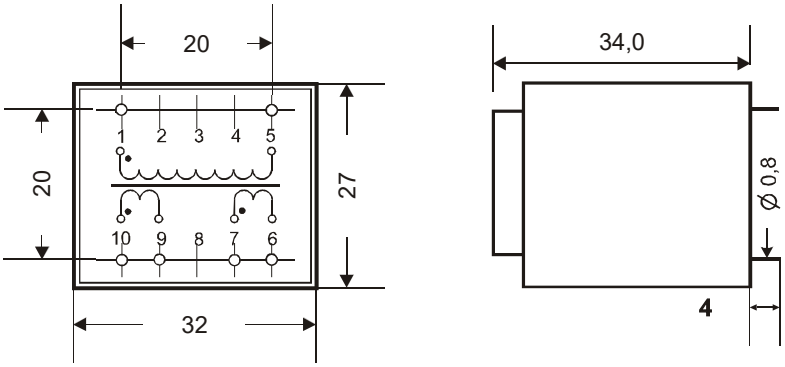
TYPE: ME.TRE-3,5 3,5VA
CORE SIZE: EI30/23

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 ta 40ºC or ta 70ºC
- Insulation class: ta=40ºC/B 130ºC or ta=70ºC/F 155ºC
- Degree of protection: IP00
- Not short-circuited



- 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 trasformer is built in a device.

Not short-circuit proof design, Insulation class: B/225 °C or F/240 °C

Application

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

Deviation of secondary voltages 5%

Model number	Primary voltage	Pin configuration	Secondary voltage	Pin configuration	Secondary current	Fuse
ME.TRE-3,5.30606	230 V	1-5	6 V	7-9	0.583 A	630 mAT
ME.TRE-3,5.30675	230 V	1-5	7.5 V	7-9	0.466 A	500 mAT
ME.TRE-3,5.30609	230 V	1-5	9 V	7-9	0.388 A	400 mAT
ME.TRE-3,5.30612	230 V	1-5	12 V	7-9	0.291 A	315 mAT
ME.TRE-3,5.306135	230 V	1-5	13.5 V	7-9	0.259 A	250 mAT
ME.TRE-3,5.30615	230 V	1-5	15 V	7-9	0.233 A	250 mAT
ME.TRE-3,5.30618	230 V	1-5	18 V	7-9	0.194 A	200 mAT
ME.TRE-3,5.30624	230 V	1-5	24 V	7-9	0.145 A	160 mAT

ME.TRE-3,5.30606-2	230 V	1-5	2×6 V	6-7 9-10	2×0.291 A	315 mAT
ME.TRE-3,5.30675-2	230 V	1-5	2×7.5 V	6-7 9-10	2×0.233 A	250 mAT
ME.TRE-3,5.30609-2	230 V	1-5	2×9 V	6-7 9-10	2×0.194 A	200 mAT
ME.TRE-3,5.30612-2	230 V	1-5	2×12 V	6-7 9-10	2×0.145 A	160 mAT
ME.TRE-3,5.306135-2	230 V	1-5	2×13.5 V	6-7 9-10	2×0.129 A	125 mAT
ME.TRE-3,5.30615-2	230 V	1-5	2×15 V	6-7 9-10	2×0.116 A	125 mAT
ME.TRE-3,5.30618-2 *	230 V	1-5	2×18 V	6-7 9-10	2×0.097 A	100 mAT
ME.TRE-3,5.30624-2 *	230 V	1-5	2×24 V	6-7 9-10	2×0.072 A	80 mAT

*Certified as insulation transformer

MAKRAI Transformers