



Technical datasheet

224TC1000



Brand	EREA
Article Number	224TC1000
EAN-code Barcode	5414503000101
Code	2227
Product type	Single-phase control transformer
Primary Voltage	15-0-230-400V AC
Secondary Voltage	2x 24V AC
Power	1 000 VA
Standards	EN 61558-2-6 EN 60742

General properties

Applications	For all SELV applications	Maximum ambient temperature ta	40 °C
Protection class	Prepared for protection class I	Temperature class transfo	B
Degree of protection	IP00	Finishing	Vacuum- and pressure- varnish impregnated

Electrical properties

Frequency	50-60 Hz	Efficiency	94 %
Po	31,9 W	Pcu	36,9 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	2500 Vac	Specific property	
Voltage drop (dU%)	3,5 %	Short-circuit voltage (Ucc %)	3,1 %
Recommended fuse PRI	C20A / D10A / aM10A (230V) C16A / D6A / aM6A (400V)	Recommended fuse SEC	C50A / gG50A (24V) C25A / gG25A (48V)

Mechanical properties

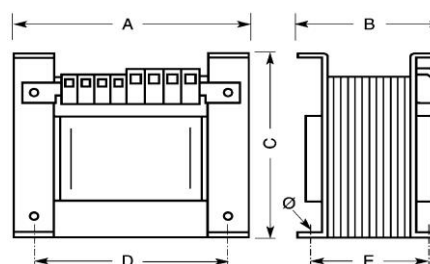
Primary connection	Screw terminals 2,5 mm ²
Secondary connection	Screw terminals 4 mm ²
Fixation	Angle sections with fixing holes

Protection case

Housing IP20	U 22763
Housing IP23	K23EI180/002
Housing IP44	K44UI180/010

Dimensions/weight

Dimensions AxBxC	180x120x175 mm
Dimension D	150 mm
Dimension E	90 mm
Dimension Φ	9 mm
Weight	14 kg





Accessories 224TC1000

IP20 housing

U 22763



IP23 housing

K23EI180/002



Vibration damper

(4 pieces needed per transformer)

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