

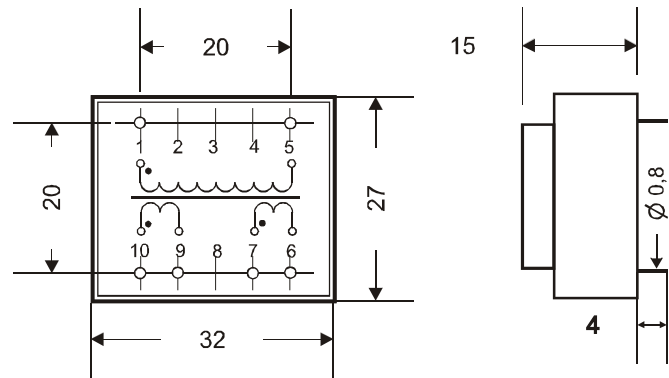
TYPE: ME.TRE-0,6 0,6VA
CORE SIZE: EI30/5

Features

- Epoxy resin cast
- Two chambers bobbin
- Insulation primary-secondary: 4KV
- Increased humidity resistance

Manufacturing standard: EN 61558

- Safety insulation transformer
- Selectable max. ambient temperature
 t_a 40°C or t_a 70°C
- Insulation class:
 $t_a=40^\circ\text{C}/\text{B}$ 130°C or $t_a=70^\circ\text{C}/\text{F}$ 155°C
- Degree of protection: IP00
- Sort-circuit protected



- The mains voltage may be 10% higher or lower than the nominal one so the power of the transformer has to be chosen accordingly.
 - The tests of transformers according to the standard EN61558-1 chapter 27.2 were not carried out because the final design of the cover can affect the result. The chapter 27.2 does not concern to the IP00 protection.
 - The threshold temperature at abnormal operating conditions is the temperature which has to be taken into consideration if the transformer is built in a device.
- Short-circuit proof design, Insulation class: B/175 °C or F/190 °C

Application

- PCB mounting installation
- Small installation area
- Without primary fusing

Deviation of secondary voltages 10%

Model number	Primary voltage	Pin configuration	Secondary voltage	Pin configuration	Secondary current
ME.TRE-06.30106	230 V	1-5	6 V	7-9	0.100 A
ME.TRE-06.30175	230 V	1-5	7.5 V	7-9	0.080 A
ME.TRE-06.30109	230 V	1-5	9 V	7-9	0.066 A
ME.TRE-06.30112	230 V	1-5	12 V	7-9	0.050 A
ME.TRE-06.301135	230 V	1-5	13.5 V	7-9	0.044 A
ME.TRE-06.30115	230 V	1-5	15 V	7-9	0.040 A
ME.TRE-06.30118	230 V	1-5	18 V	7-9	0.033 A
ME.TRE-06.30124	230 V	1-5	24 V	7-9	0.025 A

Deviation of secondary voltages 15%

ME.TRE-06.30106-2	230 V	1-5	2×6 V	6-7 9-10	2×0.050 A
ME.TRE-06.30175-2	230 V	1-5	2×7.5 V	6-7 9-10	2×0.040 A
ME.TRE-06.30109-2	230 V	1-5	2×9 V	6-7 9-10	2×0.033 A
ME.TRE-06.30112-2	230 V	1-5	2×12 V	6-7 9-10	2×0.025 A
ME.TRE-06.301135-2	230 V	1-5	2×13.5 V	6-7 9-10	2×0.022 A
ME.TRE-06.30115-2	230 V	1-5	2×15 V	6-7 9-10	2×0.020 A
ME.TRE-06.30118-2 *	230 V	1-5	2×18 V	6-7 9-10	2×0.016 A
ME.TRE-06.30124-2 *	230 V	1-5	2×24 V	6-7 9-10	2×0.013 A

*Certified as insulation transformer