



Technical datasheet

230TMHD5000/BTE



Brand	EREA
Article Number	230TMHD5000/BTE
EAN-code Barcode	5414503119988
Code	11998
Product type	Single-phase isolating transformer
Primary Voltage	230V AC
Secondary Voltage	230V AC
Power	5000 W
Standards	EN 61558-2-15
Installation prescriptions	T013 (ed. 2) HD 60 364-7-710

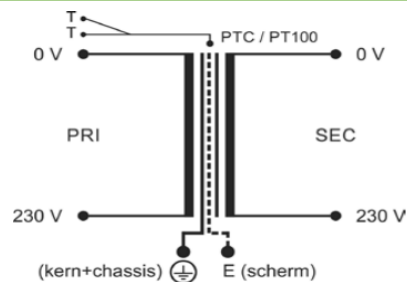
General properties

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	19 W
Efficiency η (20°C)	97,9 %	Full-load losses P_{cu} (20 °C)	90 W
Efficiency η (regime)	97,5 %	Full-load losses P_{cu} (regime)	107 W
Leakage capacity	N.v.t. (cf. T013 ed.2)	Leakage current	< 500 μ A
Inrush current	< 8x \hat{I}_n (piekwaarde)	Voltage drop ΔU	2,3 %
No-load current	< 3%	Insulation resistance	200 M Ω
Dielectric Strength PRI-SEC	3600 Vac	Temperature probe	PTC (option: PT100)
Dielectric strength vs. frame	3600 Vac	Recommended fuse PRI	D32A
Protected against short circuit	Not short-circuit proof	Recommended fuse SEC	C32A

Propriétés électriques





Mechanical properties

Primary connection	Screw terminals 10 mm ²
Secondary connection	Screw terminals 10 mm ²
Connection PTC	Screw terminals 4 mm ²

Dimensions/weight

Dimensions AxBxC	280x200x365 mm
Dimension D	180 mm
Dimension E	143 mm
Dimension Φ	11 mm
Weight	56 kg

