



Technical datasheet

SPT10000/D/480



Brand	EREA
Article Number	SPT10000/D/480
EAN-code Barcode	5414503126368
Code	12636
Product type	Three-phase separating transformer
Primary Voltage	3x 480V Δ
Secondary Voltage	2 x 230V Δ -- 3x 400V Y+N
Power	10000 VA
Standards	EN 60726 EN 60076

General properties

Application	For industrial applications	Finishing	Vacuum- and pressure- varnish impregnated
Protection class	Prepared for protection class I	Maximum ambient temperature ta	40 °C
Degree of protection	IP00	Temperature class transfo	F

Electrical properties

Frequency	50-60 Hz	Efficiency η (regime)	96,5 %
No-load Loss Po	92,5 W	Full-load losses Pcu (regime)	270 W
Dielectric Strenght PRI-SEC	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength vs. frame	2500 Vac	Specific properties	Primary delta connected, secondary not connected
Voltage drop ΔU	2,6 %	Short-circuit voltage Ucc	-
Recommended fuse PRI	D16A/C32A (3x500V Δ)	Recommended fuse SEC	C25A (3x230V Δ) C16A (3x400V Y+N)

Mechanical properties

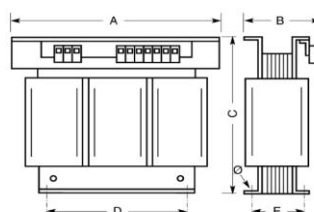
Primary connection	Screw terminals 10 mm ²
Secondary connection	Screw terminals 10 mm ²
Fixation	Supports with fixing holes

Protection case

Housing IP20	U 2222720
Housing IP23	K23EI400/001
Housing IP44	K44EI400/010

Dimensions/weight

Dimensions AxBxC	480x180x415 mm
Dimension D	320 mm
Dimension E	150 mm
Dimension Φ	11 mm
Weight	70,2 kg

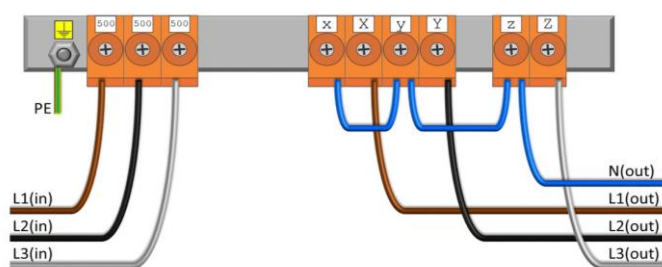
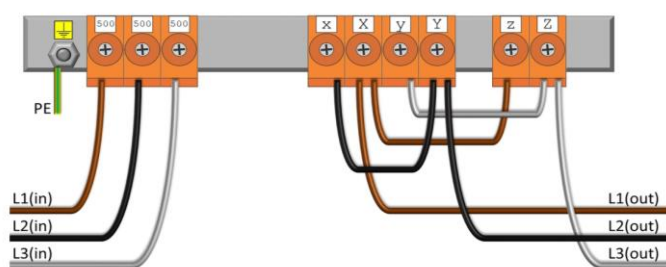
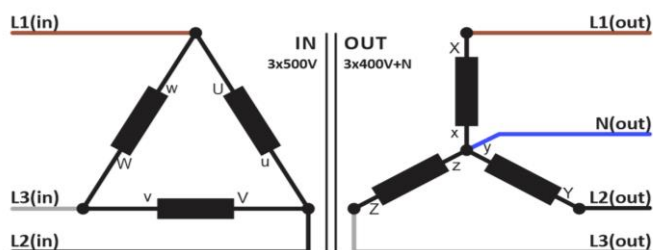
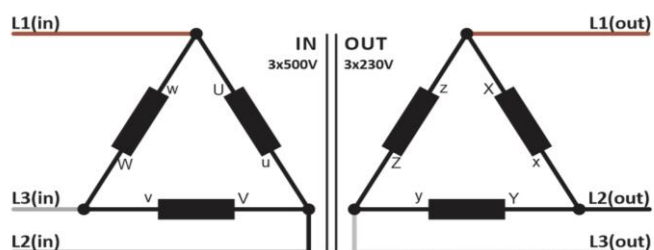




Connection diagram SPT10000/D/480

3x 480V Δ $\rightarrow$ 3x 230V Δ

3x 480V Δ $\rightarrow$ 3x 400V Y+N

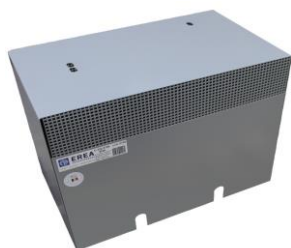




Accessories SPT10000/D/480

IP20 housing

U 2222720



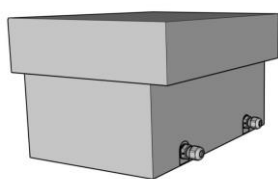
IP23 housing

K23EI400/001



IP44 housing

K44EI400/010



Vibration damper

(4 pieces per transformer)

Silent block 20



rev. 10.12.2024