



# Technical datasheet

## 230TC2500



Brand	EREA
Article Number	230TC2500
EAN-code Barcode	5414503000163
Code	2209
Product type	Single-phase control transformer
Primary Voltage	15-0-230-400V AC
Secondary Voltage	2 x 0-115V AC
Power	2 500 VA
Standards	EN 61558-2-4 EN 60742

### General properties

Applications	For all applications, especially designed for inrush power in	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	96 %
Po	68 W	Pcu	44,5 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	2500 Vac	Specific property	Reversible
Voltage drop (dU%)	1,8 %	Short-circuit voltage (Ucc %)	1,7 %
Recommended fuse PRI	D20A / aM20A (230V) D16A / aM16A (400V)	Recommended fuse SEC	C25A / gG25A (115V) C16A / gC12A (230V)

### Mechanical properties

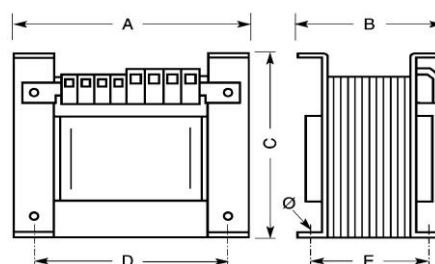
Primary connection	Screw terminals 4 mm <sup>2</sup>
Secondary connection	Screw terminals 4 mm <sup>2</sup>
Fixation	Angle sections with fixing holes

### Protection case

Housing IP20	U 22757
Housing IP23	K23EI240/004
Housing IP44	K44UI240/010

### Dimensions/weight

Dimensions AxBxC	240x160x225 mm
Dimension D	200 mm
Dimension E	137 mm
Dimension Φ	11 mm
Weight	33 kg





## Accessories 230TC2500

IP20 housing

**U 22757**



IP23 housing

**K23EI240/004**



Vibration damper

(4 pieces needed per transformer)

**Silent block 50**

