



## Technical datasheet 230TMHD1600



Brand	EREA
Article Number	230TMHD1600
EAN-code Barcode	5414503119827
Code	11982
Product type	Single-phase isolating transformer
Primary Voltage	230V AC
Secondary Voltage	230V AC
Power	1600 W
Standards	EN 61558-2-15
Installation prescriptions	T013 (ed. 2) HD 60 364-7-710

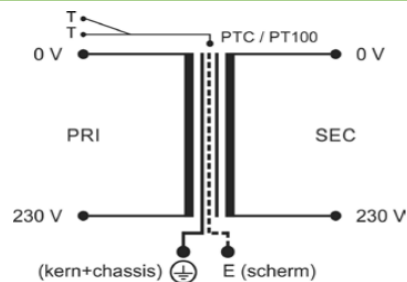
### General properties

Application	In medical purpose rooms	Finishing	Vacuum- and pressure- varnish impregnated
Protection class	Prepared for protection class I	Maximum ambient temperature $t_a$	50 °C
Degree of protection	IP00	Temperature class transfo	B

### Electrical properties

Frequency	50-60 Hz	No-load Loss $P_o$	28 W
Efficiency $\eta$ (20°C)	95,8 %	Full-load losses $P_{cu}$ (20 °C)	42 W
Efficiency $\eta$ (regime)	95,2 %	Full-load losses $P_{cu}$ (regime)	53 W
Leakage capacity	N.v.t. (cf. T013 ed.2)	Leakage current	< 500 $\mu$ A
Inrush current	< 8x $\hat{I}_n$ (piekwaarde)	Voltage drop $\Delta U$	3,0 %
No-load current	< 3%	Insulation resistance	200 M $\Omega$
Dielectric Strength PRI-SEC	3600 Vac	Temperature probe	PTC (option: PT100)
Dielectric strength vs. frame	3600 Vac	Recommended fuse PRI	D10A
Protected against short circuit	Not short-circuit proof	Recommended fuse SEC	C10A

### Propriétés électriques





### Mechanical properties

Primary connection	Screw terminals 4 mm <sup>2</sup>
Secondary connection	Screw terminals 4 mm <sup>2</sup>
Connection PTC	Screw terminals 4 mm <sup>2</sup>

### Dimensions/weight

Dimensions AxBxC	192x160x185 mm
Dimension D	160 mm
Dimension E	139 mm
Dimension $\Phi$	11 mm
Weight	24 kg

