5.0	4.0	3.2	2.6
HR 1571 0315-3R3	3.3	92.0	110	3.5	3.0	2.2	1.5
HR 1571 0315-100	10.0	313	360	2.0	1.5	1.2	0.9
HR 1571 0320-R22	0.22	8.0	10	16	13	10	8.0
HR 1571 0320-R33	0.33	12.0	15	14	12	9.0	7.0
HR 1571 0320-R47	0.47	15.0	18	12	10	8.0	6.5
HR 1571 0320-R68	0.68	22.0	26	10	8.5	7.0	5.5
HR 1571 0320-1R0	1.0	25.0	30	8.0	6.5	5.0	4.0
HR 1571 0320-1R5	1.5	34.0	39	6.0	5.0	4.2	3.2
HR 1571 0320-2R2	2.2	60.0	69	4.8	4.0	3.3	2.8
HR 1571 0320-3R3	3.3	70.0	83	4.0	3.5	2.8	2.2
HR 1571 0320-4R7	4.7	120.0	144	3.5	3.0	2.4	2.0
HR 1571 0320-6R8	6.8	153	184	3.0	2.6	1.6	1.2
HR 1571 0320-100	10.0	224	260	1.8	1.6	1.3	1.0

SMD HIGH POWER INDUCTOR

HR 1572 0410/0412/0415/0402 Series

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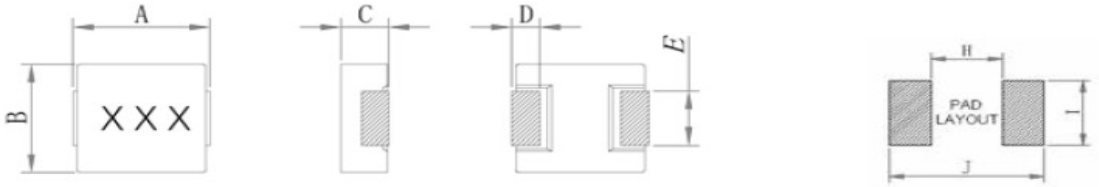
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	H	I	J
HR 1572 0410	4.4±0.2	4.0±0.2	0.8±0.2	0.76±0.3	2.0±0.2	2.16	2.3	2.3
HR 1572 0412	4.4±0.2	4.0±0.2	1.0±0.2	0.76±0.3	2.0±0.2	2.16	2.3	2.3
HR 1572 0415	4.4±0.2	4.0±0.2	1.3±0.2	0.76±0.3	2.0±0.2	2.16	2.3	2.3
HR 1572 0402	4.4±0.2	4.0±0.2	1.8±0.2	0.76±0.3	2.0±0.2	2.16	2.3	2.3

- All measures are in mm.

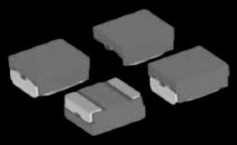
º

- Low loss realized with low DCR.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

Product Identification

HR 1572	0410	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: High Power Inductors.
- •(2) Dimensions: 0410 is size.
- •(3) Inductance: 0.1uH(1R0) for 1.0uH.
- •(4) Inductance tolerance:M:±20%.

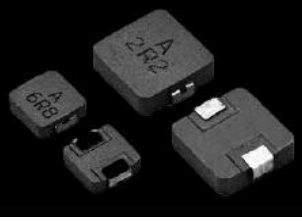


HR 1572 0410/0412/0415/0402 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)		Irms(A)	
PART No.	L (uH)	Typ.	Max.	Typ.	Max.	Typ.	Max.
HR 1572 0410-R22	0.22	9.8	12.0	18	15	11	9.0
HR 1572 0410-R33	0.33	11.7	14.5	14	12	10	8.0
HR 1572 0410-R47	0.47	15.2	18.5	11	9.0	8.5	7.0
HR 1572 0410-1R0	1.0	35.0	42.0	6.5	5.5	4.2	3.5
HR 1572 0410-2R2	2.2	90.0	108	4.5	4.0	2.8	2.4
HR 1572 0410-6R8	6.8	224	268	2.8	2.2	1.4	1.1
HR 1572 0410-100	10.0	260	312	1.7	1.4	1.1	0.8
HR 1572 0412-R33	0.33	12.0	14.5	14	12	10	8.0
HR 1572 0412-R47	0.47	16.8	20.0	13	10	8.8	7.0
HR 1572 0412-R68	0.68	19.0	23.0	9.0	7.0	6.0	5.0
HR 1572 0412-1R0	1.0	36.5	43.0	7.8	6.2	5.2	4.5
HR 1572 0412-1R5	1.5	54.5	62.0	6.2	5.4	4.2	3.5
HR 1572 0412-2R2	2.2	72.0	80.0	5.5	4.5	3.5	3.0
HR 1572 0412-3R3	3.3	97.0	111	4.5	3.9	2.8	2.4
HR 1572 0412-4R7	4.7	119	143	3.2	2.8	2.2	1.8
HR 1572 0415-R12	0.12	6.0	7.2	24	22	14	12
HR 1572 0415-R22	0.22	7.3	8.8	20	15	13	11
HR 1572 0415-R33	0.33	12.0	14.5	14	12.5	10	8.0
HR 1572 0415-R47	0.47	17.8	22.0	13	11	8.8	7.0
HR 1572 0415-1R0	1.0	28.5	33.5	8.0	6.5	5.5	5.0
HR 1572 0415-1R5	1.5	41.0	47.0	7.0	6.0	4.2	3.5
HR 1572 0415-2R2	2.2	53.0	62.5	5.5	4.5	3.5	3.0
HR 1572 0415-100	10.0	232	278	2.0	1.8	1.2	1.0
HR 1572 0420-R12	0.12	3.5	4.2	30	24	15	12
HR 1572 0420-R22	0.22	6.2	7.4	24	18	14	12
HR 1572 0420-R33	0.33	7.0	8.4	14	12	11	9.0
HR 1572 0420-R47	0.47	9.4	11.3	14	12	10	8.0
HR 1572 0420-R68	0.68	13.3	16.0	12	11	9.0	7.0
HR 1572 0420-1R0	1.0	16.4	20.0	9.0	7.2	6.5	5.5
HR 1572 0420-1R5	1.5	22.0	26.4	7.5	6,5	4.8	4.0
HR 1572 0420-2R2	2.2	31.5	38.0	6.0	5.5	4.5	3.5
HR 1572 0420-3R3	3.3	45.0	54.0	5.0	4.5	3.5	3.0
HR 1572 0420-4R7	4.7	58.0	70.0	4.5	4.0	3.0	2.2
HR 1572 0420-6R8	6.8	86.0	103	3.5	3.0	2.4	2.0
HR 1572 0420-100	10.0	170	190	3.5	3.0	2.0	1.8
HR 1572 0420-150	15.0	240	275	2.6	2.0	1.8	1.3
HR 1572 0420-220	22.0	265	320	2.1	1.6	1.2	1.0

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1573 0603/0604 Series



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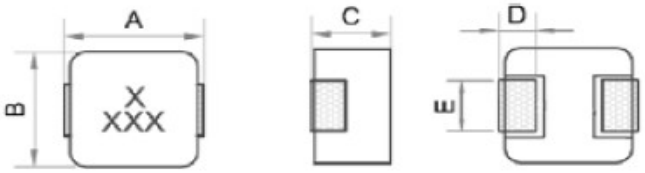
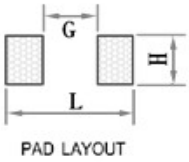
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





PAD LAYOUT

MODEL	A	B	C	D	E	G	H	L
HR 1573 0603	7.8±0.2	7.0±0.2	3.2±0.2	1.6±0.3	3.0±0.2	3.7	3.5	8.0
HR 1573 0604	7.8±0.2	7.0±0.2	4.2±0.2	1.6±0.3	3.0±0.2	3.7	3.5	8.0

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

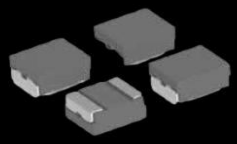
Product Identification

HR 1573	0603	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: High Power Inductors.
- •(2) Dimensions: 0603 is size.
- •(3) Inductance: 0.1uH(1R0) for 1.0uH.
- •(4) Inductance tolerance:M:±20%.

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1573- 0603/0604 Series

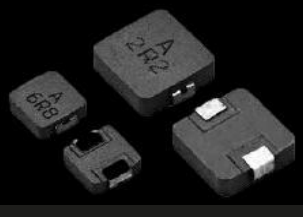


HR 1573 0603/0604 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1573 0603-R10	0.1	0.9	1.7	42.0	32.0	2.0
HR 1573 0603-R15	0.15	1.5	2.5	38.0	26.0	2.0
HR 1573 0603-R20	0.2	1.3	3.0	36.0	24.0	2.0
HR 1573 0603-R47	0.47	3.6	4.2	26.0	17.5	2.0
HR 1573 0603-R56	0.56	4.3	4.8	24.0	16.5	3.0
HR 1573 0603-1R0	1.0	7.8	10.0	16.0	11.0	3.0
HR 1573 0603-1R5	1.5	12.7	15.0	14.0	9.0	3.0
HR 1573 0603-1R8	1.8	14.0	20.0	12.0	8.0	3.0
HR 1573 0603-2R2	2.2	15.2	20.0	12.0	8.0	3.0
HR 1573 0603-3R3	3.3	23.1	30.0	10.0	6.0	3.0
HR 1573 0603-4R7	4.7	37.0	40.0	6.5	5.5	3.0
HR 1573 0603-6R8	6.8	52.0	60.0	6.0	4.5	3.0
HR 1573 0603-8R2	8.2	63.5	68.0	5.5	4.0	3.0
HR 1573 0603-100	10.0	78.0	105.0	5.0	3.0	3.0
HR 1573 0604-R33	0.33	1.9	2.1	32.0	25.0	3.0
HR 1573 0604-R47	0.47	2.22	2.5	30.0	20.0	2.0
HR 1573 0604-R56	0.56	2.8	3.0	29.0	19.0	2.0
HR 1573 0604-R68	0.68	3.3	3.8	28.0	17.0	2.0
HR 1573 0604-R82	0.82	4.85	5.2	24.0	16.0	3.0
HR 1573 0604-1R0	1.0	5.3	5.8	20.0	15.0	3.0
HR 1573 0604-1R2	1.2	7.2	7.6	19.0	15.0	3.0
HR 1573 0604-1R5	1.5	7.8	8.4	18.0	14.0	3.0
HR 1573 0604-2R2	2.2	11.2	16.0	14.0	12.0	3.0
HR 1573 0604-3R3	3.3	16.6	18.0	13.0	10.0	3.0
HR 1573 0604-4R7	4.7	20.2	21.0	9.0	7.0	3.0
HR 1573 0604-5R6	5.6	28.7	30.0	7.0	5.5	3.0
HR 1573 0604-6R8	6.8	28.7	30.0	7.0	5.5	3.0
HR 1573 0604-8R2	8.2	33.5	36.0	6.5	4.5	3.0
HR 1573 0604-100	10.0	53.1	60.0	5.0	4.5	3.0

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1574- 1004/1005 Series



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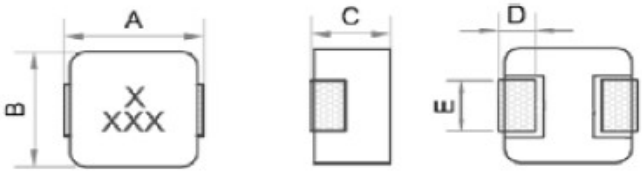
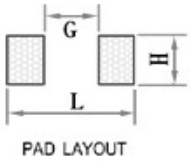
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





PAD LAYOUT

MODEL	A	B	C	D	E	G	H	L
HR 1574 1004	11.8±0.2	10.5±0.2	4.2±0.2	2.3±0.3	3.0±0.2	5.4	4.5	12.4
HR 1574 1005	11.8±0.2	10.5±0.2	5.0±0.2	2.3±0.3	3.0±0.2	5.4	4.5	12.4

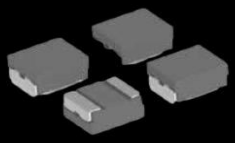
- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

Product Identification

HR 1574	1004.	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: High Power Inductors.
- •(2) Dimensions: 104 is size.
- •(3) Inductance: 0.1uH(1R0) for 1.0uH.
- •(4) Inductance tolerance:M:±20%.

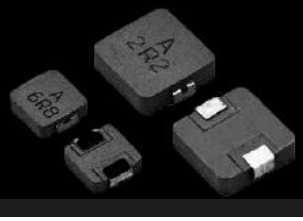


HR 1574 1004/1005 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1574 1004-R10	0.1	0.9	1.7	42.0	32.0	2.0
HR 1574 1004-R15	0.15	1.5	2.5	38.0	26.0	2.0
HR 1574 1004-R20	0.2	1.3	3.0	36.0	24.0	2.0
HR 1574 1004-R47	0.47	3.6	4.2	26.0	17.5	2.0
HR 1574 1004-R56	0.56	4.3	4.8	24.0	16.5	3.0
HR 1574 1004-1R0	1.0	7.8	10.0	16.0	11.0	3.0
HR 1574 1004-1R5	1.5	12.7	15.0	14.0	9.0	3.0
HR 1574 1004-1R8	1.8	14.0	20.0	12.0	8.0	3.0
HR 1574 1004-2R2	2.2	15.2	20.0	12.0	8.0	3.0
HR 1574 1004-3R3	3.3	23.1	30.0	10.0	6.0	3.0
HR 1574 1004-4R7	4.7	37.0	40.0	6.5	5.5	3.0
HR 1574 1004-6R8	6.8	52.0	60.0	6.0	4.5	3.0
HR 1574 1004-8R2	8.2	63.5	68.0	5.5	4.0	3.0
HR 1574 1004-100	10.0	78.0	105.0	5.0	3.0	3.0
HR 1574 1005-R33	0.33	1.9	2.1	32.0	25.0	3.0
HR 1574 1005-R47	0.47	2.22	2.5	30.0	20.0	2.0
HR 1574 1005-R56	0.56	2.8	3.0	29.0	19.0	2.0
HR 1574 1005-R68	0.68	3.3	3.8	28.0	17.0	2.0
HR 1574 1005-R82	0.82	4.85	5.2	24.0	16.0	3.0
HR 1574 1005-1R0	1.0	5.3	5.8	20.0	15.0	3.0
HR 1574 1005-1R2	1.2	7.2	7.6	19.0	15.0	3.0
HR 1574 1005-1R5	1.5	7.8	8.4	18.0	14.0	3.0
HR 1574 1005-2R2	2.2	11.2	16.0	14.0	12.0	3.0
HR 1574 1005-3R3	3.3	16.6	18.0	13.0	10.0	3.0
HR 1574 1005-4R7	4.7	20.2	21.0	9.0	7.0	3.0
HR 1574 1005-5R6	5.6	28.7	30.0	7.0	5.5	3.0
HR 1574 1005-6R8	6.8	28.7	30.0	7.0	5.5	3.0
HR 1574 1005-8R2	8.2	33.5	36.0	6.5	4.5	3.0
HR 1574 1005-100	10.0	53.1	60.0	5.0	4.5	3.0

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1575- 1203/1205/1207 Series



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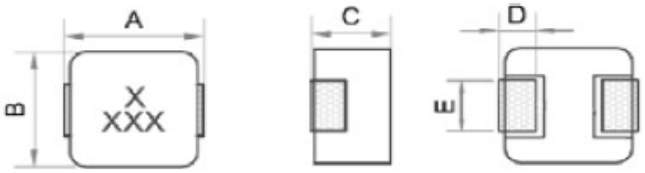
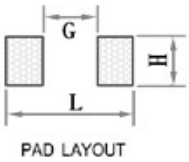
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





PAD LAYOUT

MODEL	A	B	C	D	E	G	H	L
HR 1575 1203	13.9±0.2	13.5±0.2	3.7±0.2	2.3±0.3	3.0±0.2	8.0	5.0	14.5
HR 1575 1205	13.9±0.2	13.5±0.2	5.2±0.2	2.3±0.3	3.0±0.2	8.0	5.0	14.5
HR 1575 1207	13.9±0.2	13.5±0.2	7.0±0.2	2.3±0.3	3.0±0.2	8.0	5.0	14.5

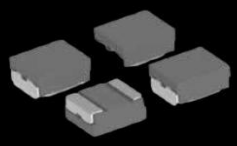
- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

Product Identification

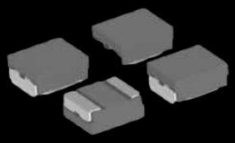
HR 1575	1203.	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 1203 is size.
- •(3) Inductance: 0.1uH(1R0) for 1.0uH.
- •(4) Inductance tolerance:M:±20%.



HR 1575- 1203/1205/1207 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1575 1203-R10	0.1	0.9	1.7	42.0	32.0	2.0
HR 1575 1203-R15	0.15	1.5	2.5	38.0	26.0	2.0
HR 1575 1203-R20	0.2	1.3	3.0	36.0	24.0	2.0
HR 1575 1203-R47	0.47	3.6	4.2	26.0	17.5	2.0
HR 1575 1203-R56	0.56	4.3	4.8	24.0	16.5	3.0
HR 1575 1203-1R0	1.0	7.8	10.0	16.0	11.0	3.0
HR 1575 1203-1R5	1.5	12.7	15.0	14.0	9.0	3.0
HR 1575 1203-1R8	1.8	14.0	20.0	12.0	8.0	3.0
HR 1575 1203-2R2	2.2	15.2	20.0	12.0	8.0	3.0
HR 1575 1203-3R3	3.3	23.1	30.0	10.0	6.0	3.0
HR 1575 1203-4R7	4.7	37.0	40.0	6.5	5.5	3.0
HR 1575 1203-6R8	6.8	52.0	60.0	6.0	4.5	3.0
HR 1575 1203-8R2	8.2	63.5	68.0	5.5	4.0	3.0
HR 1575 1203-100	10.0	78.0	105.0	5.0	3.0	3.0
HR 1575 1205-R33	0.33	1.9	2.1	32.0	25.0	3.0
HR 1575 1205-R47	0.47	2.22	2.5	30.0	20.0	2.0
HR 1575 1205-R56	0.56	2.8	3.0	29.0	19.0	2.0
HR 1575 1205-R68	0.68	3.3	3.8	28.0	17.0	2.0
HR 1575 1205-R82	0.82	4.85	5.2	24.0	16.0	3.0
HR 1575 1205-1R0	1.0	5.3	5.8	20.0	15.0	3.0
HR 1575 1205-1R2	1.2	7.2	7.6	19.0	15.0	3.0
HR 1575 1205-1R5	1.5	7.8	8.4	18.0	14.0	3.0
HR 1575 1205-2R2	2.2	11.2	16.0	14.0	12.0	3.0
HR 1575 1205-3R3	3.3	16.6	18.0	13.0	10.0	3.0
HR 1575 1205-4R7	4.7	20.2	21.0	9.0	7.0	3.0
HR 1575 1205-5R6	5.6	28.7	30.0	7.0	5.5	3.0
HR 1575 1205-6R8	6.8	28.7	30.0	7.0	5.5	3.0
HR 1575 1205-8R2	8.2	33.5	36.0	6.5	4.5	3.0
HR 1575 1205-100	10.0	53.1	60.0	5.0	4.5	3.0



HR 1575 1207/1205/1207 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1575 1207-R33	0.33	0.8	0.9	65.0	46.0	3.0
HR 1575 1207-R47	0.46	1.0	1.2	63.0	41.0	3.0
HR 1575 1207-R56	0.56	1.2	1.4	62.0	37.0	3.0
HR 1575 1207-R68	0.68	1.45	1.6	60.0	35.0	3.0
HR 1575 1207-R82	0.82	1.75	1.9	50.0	33.0	3.0
HR 1575 1207-1R0	1.0	1.85	2.0	50.0	32.0	3.0
HR 1575 1207-1R5	1.5	2.6	3.0	45.0	27.0	3.0
HR 1575 1207-2R2	2.2	3.7	4.2	40.0	22.0	3.0
HR 1575 1207-3R3	3.3	6.2	6.8	35.0	18.0	3.0
HR 1575 1207-4R7	4.7	7.4	10.0	30.0	15.0	3.0
HR 1575 1207-5R6	5.6	9.7	11.2	26.5	13.5	3.0
HR 1575 1207-6R8	6.8	7.4	14.0	17.0	12.0	3.0
HR 1575 1207-8R2	8.2	13.2	15.5	16.0	10.5	3.0
HR 1575 1207-100	10.0	13.4	16.8	15.5	10.0	3.0

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1576 0603 Series

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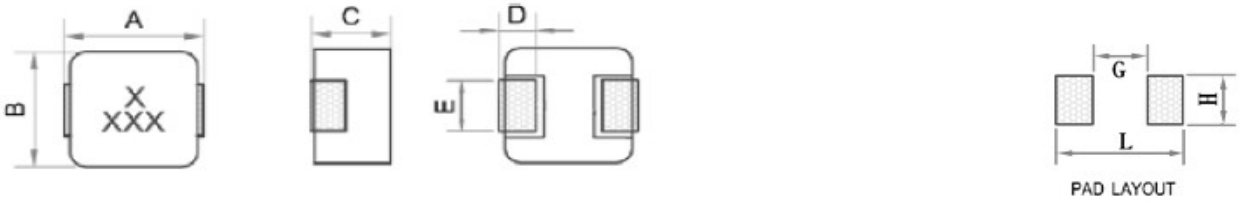
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	G	H	L
HR 1576 0603	7.25	6.72	3.0	1.6±0.3	2.0±0.2	3.7	3.5	8.0

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

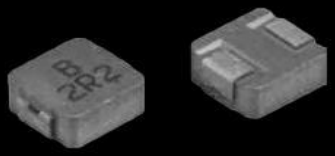
Product Identification

HR 1576	0603..	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 0603 is size.
- •(3) Inductance: 0.1uH(1R0) for 1.0uH.
- •(4) Inductance tolerance:M:±20%.

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1576 0603 Series

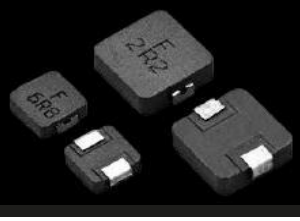


HR 1576 0603/1205/1207 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1576 0603-R10	0.1	1.15	1.7	60.0	32.5	2.0
HR 1576 0603-R15	0.15	1.35	2.5	52.0	26.0	2.0
HR 1576 0603-R20	0.2	2.45	3.0	41.0	24.0	3.0
HR 1576 0603-R22	0.22	2.45	2.8	40.0	23.0	3.0
HR 1576 0603-R33	0.33	3.1	3.9	30.0	20.0	3.0
HR 1576 0603-R47	0.47	4.0	4.2	26.0	17.5	3.0
HR 1576 0603-R56	0.56	4.8	5.0	25.5	16.5	3.0
HR 1576 0603-R68	0.68	4.95	5.5	25.0	15.5	3.0
HR 1576 0603-R82	0.82	7.15	8.0	24.0	13.0	3.0
HR 1576 0603-1R0	1.0	9.3	10.0	22.0	11.0	3.0
HR 1576 0603-1R2	1.2	11.6	13.0	20.0	10.0	3.0
HR 1576 0603-1R5	1.5	13.5	15.0	18.0	9.0	3.0
HR 1576 0603-1R8	1.8	14.9	18.0	16.0	8.5	3.0
HR 1576 0603-2R2	2.2	18.3	20.0	14.0	8.0	3.0
HR 1576 0603-3R3	3.3	28.0	30.0	13.5	6.0	3.0
HR 1576 0603-4R7	4.7	38.0	40.0	10.0	5.5	3.0
HR 1576 0603-5R6	5.6	46.9	50.0	9.0	5.0	3.0
HR 1576 0603-6R8	6.8	54.8	60.0	8.0	4.5	3.0
HR 1576 0603-8R2	8.2	61.5	68.0	7.5	4.0	3.0
HR 1576 0603-100	10	102.5	105.0	7.0	3.0	3.0

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1577- 0603/0804/1004 Series



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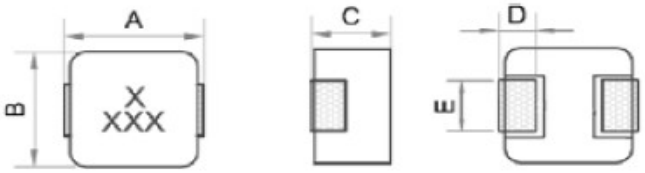
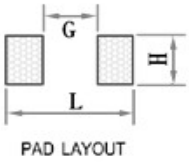
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





PAD LAYOUT

MODEL	A	B	C	D	E	G	H	L
HR 1577 0603	7.25±0.2	6.72±0.2	3.0±0.2	1.6±0.3	3.0±0.2	3.7	3.5	8.0
HR 1577 0804	8.90±0.2	8.25±0.2	4.0±0.2	1.8±0.3	3.0±0.2	4.6	3.8	10.6
HR 1577 1004	11.8±0.2	10.5±0.2	4.0±0.2	2.3±0.3	3.0±0.2	5.4	4.5	12.4

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

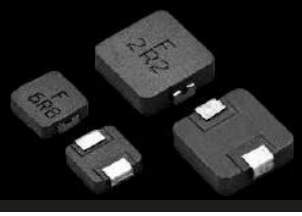
Product Identification

HR 1577	0604.	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 1203 is size.
- •(3) Inductance: 0.22uH(1R0) for 2.2uH.
- •(4) Inductance tolerance:M:±20%.

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1577- 0603-0804-1004 Series



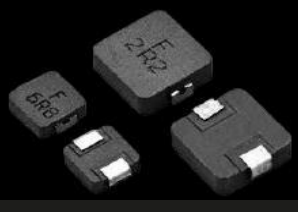
HR 1577 0603_0804_1004 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1577 0603-1R0	1.0	7.0	8.0	9.5	12.5	3.0
HR 1577 0603-1R5	1.5	10.2	12.0	8.5	10.5	3.0
HR 1577 0603-2R2	2.2	14.7	16.5	7.0	9.0	3.0
HR 1577 0603-3R3	3.3	23.5	26.0	6.5	7.0	3.0
HR 1577 0603-4R7	4.7	29.5	33.4	4.0	6.0	3.0
HR 1577 0603-6R8	6.8	41.0	46.8	4.0	5.5	3.0
HR 1577 0603-8R2	8.2	52.5	54.9	4.0	5.0	3.0
HR 1577 0603-100	10.0	64.5	71.2	3.5	4.0	3.0
HR 1577 0603-150	15.0	108.0	118.0	4.0	3.0	3.0
HR 1577 0603-220	22.0	126.0	135.0	2.5	2.9	3.0

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1577 0804-R19	0.19	1.18	1.35	22.0	34.0	3.0
HR 1577 0804-R33	0.33	1.6	2.15	16.0	27.5	3.0
HR 1577 0804-R47	0.47	2.22	2.38	14.0	25.0	3.0
HR 1577 0804-R68	0.68	2.9	3.22	14.5	22.2	3.0
HR 1577 0804-R82	0.82	2.81	3.88	15.0	19.5	3.0
HR 1577 0804-1R0	1.0	4.03	4.63	12.0	18.2	3.2
HR 1577 0804-2R2	2.2	8.80	9.41	10.2	14.5	3.2
HR 1577 0804-3R3	3.3	12.45	14.9	9.7	10.5	3.2
HR 1577 0804-4R7	4.7	19.80	22.6	8.7	8.0	3.2
HR 1577 0804-5R6	5.6	24.53	28.6	7.6	7.4	3.2
HR 1577 0804-6R8	6.8	28.34	33.4	6.7	7.0	3.2
HR 1577 0804-8R2	8.2	39.64	45	6.6	5.7	3.2
HR 1577 0804-100	10.0	44.15	51.8	6.4	5.4	3.2
HR 1577 0804-150	15.0	53.5	65.3	3.7	4.9	3.2
HR 1577 0804-220	22.0	70.47	94.2	3.3	4.3	3.2
HR 1577 0804-330	33.0	114.78	144.0	3.2	3.2	3.2

ULTRA HIGH CURRENT SMD INDUCTOR

HR 1577 1004 Series

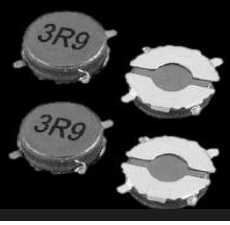


HR 1577 1004 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.	Typ.	±0.5
HR 1577 1004-R19	0.19	0.6	0.8	46.0	40.0	3.0
HR 1577 1004-R22	0.22	0.8	0.95	44.0	33.0	3.0
HR 1577 1004-R27	0.27	0.8	0.95	44.0	33.0	3.0
HR 1577 1004-R36	0.36	1.0	1.15	30.0	32.0	3.0
HR 1577 1004-R47	0.47	1.4	1.68	30.0	30.0	3.0
HR 1577 1004-R56	0.56	1.7	1.8	22.0	32.0	3.0
HR 1577 1004-R68	0.68	1.7	1.85	22.0	27.0	3.0
HR 1577 1004-R82	0.82	2.2	2.3	22.0	25.0	3.0
HR 1577 1004-1R0	1.0	2.5	3.3	20.0	25.0	3.0
HR 1577 1004-1R5	1.5	3.5	4.3	16.0	17.0	3.0
HR 1577 1004-2R2	2.2	7.8	8.5	12.0	15.0	3.0
HR 1577 1004-4R7	4.7	13.8	14.2	7.6	9.5	3.0
HR 1577 1004-6R8	6.8	18.7	19.3	7.5	9.0	3.0
HR 1577 1004-8R2	8.2	25.5	28.0	7.3	8.0	3.0
HR 1577 1004-100	10.0	28.3	30.5	7.1	7.5	3.0
HR 1577 1004-150	15.0	38.3	45.0	6.0	6.25	3.0
HR 1577 1004-220	22.0	61.3	66.0	4.5	5.0	3.0
HR 1577 1004-330	33.0	89.0	94.5	4.0	4.4	3.0
HR 1577 1004-470	47.0	129.1	145.0	3.0	3.3	3.0

UNSHIELDED SMD POWER INDUCTOR

HR 1578 2D10/2D12/2D15 Series



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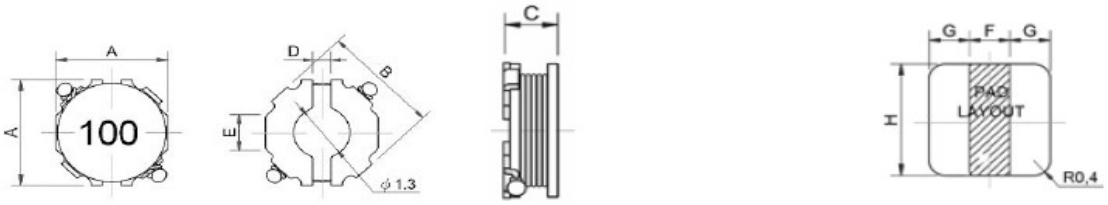
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	F	G	H
HR 1578 2D10	3.0±0.2	3.2±0.2	1.0±0.2	0.5	1.0	1.0	1.0	3.0
HR 1578 2D12	3.0±0.2	3.2±0.2	1.2±0.2	0.5	1.0	1.0	1.0	3.0
HR 1578 2D15	3.0±0.2	3.2±0.2	1.2±0.2	0.5	1.0	1.0	1.0	3.0

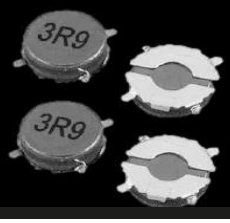
- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

Product Identification

HR 1578	2D10	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: BDR2D10 is size.
- •(3) Inductance: 0.22uH(1R0) for 2.2uH.
- •(4) Inductance tolerance:M:±20%.



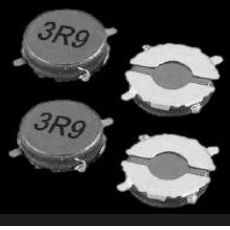
HR 1578 2D10_2D12 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1578 2D10-1R0	1.0	70	91	1.5	1.7	1.0
HR 1578 2D10-1R5	1.5	80	104	1.3	1.6	1.0
HR 1578 2D10-2R2	2.2	150	187	1.0	1.5	1.0
HR 1578 2D10-3R3	3.3	230	287	0.8	1.4	1.0
HR 1578 2D10-3R9	3.9	250	312	0.7	1.3	1.0
HR 1578 2D10-4R7	4.7	320	400	0.65	1.2	1.0
HR 1578 2D10-5R6	5.6	380	475	0.6	1.05	1.0
HR 1578 2D10-6R8	6.8	430	537	0.55	1.0	1.0
HR 1578 2D10-100	10.0	625	781	0.46	0.8	1.0
HR 1578 2D10-120	12.0	675	843	0.43	0.75	1.0
HR 1578 2D10-150	15.0	960	1200	0.38	0.70	1.0

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1578 2D12-1R2	1.2	63	78	2.10	1.59	1.0
HR 1578 2D12-1R5	1.5	74	93	1.70	1.47	1.0
HR 1578 2D12-2R2	2.2	95	118	1.60	1.20	1.0
HR 1578 2D12-2R7	2.7	125	156	1.30	1.09	1.0
HR 1578 2D12-3R3	3.3	140	175	1.20	1.03	1.0
HR 1578 2D12-3R9	3.9	170	212	1.10	0.94	1.0
HR 1578 2D12-4R7	4.7	220	275	1.00	0.82	1.0
HR 1578 2D12-5R6	5.6	250	312	0.85	0.77	1.0
HR 1578 2D12-6R8	6.8	280	350	0.80	0.71	1.0
HR 1578 2D12-8R2	8.2	445	556	0.75	0.60	1.0
HR 1578 2D12-100	10.0	520	650	0.70	0.55	1.0
HR 1578 2D12-120	12.0	575	718	0.65	0.52	1.0
HR 1578 2D12-150	15.0	626	781	0.60	0.48	1.0
HR 1578 2D12-180	18.0	855	1068	0.55	0.41	1.0
HR 1578 2D12-220	22.0	1010	1262	0.50	0.38	1.0
HR 1578 2D12-270	33.0	1450	1812	0.42	0.33	1.0

UNSHIELDED SMD POWER INDUCTOR

HR 1578 2D15_2D12_2D15 Series



HR 1578 2D15 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	E mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1578 2D15-1R0	1.0	70	88	2.3	1.90	1.0
HR 1578 2D15-1R5	1.5	80	100	2.00	1.80	1.0
HR 1578 2D15-2R2	2.2	95	119	1.70	1.60	1.0
HR 1578 2D15-2R7	2.7	115	144	1.60	1.50	1.0
HR 1578 2D15-3R3	3.3	125	156	1.50	1.40	1.0
HR 1578 2D15-3R9	3.9	135	169	1.30	1.30	1.0
HR 1578 2D15-4R7	4.7	180	225	1.20	1.20	1.0
HR 1578 2D15-5R6	5.6	200	250	1.11	1.05	1.0
HR 1578 2D15-6R8	6.8	240	300	1.00	1.00	1.0
HR 1578 2D15-8R2	8.2	260	325	0.90	0.95	1.0
HR 1578 2D15-100	10.0	350	437	0.85	0.90	1.0
HR 1578 2D15-120	12.0	390	487	0.75	0.70	1.0
HR 1578 2D15-150	15.0	560	700	0.65	0.60	1.0
HR 1578 2D15-180	18.0	750	938	0.60	0.55	1.0
HR 1578 2D15-220	22.0	840	1050	0.55	0.50	1.0
HR 1578 2D15-270	27.0	1050	1312	0.50	0.45	1.0
HR 1578 2D15-330	33.0	1250	1562	0.45	0.40	1.0
HR 1578 2D15-390	39.0	1400	1750	0.40	0.37	1.0

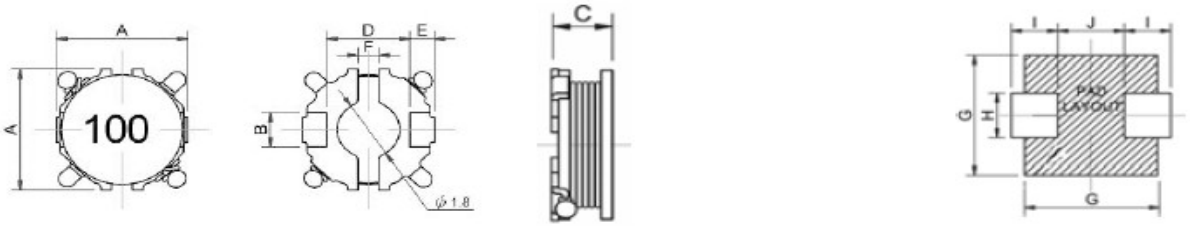
UNSHIELDED SMD POWER INDUCTOR

HR 1579-3D12/3D15/3D18 Series

Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	F	G	H	I
HR 1579 3D12	3.8±0.2	1.1±0.1	1.2±0.2	2.4	0.7	0.6	4.0	1.5	1.4
HR 1579 3D15	3.8±0.2	1.1±0.1	1.5±0.2	2.4	0.7	0.6	4.0	1.5	1.4
HR 1579 3D18	3.8±0.2	1.1±0.1	1.8±0.2	2.4	0.7	0.6	4.0	1.5	1.4

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

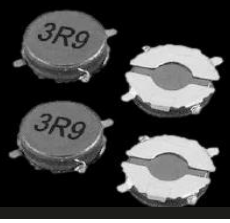
Product Identification

HR 1579	3D12	1R	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: BDR3D12 is size.
- •(3) Inductance: 0.22uH(1R0) for 2.2uH.
- •(4) Inductance tolerance:M:±20%.

UNSHIELDED SMD POWER INDUCTOR

HR 1579 3D12/3D15 Series



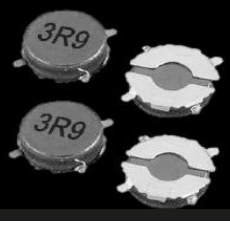
HR 1579 3D12_3D15 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	B mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1579 3D12-1R0	1.0	53	64	2.10	2.30	1.1
HR 1579 3D12-1R2	1.2	64	79	1.80	2.10	1.1
HR 1579 3D12-2R2	2.2	85	102	1.50	1.78	1.1
HR 1579 3D12-2R7	2.7	110	132	1.30	1.47	1.1
HR 1579 3D12-3R3	3.3	140	168	1.20	1.30	1.1
HR 1579 3D12-3R9	3.9	162	195	1.00	1.20	1.1
HR 1579 3D12-4R7	4.7	200	240	0.90	0.90	1.1
HR 1579 3D12-5R6	5.6	240	288	0.85	0.84	1.1
HR 1579 3D12-6R8	6.8	260	312	0.80	0.78	1.1
HR 1579 3D12-8R2	8.2	350	420	0.70	0.70	1.1
HR 1579 3D12-100	10.0	400	480	0.65	0.65	1.1
HR 1579 3D12-120	12.0	515	618	0.60	0.57	1.1
HR 1579 3D12-150	15.0	610	732	0.52	0.52	1.1
HR 1579 3D12-180	18.0	680	816	0.48	0.48	1.1
HR 1579 3D12-220	22.0	860	1032	0.44	0.44	1.1
HR 1579 3D12-270	27.0	980	1176	0.40	0.40	1.1
HR 1579 3D12-330	33.0	1160	1392	0.36	0.38	1.1
HR 1579 3D12-390	39.0	1600	1920	0.33	0.32	1.1

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	B mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1579 3D15-1R0	1.0	65	78	2.50	2.20	1.1
HR 1579 3D15-2R2	2.2	90	108	1.90	1.85	1.1
HR 1579 3D15-3R3	3.3	105	126	1.40	1.70	1.1
HR 1579 3D15-3R9	3.9	125	150	1.20	1.65	1.1
HR 1579 3D15-4R7	4.7	140	168	1.10	1.40	1.1
HR 1579 3D15-6R8	6.8	190	228	0.95	1.30	1.1
HR 1579 3D15-8R2	8.2	220	264	0.90	1.20	1.1
HR 1579 3D15-100	10.0	250	300	0.85	1.10	1.1
HR 1579 3D15-120	12.0	315	378	0.78	1.00	1.1
HR 1579 3D15-150	15.0	370	444	0.68	0.90	1.1
HR 1579 3D15-180	18.0	470	564	0.62	0.79	1.1
HR 1579 3D15-220	22.0	530	636	0.52	0.72	1.1
HR 1579 3D15-270	27.0	750	900	0.48	0.60	1.1
HR 1579 3D15-330	33.0	990	1188	0.45	0.52	1.1
HR 1579 3D15-390	39.0	1120	1344	0.42	0.48	1.1
HR 1579 3D15-470	47.0	1460	1752	0.37	0.39	1.1

UNSHIELDED SMD POWER INDUCTOR

HR 1579 3D18 Series



HR 1579 3D18 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	B mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1579 3D18-1R0	1.0	56	68	3.20	2.20	1.1
HR 1579 3D18-1R5	1.5	75	90	2.40	1.85	1.1
HR 1579 3D18-2R2	2.2	90	108	2.00	1.66	1.1
HR 1579 3D18-2R7	2.7	98	118	1.70	1.59	1.1
HR 1579 3D18-3R3	3.3	108	130	1.60	1.50	1.1
HR 1579 3D18-3R9	3.9	116	140	1.50	1.45	1.1
HR 1579 3D18-4R7	4.7	135	162	1.30	1.37	1.1
HR 1579 3D18-5R6	5.6	148	178	1.20	1.27	1.1
HR 1579 3D18-6R8	6.8	165	198	1.10	1.20	1.1
HR 1579 3D18-8R2	8.2	185	222	1.00	1.13	1.1
HR 1579 3D18-100	10.0	210	252	0.90	1.06	1.1
HR 1579 3D18-120	12.0	245	294	0.85	0.98	1.1
HR 1579 3D18-150	15.0	320	384	0.75	0.86	1.1
HR 1579 3D18-180	18.0	360	434	0.70	0.80	1.1
HR 1579 3D18-220	22.0	470	564	0.60	0.70	1.1
HR 1579 3D18-270	27.0	525	630	0.55	0.67	1.1
HR 1579 3D18-330	33.0	670	804	0.50	0.55	1.1
HR 1579 3D18-390	39.0	755	906	0.47	0.51	1.1
HR 1579 3D18-470	47.0	1050	1260	0.43	0.43	1.1
HR 1579 3D18-560	56.0	1350	1620	0.38	0.38	1.1

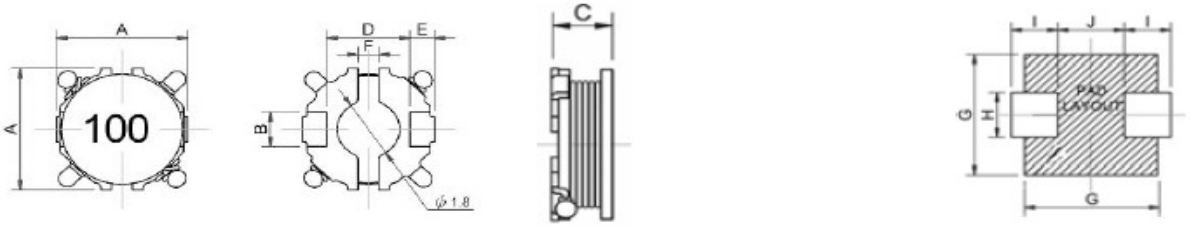
UNSHIELDED SMD POWER INDUCTOR

HR 1580 4D12/4D15 Series

Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	D	E	F	G	H	I
HR 1580 4D12	4.6±0.2	1.3±0.1	1.2±0.2	3.2	0.7	0.6	5.0	1.6	1.4
HR 1580 4D15	4.6±0.2	1.3±0.1	1.5±0.2	3.2	0.7	0.6	5.0	1.6	1.4

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

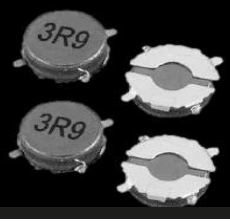
Product Identification

HR 1580 4D12 470 M
•(1) •(2) •(3) •(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: BDR3D12 is size.
- •(3) Inductance: 1.0uH(1R0) for 47uH.
- •(4) Inductance tolerance:M:±20%.

UNSHIELDED SMD POWER INDUCTOR

HR 1580 4D12/4D15 Series



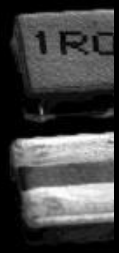
HR 1580 4D12/4D15 Series

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	B mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1580 4D12-1R0	1.0	55	66	2.50	2.50	1.3
HR 1580 4D12-1R8	1.8	75	90	1.80	2.10	1.3
HR 1580 4D12-2R2	2.2	9	108	1.50	1.94	1.3
HR 1580 4D12-3R3	3.3	115	138	1.20	1.72	1.3
HR 1580 4D12-4R7	4.7	160	192	1.00	1.45	1.3
HR 1580 4D12-5R6	5.6	175	210	0.95	1.39	1.3
HR 1580 4D12-6R8	6.8	200	240	0.85	1.30	1.3
HR 1580 4D12-8R2	8.2	240	288	0.80	1.19	1.3
HR 1580 4D12-100	10.0	320	384	0.71	1.00	1.3
HR 1580 4D12-120	12.0	360	432	0.65	0.97	1.3
HR 1580 4D12-150	15.0	410	492	0.60	0.90	1.3
HR 1580 4D12-180	18.0	600	720	0.55	0.75	1.3
HR 1580 4D12-220	22.0	640	768	0.45	0.59	1.3
HR 1580 4D12-270	27.0	880	1056	0.43	0.47	1.3
HR 1580 4D12-330	33.0	1020	1224	0.40	0.44	1.3
HR 1580 4D12-390	39.0	1230	1476	0.35	0.40	1.3
HR 1580 4D12-470	47.0	1420	1700	0.32	0.37	1.3

•M = ±20%	Inductance	DCR(mΩ)		I sat (A)	Irms(a)	B mm
PART No.	L (uH)	Typ.	Max.	Typ.(10%)	Typ.	±0.1
HR 1580 4D15-1R2	1.2	65	78	3.40	2.35	1.3
HR 1580 4D15-1R5	1.5	80	96	3.00	2.00	1.3
HR 1580 4D15-2R2	2.2	90	108	2.60	1.95	1.3
HR 1580 4D15-2R7	2.7	100	120	2.50	1.80	1.3
HR 1580 4D15-3R3	3.3	15	138	2.10	1.70	1.3
HR 1580 4D15-3R9	3.9	130	156	1.90	1.60	1.3
HR 1580 4D15-4R7	4.7	145	174	1.80	1.50	1.3
HR 1580 4D15-5R6	5.6	170	204	1.60	1.35	1.3
HR 1580 4D15-6R8	6.8	185	222	1.40	1.30	1.3
HR 1580 4D15-8R2	8.2	220	264	1.30	1.20	1.3
HR 1580 4D15-100	10.0	255	306	1.20	1.00	1.3
HR 1580 4D15-120	12.0	330	396	1.10	0.95	1.3
HR 1580 4D15-150	15.0	375	450	1.00	0.90	1.3
HR 1580 4D15-180	18.0	470	564	0.92	0.80	1.3
HR 1580 4D15-220	22.0	550	660	0.85	0.70	1.3
HR 1580 4D15-270	27.0	760	912	0.75	0.55	1.3
HR 1580 4D15-330	33.0	985	1182	0.65	0.45	1.3
HR 1580 4D15-390	39.0	1150	1380	0.60	0.40	1.3
HR 1580 4D15-470	47.0	1440	1730	0.55	0.35	1.3

SHIELDED SMD POWER INDUCTOR

HR 1590 2010/2510/2512 Series



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Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions

MODEL	A	B	C	D	H	I	J
HR 1590 2010	2.0±0.2	1.6±0.1	1.02±0.2	0.6	1.8	0.80	0.8
HR 1590 2510	2.5±0.2	2.0±0.1	1.02±0.2	0.8	2.2	0.85	0.8
HR 1590 2512	2.5±0.2	2.0±0.1	1.25±0.2	0.8	2.2	0.85	0.8

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

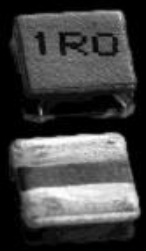
Product Identification

HR 1590	.2010	P	E	1R0	M
•(1)	•(2)	•(3)	•(4)	•(5)	•(6)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 2010 is size.
- •(3) P : High current
- •(4) Desing Code.
- •(5) Inductance: 1.0uH(1R0) for 22uH.
- •(6) Inductance tolerance:M:±20%.

SHIELDED SMD POWER INDUCTOR

HR 1590 2010/2510/2512 Series



HR 1590 2010/2510/2512 Series

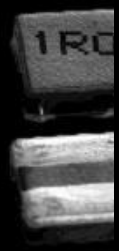
•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1590 2010-3R3	3.3	0.295	960	980	E
HR 1590 2010-4R7	4.7	0.360	840	900	F
HR 1590 2010E-6R8	6.8	0.640	660	700	G
HR 1590 2010-100	10.0	1.00	380	560	H
HR 1590 2010-220	22.0	1.70	380	400	I

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1590 2510-4R7	4.7	0.285	920	950	F
HR 1590 2510-100	10.0	0.535	600	700	H
HR 1590 2510-220	22.0	1.20	400	440	J

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1590 2512-3R3	3.3	0.130	1450	150	G
HR 1590 2512-4R7	4.7	0.190	1100	1100	H
HR 1590 2512-5R6	5.6	0.210	1050	1000	I
HR 1590 25126R8	6.8	0.300	950	800	J
HR 1590 2512-100	10.0	0.385	880	700	K
HR 1590 2512-220	22.0	0.810	550	530	M

SHIELDED SMD POWER INDUCTOR

HR 1591 3010/3012/3015 Series



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Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions

MODEL	A	B	C	D	H	I	J
HR 1591 3010	3.0±0.2	3.0±0.2	1.02±0.2	1.0	3.2	1.10	1.0
HR 1591 3012	3.0±0.2	3.0±0.2	1.20±0.2	1.0	3.2	1.10	1.0
HR 1591 3015	3.0±0.2	3.0±0.2	1.50±0.2	1.0	3.2	1.10	1.0

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

Product Identification

HR 1590	.3010	1R0	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 3010 is size.
- •(3) Inductance: 1.0uH(1R0) for 22uH.
- •(4) Inductance tolerance:M:±20%.

SHIELDED SMD POWER INDUCTOR

HR 1591 3010/3012/3015 Series

HR 1591 3010/3012/3015 Series

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1591 3010-1R5	1.5	0.085	1800	1700	1R5
HR 1591 3010-2R2	2.2	0.100	1500	1400	2R2
HR 1591 3010E-4R7	4.7	0.205	1000	950	4R7
HR 1591 3010E-6R8	10.0	0.310	870	850	6R8
HR 1591 3010-100	22.0	0.430	640	630	100
HR 1591 3010-220	22.0	0.870	470	460	220

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1591 3012-2R2	2.2	0.092	2100	2000	2R2
HR 1591 3012-3R3	3.3	0.13	1840	1800	3R3
HR 1591 3012-4R7	4.7	0.18	1560	1520	4R7
HR 1591 3012-6R8	6.8	0.25	1320	1300	6R8
HR 1591 3012-100	10.0	0.42	1060	1000	100
HR 1591 3012-220	22.0	0.86	640	620	200

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1591 3015-1R0	1.0	0.054	3400	3000	1R0
HR 1591 3015-1R5	1.5	0.063	3000	2600	1R5
HR 1591 3015-2R2	2.2	0.090	2300	2000	2R2
HR 1591 3015-3R3	3.3	0.125	1900	1800	3R3
HR 1591 3015-4R7	4.7	0.170	1580	1520	4R7
HR 1591 3015-6R8	6.8	0.235	1340	1300	6R8
HR 1591 3015-100	10.0	0.360	1060	1000	100
HR 1591 3015-220	22.0	0.770	760	650	220

SHIELDED SMD POWER INDUCTOR

HR 1592 4018/5040/6020/6045 Series

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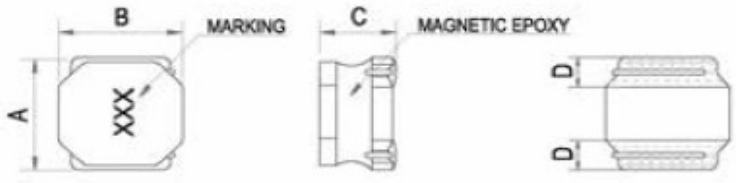
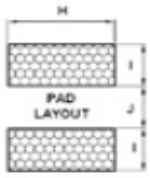
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





MODEL	A	B	C	D	H	I	J
HR 1592 4018	4.0±0.2	4.0±0.2	2.0±0.2	1.2	3.7	1.2	1.6
HR 1592 5040	5.0±0.2	5.0±0.2	4.2±0.2	1.5	4.0	1.5	2.1
HR 1592 6020	6.0±0.2	6.0±0.2	2.2±0.2	1.5	5.7	1.6	3.1
HR 1592 6045	6.0±0.2	6.0±0.2	4.7±0.2	1.5	5.7	1.6	3.1

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

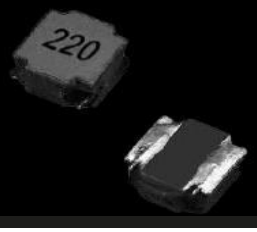
Product Identification

HR 1592	.4018	1R0	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 4018 is size.
- •(3) Inductance: 1.0uH(1R0) for 22uH.
- •(4) Inductance tolerance:M:±20%.

SHIELDED SMD POWER INDUCTOR

HR 1592 4018/5040/6020 Series



HR 1592 4018_5040_6020_6045 Series

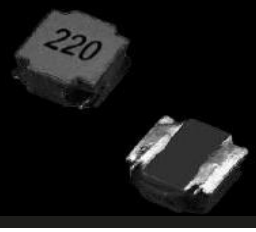
•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1592 4018-1R0	1.5	32	4.10	2.80	1R0
HR 1592 4018-2R2	2.2	60	2.80	2.50	2R2
HR 1592 4018-3R3	3.3	70	2.20	2.10	3R3
HR 1592 4018E-4R7	4.7	90	2.00	1.70	4R7
HR 1592 4018-6R8	8.8	110	1.60	1.50	6R8
HR 1592 4018-100	10.0	170	1.40	1.20	100
HR 1592 4018-150	15.0	250	1.00	1.00	150
HR 1592 4018-220	22.0	350	0.90	0.85	220
HR 1592 4018-330	33.0	530	0.80	0.70	330
HR 1592 4018-470	47.0	720	0.70	0.56	470
HR 1592 4018-680	68.0	1000	0.56	0.45	680
HR 1592 4018-101	100.0	1500	0.46	0.38	101
HR 1592 4018-151	150.0	2500	0.35	0.30	151
HR 1592 4018-221	220.0	4000	0.28	0.23	221

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1592 5040-1R5	1.5	16	7.10	4.40	1R5
HR 1592 5040-2R2	2.2	21	5.70	3.70	2R2
HR 1592 5040-3R3	3.3	26	4.80	3.50	3R3
HR 1592 5040-4R7	4.7	32	4.20	3.20	4R7
HR 1592 5040-6R8	6.8	50	3.30	2.40	6R8
HR 1592 5040-100	10.0	60	2.80	2.20	100
HR 1592 5040-150	15.0	90	2.30	1.80	150
HR 1592 5040-220	22.0	135	1.80	1.40	220
HR 1592 5040-330	33.0	190	1.50	1.10	330
HR 1592 5040-470	47.0	310	1.2	0,9	470

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1592 6020-R90	0.90	18	6.30	4.20	R90
HR 1592 6020-1R5	1.5	26	5.00	3.60	1R5
HR 1592 6020-2R2	2.2	34	4.20	3.20	2R2
HR 1592 6020-3R3	3.3	40	3.20	2.70	3R3
HR 1592 6020-4R7	4.7	58	2.50	2.20	4R7
HR 1592 6020-6R8	6.8	85	2.20	1.80	6R8
HR 1592 6020-100	10.0	125	2.00	1.60	100
HR 1592 6020-150	15.0	190	1.30	1.30	150
HR 1592 6020-220	22.0	260	1.10	1.10	220

SHIELDED SMD POWER INDUCTOR

HR 1592 4018/5040/6020 Series



HR 15926045 Series

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1592 6045-1R0	1.0	12	12.2	6.50	1R0
HR 1592 6045-1R8	1.8	17	9.60	5.60	1R8
HR 1592 6045-2R3	2.3	19	8.80	5.00	2R3
HR 1592 6045-3R0	3.0	22	7.80	4.40	3R0
HR 1592 6045-4R5	4.5	31	6.70	3.90	4R5
HR 1592 6045-6R8	6.8	43	5.30	3.20	6R8
HR 1592 6045-100	10.0	57	4.50	2.70	100
HR 1592 6045-150	15.0	80	3.40	2.20	150
HR 1592 6045-220	22.0	125	3.00	1.90	220
HR 1592 6045-330	33.0	165	2.30	1.40	330
HR 1592 6045-470	47.0	245	1.90	1.20	470
HR 1592 6045-680	68.0	330	1.60	1.00	680
HR 1592 6045-101	100.0	500	1.30	0.80	101

SHIELDED SMD POWER INDUCTOR

HR 1593 8040 Series

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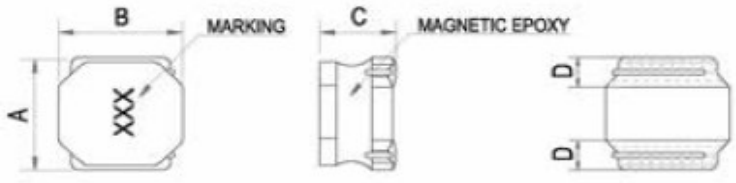
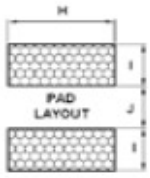
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





MODEL	A	B	C	D	H	I	J
HR 1593 8040	8.0±0.2	8.0±0.2	4.2±0.2	2.0	8.0	2.0	4.0

- All measures are in mm.

- For small DC/DC converters.
- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.

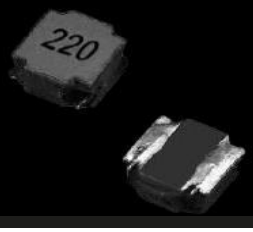
Product Identification

HR1593	.8040	1R0	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: 8040 is size.
- •(3) Inductance: 1.0uH(1R0) for 100uH.
- •(4) Inductance tolerance:M:±20%.

SHIELDED SMD POWER INDUCTOR

HR 1593 8040 Series

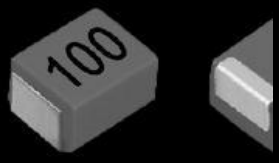


HR 1593 8040 Series

•M = ±20%	Inductance	DCR(mΩ)	I sat (A)	Irms(a)	Marking
PART No.	L (uH)	±30%	Typ.(10%)	Typ.	
HR 1593 8040-R90	0.90	7	13.8	8.05	R90
HR 1593 8040-1R4	1.4	9.5	10.8	7.80	1R4
HR 1593 8040-2R0	2.0	11	9.6	7.40	2R0
HR 1593 8040-3R3	3.3	15	7.5	6.00	3R3
HR 1593 8040-4R7	4.7	18	6.0	6.50	4R7
HR 1593 8040-6R8	6.8	25	5.4	5.10	6R8
HR 1593 8040-100	10.0	38	4.3	3.80	100
HR 1593 8040-150	15.0	50	3.6	3.20	150
HR 1593 8040-220	22.0	80	2.8	2.60	220
HR 1593 8040-330	33.0	110	2.3	2.00	330
HR 1593 8040-470	47.0	160	1.9	1.75	470
HR 1593 8040-680	68.0	240	1.7	1.45	680
HR 1593 8040-101	100.0	340	1.4	1.10	101

SHIELDED SMD POWER INDUCTOR

HR 1594 2520/3525 Series



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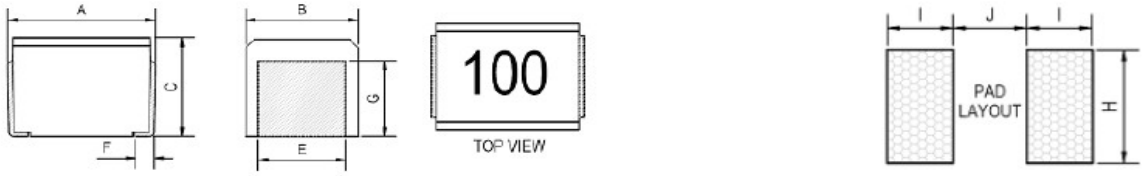
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions



MODEL	A	B	C	E	F	G	H	I	J
HR 1594 2520	2.5±0.2	2.0±0.2	1.8±0.2	1.4±0.2	0.4	1.4	1.5	1.0	1.5
HR 1594 3525	3.2±0.2	2.5±0.2	2.2±0.2	1.9±0.2	0.4	1.6	2.0	1.0	2.0

- All measures are in mm.

- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.
- SMD 2520VP / 3225VP /3225 VH are low RDC.

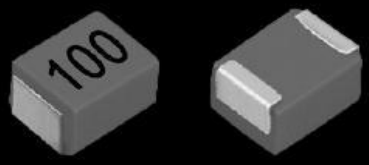
Product Identification

HR 1594	.2520	1R0	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: Style 2520
- •(3) Inductance: 1.0uH(1R0) for 22uH.
- •(4) Inductance tolerance:M:±20%.

SHIELDED SMD POWER INDUCTOR

HR 1594 2520/3225 Series

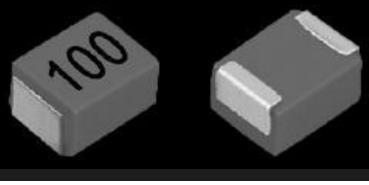


HR 1594 2520_3225 Series

•M = ±20%	Inductance	DCR(Ω)	Q		Irms(ma)	Marking
PART No.	L (uH)	±30%	Min		Typ.	
HR 1594 2520-R12	0.12	0.22	30		550	R12
HR 1594 2520-R15	0.15	0.25	30		500	R15
HR 1594 2520-R18	0.18	0.29	30		460	R18
HR 1594 2520-R22	0.22	0.30	30		430	R22
HR 1594 2520-R27	0.27	0.33	30		420	R27
HR 1594 2520-R33	0.33	0.39	30		400	R33
HR 1594 2520-R39	0.39	0.40	30		375	R39
HR 1594 2520-R47	0.47	0.44	30		350	R47
HR 1594 2520-R56	0.56	0.49	30		325	R56
HR 1594 2520-R68	0.68	0.52	30		300	R68
HR 1594 2520-R82	0.82	0.61	30		260	R82
HR 1594 2520-1R0	1.0	0.75	30		245	1R0
HR 1594 2520-1R2	1.2	0.87	30		230	1R2
HR 1594 2520-1R5	1.5	1.00	30		220	1R5
HR 1594 2520-1R8	1.8	1.10	30		210	1R8
HR 1594 2520-2R2	2.2	1.30	30		200	2R2
HR 1594 2520-2R7	2.7	1.40	30		195	2R7
HR 1594 2520-3R3	3.3	1.60	30		185	3R3
HR 1594 2520-3R9	3.9	1.70	30		180	3R9
HR 1594 2520-4R7	4.7	1.90	30		175	4R7
HR 1594 2520-5R6	5.6	2.20	30		170	5R6
HR 1594 2520-6R8	6.8	2.40	30		165	6R8
HR 1594 2520-8R2	8.2	2.60	30		160	8R2
HR 1594 2520-100	10.0	2.20	25		155	100
HR 1594 2520-120	12.0	2.50	25		150	120
HR 1594 2520-150	15.0	2.80	25		140	150
HR 1594 2520-180	18.0	3.20	25		130	180
HR 1594 2520-220	22.0	3.60	25		125	220
HR 1594 2520-270	27.0	4.30	25		115	270
HR 1594 2520-330	33.0	8.10	25		110	330
HR 1594 2520-390	39.0	8.80	25		85	390
HR 1594 2520-470	47.0	11.5	25		80	470
HR 1594 2520-560	56.0	10.0	25		75	560
HR 1594 2520-680	68.0	11.5	25		70	680
HR 1594 2520-820	82.0	12.5	25		65	820
HR 1594 2520-101	100.0	13.0	15		60	101

SHIELDED SMD POWER INDUCTOR

HR 1594 3225V Series

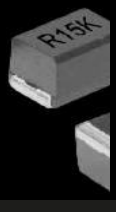


HR 1594 3525V Series

•M = ±20%	Inductance	DCR(Ω)	Q		Irms(ma)	Marking
PART No.	L (uH)	Max.	Min		Max.	
HR 1594 3525-R12	0.12	0.22	30		450	R12
HR 1594 3525-R15	0.15	0.25	30		450	R15
HR 1594 3525-R18	0.18	0.28	30		450	R18
HR 1594 3525-R22	0.22	0.32	30		450	R22
HR 1594 3525-R27	0.27	0.36	30		450	R27
HR 1594 3525-R33	0.33	0.40	30		450	R33
HR 1594 3525-R39	0.39	0.45	30		450	R39
HR 1594 3525-R47	0.47	0.50	30		450	R47
HR 1594 3525-R56	0.56	0.55	30		450	R56
HR 1594 3525-R68	0.68	0.60	30		450	R68
HR 1594 3525-R82	0.82	0.65	30		450	R82
HR 1594 3525-1R0	1.0	0.70	30		400	1R0
HR 1594 3525-1R2	1.2	0.75	30		390	1R2
HR 1594 3525-1R5	1.5	0.85	30		370	1R5
HR 1594 3525-1R8	1.8	0.90	30		350	1R8
HR 1594 3525-2R2	2.2	1.00	30		320	2R2
HR 1594 3525-2R7	2.7	1.10	30		290	2R7
HR 1594 3525-3R3	3.3	1.20	30		260	3R3
HR 1594 3525-3R9	3.9	1.30	30		250	3R9
HR 1594 3525-4R7	4.7	1.50	30		220	4R7
HR 1594 3525-5R6	5.6	1.60	30		200	5R6
HR 1594 3525-6R8	6.8	1.80	30		180	6R8
HR 1594 3525-8R2	8.2	2.00	30		170	8R2
HR 1594 3525-100	10.0	2.10	30		150	100
HR 1594 3525-120	12.0	2.50	30		140	120
HR 1594 3525-150	15.0	2.80	30		130	150
HR 1594 3525-180	18.0	3.30	30		120	180
HR 1594 3525-220	22.0	3.70	30		110	220
HR 1594 3525-270	27.0	5.00	30		80	270
HR 1594 3525-330	33.0	5.60	30		70	330
HR 1594 3525-390	39.0	6.40	30		65	390
HR 1594 3525-470	47.0	7.00	30		60	470
HR 1594 3525-560	56.0	8.00	30		55	560
HR 1594 3525-680	68.0	9.00	30		50	680
HR 1594 3525-820	82.0	10.0	30		45	820
HR 1594 3525-101	100.0	10.0	20		40	101
HR 1594 3525-121	120.0	11.0	20		70	121
HR 1594 3525-151	150.0	15.0	20		65	151
HR 1594 3525-181	180.0	17.0	20		60	181
HR 1594 3525-221	220.0	21.0	20		50	221

WIRE WOUND SMD POWER INDUCTOR

HR 1595 4532/5650/5650 Series



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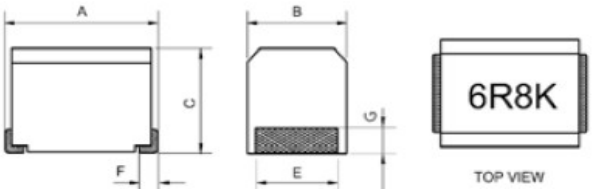
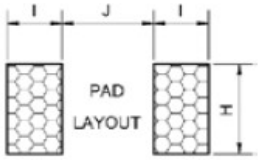
Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





MODEL	A	B	C	E	F	G	H	I	J
HR 1595 4532	4.5±0.2	3.2±0.2	3.2±0.2	2.6±0.2	0.5	0.8	2.8	1.5	3.0
HR 1595 5650	5.6±0.2	5.0±0.2	4.0±0.2	4.0±0.2	0.7±0.1	1.º	4.5	2.0	4.0
HR 1595 5650	5.6±0.2	5.0±0.2	3.0±0.2	4.0±0.2	0.7±0.1	1.4	4.5	2.0	4.0

- All measures are in mm.

- Wire wound SMD inductors.
- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.
- SMD 2520VP / 3225VP /3225 VH are low RDC.

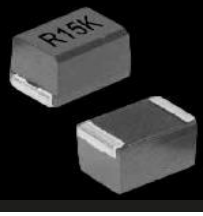
Product Identification

HR 1595	.4532	1R0	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: Style 4532
- •(3) Inductance: 1.0uH(1R0) for 10uH.
- •(4) Inductance tolerance:M:±20%.

WIRE WOUND SMD POWER INDUCTOR

HR 1595 4532V Series



HR 1595 4532V Series

•M = ±20%	Inductance	DCR(Ω)	Q	Irms(ma)
PART No.	L (uH)	Max.	Min	Typ.
HR 1595 4532-R10	0.10	0.18	35	800
HR 1595 4532-R12	0.12	0.20	35	770
HR 1595 4532-R15	0.15	0.22	35	730
HR 1595 4532-R18	0.18	0.24	35	700
HR 1595 4532-R22	0.22	0.25	40	665
HR 1595 4532-R27	0.27	0.26	40	635
HR 1595 4532-R33	0.33	0.28	40	605
HR 1595 4532-R39	0.39	0.30	40	575
HR 1595 4532-R47	0.47	0.32	40	545
HR 1595 4532-R56	0.56	0.36	40	520
HR 1595 4532-R68	0.68	0.40	40	500
HR 1595 4532-R82	0.82	0.45	40	475
HR 1595 4532-1R0	1.0	0.50	50	450
HR 1595 4532-1R2	1.2	0.55	50	430
HR 1595 4532-1R5	1.5	0.60	50	410
HR 1595 4532-1R8	1.8	0.65	50	390
HR 1595 4532-2R2	2.2	0.70	50	380
HR 1595 4532-2R7	2.7	0.75	50	370
HR 1595 4532-3R3	3.3	0.80	50	355
HR 1595 4532-3R9	3.9	0.90	50	330
HR 1595 4532-4R7	4.7	1.0	50	315
HR 1595 4532-5R6	5.6	1.1	50	300
HR 1595 4532-6R8	6.8	1.2	50	285
HR 1595 4532-8R2	8.2	1.4	50	270
HR 1595 4532-100	10	1.5	50	250
HR 1595 4532-120	12	2.0	50	225
HR 1595 4532-150	15	2.5	50	200
HR 1595 4532-180	18	2.8	50	190
HR 1595 4532-220	22	3.2	50	180
HR 1595 4532-270	27	3.6	50	170
HR 1595 4532-330	33	4.0	50	160
HR 1595 4532-390	39	4.5	50	150
HR 1595 4532-470	47	5.0	50	140
HR 1595 4532-560	56	5.5	50	135
HR 1595 4532-680	68	6.0	50	130
HR 1595 4532-820	82	7.0	50	120
HR 1595 4532-101	100	8.0	40	110
HR 1595 4532-121	120	8.0	40	110
HR 1595 4532-151	150	9.0	40	105
HR 1595 4532-181	180	9.5	40	105
HR 1595 4532-221	220	10	40	100
HR 1595 4532-271	270	12	40	92

WIRE WOUND SMD POWER INDUCTOR

SMD 4532V Series

SMD 4532V Series

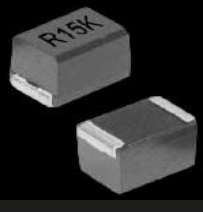
•M = ±20%	Inductance	DCR(Ω)	Q	Irms(ma)
PART No.	L (uH)	Max.	Min	Typ.
HR 1595 4532-331	330	14	40	85
HR 1595 4532-391	390	16	40	80
HR 1595 4532-471	471	26	40	62
HR 1595 4532-561	560	30	40	50
HR 1595 4532-681	681	30	40	50
HR 1595 4532-821	821	35	40	30
HR 1595 4532-102	1000	40	20	30

WIRE WOUND SMD POWER INDUCTOR

HR 1595 5650V Series

HR 1595 5650V Series

•M = ±20%	Inductance	DCR(Ω)	Q	Irms(ma)
PART No.	L (uH)	Max.	Min	Typ.
HR 1595 5650-1R0	1.0	0.030	10	1800
HR 1595 5650-1R2	1.2	0.035	10	1700
HR 1595 5650-1R5	1.5	0.04	10	1600
HR 1595 5650-1R8	1.8	0.05	10	1400
HR 1595 5650-2R2	2.2	0.06	10	1300
HR 1595 5650-2R7	2.7	0.07	10	1200
HR 1595 5650-3R3	3.3	0.08	10	1120
HR 1595 5650-3R9	3.9	0.09	10	1050
HR 1595 5650-4R7	4.7	0.11	10	950
HR 1595 5650-5R6	5.6	0.13	10	880
HR 1595 5650-6R8	6.8	0.15	10	810
HR 1595 5650-8R2	8.2	0.18	10	750
HR 1595 5650-100	10	0.21	10	690
HR 1595 5650-120	12	0.25	10	630
HR 1595 5650-150	15	0.30	10	580
HR 1595 5650-180	18	0.36	10	530
HR 1595 5650-220	22	0.43	10	480
HR 1595 5650-270	27	0.52	10	440
HR 1595 5650-330	33	0.62	10	400
HR 1595 5650-390	39	0.72	10	370
HR 1595 5650-470	47	0.85	10	340
HR 1595 5650-560	56	1.0	10	310
HR 1595 5650-680	68	1.2	10	290
HR 1595 5650-820	82	1.4	20	270
HR 1595 5650-101	100	1.6	20	250
HR 1595 5650-121	120	1.9	20	230
HR 1595 5650-151	150	2.2	20	210
HR 1595 5650-181	180	2.8	20	190
HR 1595 5650-221	220	3.4	20	170
HR 1595 5650-271	270	4.2	20	155
HR 1595 5650-331	330	4.9	20	140
HR 1595 5650-391	390	5.8	20	130
HR 1595 5650-471	470	7.0	20	120
HR 1595 5650-561	560	8.5	20	110
HR 1595 5650-681	680	10	20	100
HR 1595 5650-821	820	13	20	90
HR 1595 5650-102	1000	15	20	85
HR 1595 5650-122	1200	17	20	75
HR 1595 5650-152	1500	20	20	70
HR 1595 5650-182	1800	30	20	60
HR 1595 5650-222	2200	35	20	55
HR 1595 5650-272	2700	55	20	45



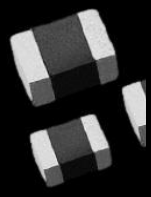
HR 1595 5650 Series

•M = ±20%	Inductance	DCR(Ω)	Q	Irms(ma)
PART No.	L (uH)	Max.	Min	Typ.
HR 1595 5650-332	3300	60	20	40
HR 1595 5650-392	3900	70	20	38
HR 1595 5650-472	4700	78	20	36
HR 1595 5650-562M	5600	85	20	33
HR 1595 5650-682	6820	110	20	30
HR 1595 5650-822	8200	125	20	28
HR 1595 5650-103	10000	150	15	25

•M = ±20%	Inductance	DCR(Ω)	Q	Irms(ma)
PART No.	L (uH)	Max.	Min	Typ.
HR 1595 5650L-1R0M	1.0	0.05	10	2900
HR 1595 5650L-1R5M	1.5	0.05	10	2600
HR 1595 5650L-2R2M	2.2	0.07	10	2300
HR 1595 5650L-3R3M	3.3	0.08	10	2000
HR 1595 5650L-4R7M	4.7	0.09	10	1500
HR 1595 5650L-6R8M	6.8	0.13	10	1200
HR 1595 5650L-100M	10	0.16	10	1100
HR 1595 5650L-150M	15	0.23	10	900
HR 1595 5650L-220M	22	0.37	10	700
HR 1595 5650L-330M	33	0.51	10	580
HR 1595 5650L-470M	47	0.64	10	500
HR 1595 5650L-680M	68	0.86	10	400
HR 1595 5650L-101M	100	1.27	10	300
HR 1595 5650L-151M	150	2.00	10	250
HR 1595 5650L-221M	220	3.11	10	200
HR 1595 5650L-331M	330	3.80	10	160
HR 1595 5650L-471M	470	6.20	10	150
HR 1595 5650L-681M	680	9.20	10	120
HR 1595 5650L-102M	1000	13.8	10	70

SMD WOUND CHIP INDUCTOR

HR 1596 1608/2012/2016/2518 Series



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Aplications:

- DC/DC converter fo CPU .
- LCD displays,HDDs,etc.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions

MODEL	A	B	C	D	H	I	J
HR 1596 1608	1.6±0.2	0.8±0.2	0.80±0.2	0.35±0.2	1.0	0.55	0.70
HR 1596 2012	2.0±0.2	1.25±0.2	1.25±0.2	0.5±0.2	1.45	0.70	0.80
HR 1596 2016	2.0±0.2	1.60±0.2	1.60±0.2	0.5±0.2	1.80	0.70	0.80
HR 1596 2518	2.5±0.2	1.80±0.2	1.80±0.2	0.5±0.2	2.00	0.80	0.80

- All measures are in mm.

- Wire wound SMD inductors.
- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.
- SMD 2520 / 3225 /3225 are low RDC.

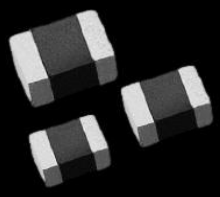
Product Identification

HR 1596	.2012	1R0	M
•(1)	•(2)	•(3)	•(4)

- •(1) Series: ultra High Power Inductors.
- •(2) Dimensions: Style 2012
- •(3) Inductance: 1.0uH(1R0) for 10uH.
- •(4) Inductance tolerance:M:±20%.

SMD WOUND CHIP INDUCTOR

HR 1596 1608/2012/2016

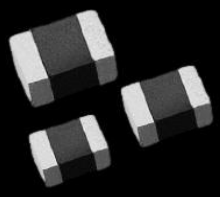


HR 1596 1608/2012/2016 Series

•M = ±20%	Inductance	DCR(Ω)	SRF	Irms(ma)
PART No.	L (uH)	±30%	(MHz).	Typ.
HR 1596 1608-1R0	1.0	0.17	100	60
HR 1596 1608-2R2	1.2	0.33	80	115
HR 1596 1608-4R7	4.7	0.55	45	70
HR 1596 1608-8R2	8.2	0.70	32	60
HR 1596 1608-100	10	0.70	32	60

•M = ±20%	Inductance	DCR(Ω)	SRF	Irms(ma)
PART No.	L (uH)	±30%	(MHz).	Typ.
HR 1596 2012-1R0	1.0	0.15	100	405
HR 1596 2012-2R2	2.2	0.23	80	260
HR 1596 2012-3R3	3.3	0.30	55	235
HR 1596 2012-4R7	4.7	0.40	45	190
HR 1596 2012-6R8	6.8	0.47	38	135
HR 1596 2012-100	10	0.70	32	120
HR 1596 2012-150	15	1.30	28	100
HR 1596 2012-220	22	1.70	16	80
HR 1596 2012-470	47	3.70	11	60
HR 1596 2012-680	68	6.00	10	50
HR 1596 2012-101	100	7.00	8	45

•M = ±20%	Inductance	DCR(Ω)	SRF	Irms(ma)
PART No.	L (uH)	±30%	(MHz).	Typ.
HR 1596 2016-1R0	1.0	0.09	100	490
HR 1596 2016-1R5	1.5	0.11	80	380
HR 1596 2016-2R2	2.2	0.13	70	375
HR 1596 2016-3R3	3.3	0.20	55	285
HR 1596 2016-4R7	4.7	0.25	45	225
HR 1596 2016-6R8	6.8	0.35	38	200
HR 1596 2016-100	10	0.50	32	155
HR 1596 2016-150	15	0.70	28	130
HR 1596 2016-220	22	1.00	16	105
HR 1596 2016-330	33	1.70	14	85
HR 1596 2016-470	47	2.40	11	70
HR 1596 2016-680	68	3.00	10	55
HR 1596 2016-101	100	4.50	8	40

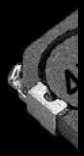


SMW 2518 Series

•M = ±20%	Inductance	DCR(Ω)	SRF	Irms(ma)
PART No.	L (uH)	±30%	(MHz).	Typ.
HR 1596 2518-1R0	1.0	0.06	100	665
HR 1596 2518-1R5	1.5	0.07	80	405
HR 1596 2518-2R2	2.2	0.09	68	340
HR 1596 2518-3R3	3.3	0.11	54	280
HR 1596 2518-4R7	4.7	0.13	46	240
HR 1596 2518-6R8	6.8	0.15	38	195
HR 1596 2518-100	10	0.25	30	165
HR 1596 2518-150	15	0.32	23	145
HR 1596 2518-220	22	0.50	19	115
HR 1596 2518-330	33	0.70	15	95
HR 1596 2518-470	47	0.95	12	85
HR 1596 2518-680	68	1.50	9.5	70
HR 1596 2518-101	100	2.10	9	60
HR 1596 2518-151	150	3.20	7	45
HR 1596 2518-221	220	4.50	5.5	40
HR 1596 2518-331	330	7.00	4.5	30
HR 1596 2518-471	470	10.0	3.5	25
HR 1596 2518-681	680	17.0	3	20
HR 1596 2518-102	1000	24.0	2.4	15

UNSHIELDED SMT POWER INDUCTOR

HR 1597 5D28R/103R/104R/105R Series



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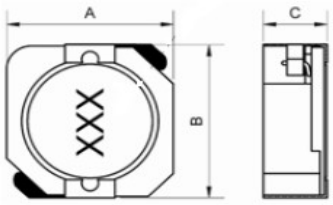
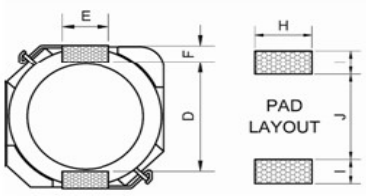
Aplications:

- DC/DC converters fo CPU .
- High power .High saturation inductors.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





MODEL	A	B	C	D	E	F	H	I	J
HR 1597 5D28R	6.2±0.2	6.3	3	4.7	2.0	0.6	2.6	1.0	4.6
HR 1597 103R	10.3±0.2	6.4	3	7.7	3.0	1.2	3.6	1.7	7.3
HR 1597 104R	10.3±0.2	6.4	4	7.7	3.0	1.2	3.6	1.7	7.3
HR 1597 105R	10.3±0.2	6.4	5	7.7	3.0	1.2	3.6	1.7	7.3

- All measures are in mm.

- Wire wound SMD inductors.
- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.
- SMD 2520VP / 3225VP /3225 VH are low RDC.

Product Identification

HR 1597	DRH104R	-470	N
•(1)	•(2)	•(3)	•(4)

- •(1) Sourface MountablE Type
- •(2) Dimensions: Style 104R
- •(3) Inductance: Example:470 for 47uH.
- •(4) Inductance tolerance:N:±30%.

HR 1597 5D28 Series

•N = ±30%	Inductance	DCR(mΩ)		I SAT(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1597 5D28-2R5	2.5	17.6	14	2.30	2.7	4.00	5.0
HR 1597 5D28-3R3	1.5	20.3	16	1.96	2.30	3.20	4.10
HR 1597 5D28-4R0	4.0	27.3	20	1.87	2.20	2.80	3.7
HR 1597 5D28-5R0	5.0	31.1	25	1.70	2.00	2.40	3.10
HR 1597 5D28-6R0	6.0	41.9	28	1.53	1.80	2.35	3.05
HR 1597 5D28-8R0	8.0	49.9	37	1.23	1.45	2.30	3.00
HR 1597 5D28-100	10	54.0	47	1.19	1.40	2.20	2.60
HR 1597 5D28-120	12	71.6	51	1.02	1.20	1.95	2.40
HR 1597 5D28-150	15	82.4	66	0.98	1.15	1.90	2.30
HR 1597 5D28-180	18	101.5	84	0.81	0.95	1.45	1.85
HR 1597 5D28-220	22	119.0	95	0.77	0.90	1.40	1.80
HR 1597 5D28-270	27	146.0	120	0.72	0.85	1.35	1.60
HR 1597 5D28-330	33	182.5	140	0.68	0.80	1.30	1.55
HR 1597 5D28-390	39	209.5	180	0.60	0.70	1.25	1.45
HR 1597 5D28-470	47	229.5	200	0.55	0.65	1.20	1.40
HR 1597 5D28-560	56	305.0	240	0.53	0.62	1.10	1.30
HR 1597 5D28-680	68	351.0	290	0.51	0.60	0.98	1.25
HR 1597 5D28-820	82	418.5	330	0.47	0.55	0.95	1.20
HR 1597 5D28-101	100	610.0	490	0.4	0.50	0.70	0.90

HR 1597 5D28R/103R/104R/105R Series

•N = ±30%	Inductance	DCR(mΩ)		I sat(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1597 103-R80	0.8	5.7	5.3	9.6	12.0	6.00	7.00
HR 1597 103-1R5	1.5	11	8.2	7.55	9.40	4.90	6.00
HR 1597 103-2R2	2.2	17	11	5.95	7.40	5.00	5.60
HR 1597 103-3R3	3.3	2	15	5.25	6.55	4.20	5.40
HR 1597 103-4R7	4.7	30	23	4.50	5.60	3.30	3.90
HR 1597 103-6R8	6.8	35	31	3.85	4.80	3.00	3.60
HR 1597 103-8R2	8.2	50	39	3.30	4.10	2.60	3.40
HR 1597 103-100	10	58	44	2.90	3.60	2.50	3.20
HR 1597 103-120	12	72	59	2.80	3.50	2.40	2.90
HR 1597 103-150	15	87	65	2.75	3.40	2.26	2.75
HR 1597 103-180	18	116	82	2.42	3.02	2.00	2.20
HR 1597 103-220	22	143	89	2.25	2.79	1.60	2.00
HR 1597 103-270	27	170	130	1.65	2.07	1.40	1.78
HR 1597 103-330	33	220	150	1.62	2.02	1.35	1.70
HR 1597 103-390	39	270	210	1.45	1.82	1.10	1.39
HR 1597 103-470	47	300	220	1.44	1.80	1.09	1.33
HR 1597 103-560	56	330	250	1.30	1.60	1.00	1.32
HR 1597 103-680	68	430	340	1.11	1.44	0.90	1.11
HR 1597 103-820	82	490	370	1.11	1.39	0.85	1.05
HR 1597 103-101	100	680	530	0.98	1.22	0.73	0.91
HR 1597 103-121	120	750	590	0.90	1.10	0.72	0.88
HR 1597 103-151	150	870	730	0.78	0.98	0.68	0.82
HR 1597 103-221	220	1200	830	0.56	0.70	0.64	0.78
HR 1597 103-331	330	1600	1240	0.48	0.60	0.60	0.70

UNSHIELDED SMD POWER INDUCTOR

HR 1597 104/103R/104R/105R Series

HR 1597 5D28R/103R/104R/105R Series

•N = ±30%	Inductance	DCR(mΩ)		I sat(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1597 104-1R5	1.5	8.1	5.6	1.30	14.1	6.70	8.40
HR 1597 104-2R5	2.5	10	7.8	8.35	10.4	6.00	7.50
HR 1597 104-3R8	3.8	13	11	6.25	7.80	5.40	6.60
HR 1597 104-5R2	5.2	22	16	5.45	6.80	4.50	5.50
HR 1597 104-7R0	7.0	27	21	4.80	6.00	3.80	4.80
HR 1597 104-100	10	35	27	3.70	4.60	3.20	4.00
HR 1597 104-150	15	50	42	3.40	4.00	2.50	3.10
HR 1597 104-220	22	73	60	2.80	3.50	2.30	2.80
HR 1597 104-330	33	110	87	2.40	3.00	2.00	2.40
HR 1597 104-470	47	128	110	1.75	2.18	1.80	2.20
HR 1597 104-680	68	213	160	1.70	2.10	1.50	1.80
HR 1597 104-101	100	304	230	1.45	1.78	1.30	1.60
HR 1597 104-151	150	506	420	1.11	1.39	0.85	1.05
HR 1597 104-221	220	756	580	0.96	1.20	0.78	0.92
HR 1597 104-331	330	1200	960	0.70	0.88	0.65	0.75

HR 1597 5D28R/103R/104R/105R Series

•N = ±30%	Inductance	DCR(mΩ)		I sat(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1597 105-R80	0.80	4.3	3.7	16.0	20.0	7.00	9.00
HR 1597 105-1R5	1.5	5.8	4.8	11.6	14.5	6.50	8.00
HR 1597 105-2R2	2.2	7.2	6.8	10.3	12.9	5.80	7.00
HR 1597 105-3R3	3.3	10	7.8	7.60	9.50	5.40	6.50
HR 1597 105-4R7	4.7	12	11	7.40	9.20	5.20	6.30
HR 1597 105-6R8	6.8	18	15	5.60	7.00	5.00	6.05
HR 1597 105-8R2	8.2	20	17	4.45	5.56	3.60	4.60
HR 1597 105-100	10	26	22	4.10	5.10	3.50	4.40
HR 1597 105-120	12	32	25	3.95	4.90	3.20	4.00
HR 1597 105-150	15	40	30	3.36	4.20	2.90	3.60
HR 1597 105-180	18	46	36	2.96	3.70	2.80	3.40
HR 1597 105-220	22	59	45	2.65	3.30	2.60	3.20
HR 1597 105-270	27	65	49	2.56	3.20	2.50	3.10
HR 1597 105-330	33	81	63	2.20	2.70	2.10	2.60
HR 1597 105-390	39	103	85	1.98	2.48	2.00	2.50
HR 1597 105-470	47	122	105	1.90	2.35	1.90	2.30
HR 1597 105-560	56	145	115	1.85	2.30	1.78	2.10
HR 1597 105-680	68	190	140	1.61	2.02	1.58	1.90
HR 1597 105-820	82	220	160	1.45	1.80	1.30	1.62
HR 1597 105-101	100	250	210	1.21	1.52	1.20	1.50
HR 1597 105-121	120	300	240	1.12	1.40	1.15	1.45
HR 1597 105-151	150	350	270	1.05	1.32	1.10	1.38
HR 1597 105-181	180	390	350	0.97	1.21	0.98	1.20
HR 1597 105-221	220	480	410	0.86	1.08	0.89	1.10
HR 1597 105-271	270	630	530	0.70	0.88	0.80	0.98
HR 1597 105-331	330	780	620	0.68	0.85	0.72	0.90
HR 1597 105-391	390	960	810	0.62	0.78	0.61	0.78
HR 1597 105-471	470	1200	1130	0.57	0.71	0.58	0.72
HR 1597 105-561	560	1350	1210	0.52	0.65	0.55	0.68
HR 1597 105-681	680	1520	1350	0.47	0.59	0.52	0.62
HR 1597 105-821	820	1690	1490	0.41	0.51	0.49	0.60
HR 1597 105-102	1000	1946	1920	0.39	0.49	0.43	0.52

SHIELDED SMD POWER INDUCTOR

HR 1598 062/073/129 Series

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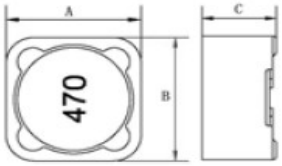
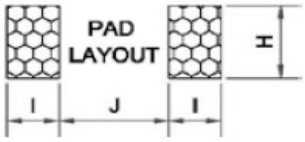
Aplications:

- DC/DC converters fo CPU .
- High power .High saturation inductors.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat):The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δ t=40ºC
- Operating temperature: -40ºC to +105ºC
- All parts meet ROHS compliance

Shape and Dimensions





MODEL	A	B	C	H	I	J
HR 1598 062	6.2±0.2	6.3±0.2	3	1.9	1.4	4.6
HR 1598 073	7.3±0.2	6.3±0.2	3.4	2.2	1.6	4.8
HR 1598 129	12.3±0.2	6.3±0.2	10.0	5.4	2.9	7.0

- All measures are in mm.

- Wire wound SMD inductors.
- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition : 1MHz, 1.0Vrms.
- I sat(Typ) : DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max) : DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ) : DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max) : DC current (a) that will cause an ΔT of 40°C max.
- SMD 2520VP / 3225VP /3225 VH are low RDC.

Product Identification

HR 1598 .062 -470 N

•(1) •(2) •(3) •(4)

Product Identification:

- •(1) Sourface MountablE Type
- •(2) Dimensions: Style 062
- •(3) Inductance: Example:470 for 47uH.
- •(4) Inductance tolerance:M:±20%.

SHIELDED SMD POWER INDUCTOR

HR 1598 062/073/129 Series

HR 1598 062 Series

•M = ±20%	Inductance	DCR(Ω)		I sat(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1598 062-100	10	0.15	0.11	1.40	1.70	1.32	1.62
HR 1598 062-120	12	0.20	0.12	1.25	1.55	1.22	1.58
HR 1598 062-150	15	0.23	0.16	1.15	1.40	1.18	1.40
HR 1598 062-180	18	0.27	0.19	1.05	1.30	1.05	1.32
HR 1598 062-220	22	0.34	0.25	0.95	1.15	1.00	1.20
HR 1598 062-270	27	0.38	0.28	0.85	1.05	0.98	1.18
HR 1598 062-330	33	0.45	0.32	0.80	1.00	0.90	1.10
HR 1598 062-390	39	0.49	0.35	0.65	0.90	0.84	1.00
HR 1598 062-470	47	0.69	0.52	0.62	0.82	0.70	0.90
HR 1598 062-560	56	0.78	0.65	0.57	0.71	0.65	0.79
HR 1598 062-680	68	1.07	0.84	0.51	0.64	0.60	70
HR 1598 062-820	82	1.21	0.99	0.48	0.61	0.55	0.60
HR 1598 062-101	100	1.39	1.15	0.42	0.53	0.48	0.54
HR 1598 062-121	120	1.90	1.40	0.38	0.50	0.41	0.50
HR 1598 062-151	150	2.18	1.64	0.38	0.48	0.36	0.45
HR 1598 062-181	180	2.77	2.18	0.32	0.40	0.35	0.42
HR 1598 062-221	220	3.12	2.47	0.29	0.37	0.34	0.40
HR 1598 062-271	270	4.38	3.60	0.26	0.32	0.27	0.34
HR 1598 062-331	330	4.94	3.98	0.23	0.29	0.24	0.29
HR 1598 062-561	560	6.80	5.69	0.17	0.21	0.21	0.27
HR 1598 062-102	1000	12.0	10.0	0.14	0.18	0.18	0.24

SHIELDED SMD POWER INDUCTOR

HR 1598 062/073/129 Series

HR 1598 073 Series

•M = ±20%	Inductance	DCR(Ω)		I sat(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1598 073-100	10	0.072	0.057	2.10	2.60	2.10	2.58
HR 1598 073-120	12	0.098	0.074	2.00	2.50	2.00	2.42
HR 1598 073-150	15	0.13	0.081	1.60	2.00	1.90	2.38
HR 1598 073-180	18	0.14	0.12	1.55	1.90	1.70	2.10
HR 1598 073-220	22	0.19	0.13	1.45	1.80	1.58	1.90
HR 1598 073-270	27	0.21	0.16	1.20	1.60	1.45	1.75
HR 1598 073-330	33	0.24	0.17	1.20	1.50	1.38	1.62
HR 1598 073-390	39	0.32	0.23	1.05	1.30	1.00	1.25
HR 1598 073-470	47	0.36	0.31	0.96	1.20	0.90	1.20
HR 1598 073-560	56	0.47	0.35	0.92	1.15	0.85	1.10
HR 1598 073-680	68	0.52	0.45	0.80	1.00	0.81	1.02
HR 1598 073-820	82	0.69	0.49	0.76	0.95	0.78	0.95
HR 1598 073-101	100	0.79	0.56	0.65	0.82	0.70	0.88
HR 1598 073-121	120	0.89	0.61	0.59	0.74	0.67	0.81
HR 1598 073-151	150	1.27	0.98	0.53	0.66	0.62	0.64
HR 1598 073-181	180	1.45	1.14	0.51	0.64	0.49	0.60
HR 1598 073-221	220	1.65	1.28	0.43	0.54	0.46	0.58
HR 1598 073-271	270	2.13	1.84	0.39	0.49	0.40	0.50
HR 1598 073-331	330	2.62	2.23	0.37	0.47	0.37	0.45
HR 1598 073-391	330	2.94	2.44	0.36	0.45	0.34	0.41
HR 1598 073-471	470	4.18	3.65	0.29	0.36	0.29	0.36
HR 1598 073-561	560	4.67	4.13	0.27	0.34	0.26	0.33
HR 1598 073-681	680	5.73	4.70	0.25	0.31	0.25	O.32
HR 1598 073-821	820	6.54	5.40	0.23	0.29	0.23	0.28
HR 1598 073-102	1000	9.44	5.88	0.22	0.27	0.22	0.27

SHIELDED SMD POWER INDUCTOR

HR 1598 062/073/129 Series

HR 1598 /129 Series

•M = ±20%	Inductance	DCR(Ω)		I sat(A)		I rms(A)	
PART No.	L (uH)	Max.	Typ.	Max.	Typ.	Max.	Typ.
HR 1598 129-100	10	0.018	0.012	9.00	11.0	4.80	6.50
HR 1598 129-120	12	0.019	0.016	8.50	10.5	4.50	6.40
HR 1598 129-150	15	0.260	0.019	7.20	9.00	4.20	6.10
HR 1598 129-220	22	0.290	0.230	5.95	7.40	4.00	4.80
HR 1598 129-270	27	0.530	0.380	4.80	6.00	3.50	4.40
HR 1598 129-470	47	0.630	0.470	3.95	4.90	3.00	3.80
HR 1598 129-560	56	0.680	0.570	3.76	4.70	2.80	3.50
HR 1598 129-680	68	0.930	0.760	3.68	4.60	2.60	3.30
HR 1598 129-820	82	0.990	0.850	3.40	4.20	2.55	3.10
HR 1598 129-101	100	0.126	0.980	2.56	3.20	2.40	2.80
HR 1598 129-121	120	0.150	0.110	2.35	2.90	2.20	2.64
HR 1598 129-151	150	0.170	0.120	1.95	2.40	1.81	2.21
HR 1598 129-181	180	0.190	0.150	1.76	2.20	1.78	2.18
HR 1598 129-221	220	0.250	0.180	1.58	1.98	1.75	2.10
HR 1598 129-331	330	0.390	0.260	1.40	1.70	1.41	1.78
HR 1598 129-471	470	0.470	0.350	1.00	1.25	1.25	1.52
HR 1598 129-561	560	0.650	0.470	1.05	1.28	1.09	1.31
HR 1598 129-681	680	0.73	0.580	0.95	1.18	0.95	1.14
HR 1598 129-821	820	0.820	0.650	0.80	1.00	0.89	1.08
HR 1598 129-102	1000	1 200	0.890	0.75	0.90	0.75	0.91
HR 1598 129-122	1200	1 330	1 100	0.65	0.80	0.72	0.89
HR 1598 129-152	1500	1 990	1 460	0.60	0.75	0.60	0.71
HR 1598 129-182	1800	2 180	1 640	0.57	0.72	0.58	0.68
HR 1598 129-222	2200	2 580	1 860	0.40	0.62	0.55	0.65

SWITCH MODE POWER SUPPLY
SMPS20
3W

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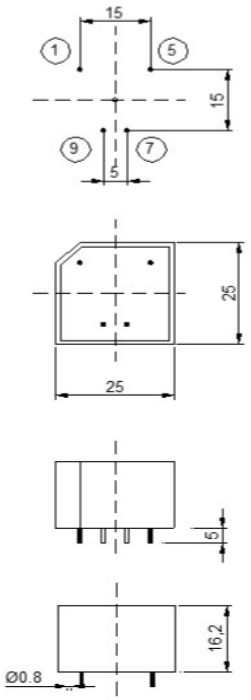
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

FEATURES

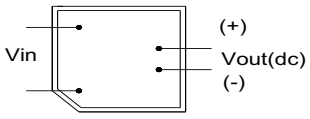
Input AC voltage range	85-265Vac	Output short circuit prot.	Yes
Line Frequency	47-63Hz	Thermal protection	Yes
Input current (full load)	0.15A max at 85Vac-265Vac	Hi pot	4000 Vac (5mA, 3 seconds)
Input Power (no load)	≤ 0.15W at 230V	DC-Insulation resistance	10MΩ min. at 500Vdc
Output ripple	≤ 200mV	Output line regulation	±2%
Rise time output voltage	200ms at 80%	Output load regulation	±5%
Output overcurrent prot.	Yes		

ELECTRICAL CHARACTERISTICS

REFERENCE	OUTPUT VOLTAGE (V)	OUTPUT CURRENT (A)	OUTPUT POWER (W)	OPERATING AMBIENT (ºC)	OUTPUT REGULATION	EFFICIENCY
SMPS-2003103	3,3	0,3	1	80	±5%	≥65%
		0,75	2,5	60		
		0,9	3	50		
SMPS-2003105	5	0,2	1	80	±5%	≥65%
		0,5	2,5	60		
		0,9	3	50		≥75%
SMPS-2003109	9	0,11	1	80	±5%	≥65%
		0,17	2,5	70		≥75%
		0,33	3	60		
SMPS-2003112	12	0,08	1	80	±5%	≥65%
		0,2	2,5	70		≥75%
		0,25	3	60		
SMPS-2003115	15	0,06	1	80	±5%	≥65%
		0,16	2,5	70		≥75%
		0,2	3	60		
SMPS-2003118	18	0,5	1	80	±5%	≥65%
		0,13	2,5	70		≥75%
		0,16	3	60		
SMPS-2003124	24	0,04	1	80	±5%	≥75%
		0,1	2,5	70		
		0,12	3	60		



TECHNICAL INFORMATION



THERMAL CHARACTERISTICS	
Storage ambient temperature	-30ºC ~ 85ºC
Storage ambient humidity	10% ~ 95%
Operating ambient temperature	-20ºC ~ 80ºC
Operanting ambient humidity	10% ~ 95%
Maximum working temperature	50ºC~ 80ºC (see table)
SAFETY	According to EN60950,EN60335,EN61558-2-16,EN61558-2-17
EMC	(Conducted and Radiated Emissions) According to EN55032,EN55014
Immunity	According to EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6,EN61000-4-8,EN61000-4-11
RoHS	Directive 2015/863/EU

SWITCH MODE POWER SUPPLY
SMPS30
5W

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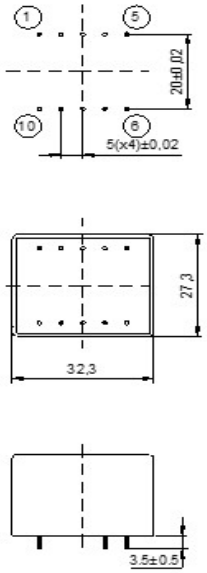
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

FEATURES

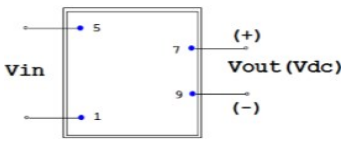
Input AC voltage range	85-265Vac	Output short circuit prot.	Yes
Line Frequency	47-63Hz	Thermal protection	Yes
Input current (full load)	0.2A max at 85Vac-265Vac	Hi pot	4000 Vac (5mA, 3 seconds)
Input Power (no load)	≤ 0.25W at 230V	DC-Insulation resistance	10MΩ min. at 500Vdc
Output ripple	≤ 200mV	Output line regulation	±2%
Rise time output voltage	200ms at 80%	Output load regulation	±5%
Output overcurrent prot.	Yes		

ELECTRICAL CHARACTERISTICS

REFERENCE	OUTPUT VOLTAGE (V)	OUTPUT CURRENT (A)	OUTPUT POWER (W)	OPERATING AMBIENT (ºC)	OUTPUT REGULATION	EFFICIENCY
SMPS-3005103	3,3	1.51	5	60	±5%	≥70%
SMPS-3005105	5	1	5	60	±5%	≥70%
SMPS-3005109	9	0,55	5	60	±5%	≥75%
SMPS-3005112	12	0,41	5	60	±5%	≥75%
SMPS-3005115	15	0,33	5	60	±5%	≥75%
SMPS-3005118	18	0,27	5	60	±5%	≥80%
SMPS-3005124	24	0,2	5	60	±5%	≥80%



TECHNICAL INFORMATION



THERMAL CHARACTERISTICS	
Storage ambient temperature	-30ºC ~ 85ºC
Storage ambient humidity	10% ~ 95%
Operating ambient temperature	-20ºC ~ 80ºC
Operanting ambient humidity	10% ~ 95%
Maximum working temperature	50ºC~ 80ºC (see table)
SAFETY	According to EN60950,EN60335,EN61558-2-16,EN61558-2-17,EN IC 62386-1:2020
EMC	(Conducted and Radiated Emissions) According to EN55032,EN55014
Immunity	According to EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6,EN61000-4-8,EN61000-4-11
Directive 2015/863/EU	Directive 2015/863/EU

SWITCH MODE POWER SUPPLY
SMPS6020 20W

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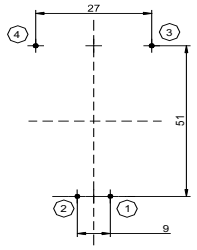
FEATURES

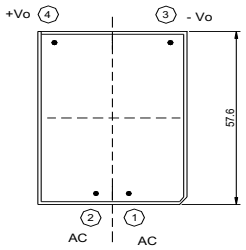
Input AC voltage range	85-265 vAC	Output short circuit prot.	Yes
Line Frequency	47-63Hz	Thermal protection	Yes
Input current(full load)	0.2A max at 85Vac-265Vac	Hi pot	4000Vac (5mA,3 seconds)
Input Power (no load)	≤0.25W at 230V	DC_Insulation resistence	100MΩ min at 500Vdc
Output ripple	≤200mV	Ouput line regulation.	±2%
Rise time output voltage	200mS at 80%	Output load regulation	±5%
Output overcurrent prot.	Yes		

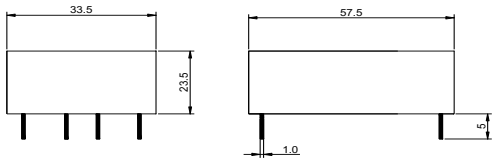


ELECTRICAL CHARACTERISTICS

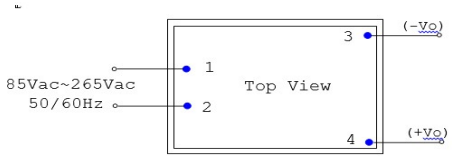
REFERENCE	OUTPUT VOLTAGE(V)	OUTPUT COURRENT(A)
SMPS 6020 105	5	4
SMPS 6020 109	9	2.2
SMPS 6020 112	12	1.6
SMPS 6020 115	15	1.3
SMPS 6020 124	24	0.83

OUTPUT POWER (W)	20W
OPERATING AMBIENT (˚C)	60 ˚C
OUTPUT REGULATION	±5%
EFICIENCY	≥75%





TECHNICAL INFORMATION



Directive 2015/863/EU

THERMAL CHARACTERISTICS	
Storage ambient temperature	T -30˚C ~+85˚C
Storage ambient humidity	10% ~ 95%
Operating ambient temperature	T -20˚C ~+80˚C
Operating ambient humidity	10% ~ 95%
Maximum working temperature	_T -30˚C ~+85˚C
SAFETY	Acording to EN60950,EN603355,EN61558-2-16,EN61558-2-17,EN IC 238-1:2020
EMC	(Conducted and Radiated Emissions)Acording to EN55032,en55014
Immunity	Acording to EN61000-3-3,EN 61000-4-2,EN6100-4-3,EN61000-4-4,EN61000-4-5,EN6100-4-8,EN61000-4-11

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