



Technical datasheet

SPT2500/BTE



Brand	EREA
Article Number	SPT2500/BTE
EAN-code Barcode	5414503105189
Code	1709
Product type	Three-phase separating transformer
Primary Voltage	3x 230V Δ -- 3x 400V Y+N
Secondary Voltage	3 x 230V Δ -- 3x 400V Y+N
Power	2 500 VA
Standards	EN 61558-2-4

General properties

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

Electrical properties

Frequency	50-60 Hz	Efficiency	96 %
Po	35 W	Pcu	69 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	2500 Vac	Specific property	Windings not connected
Voltage drop (dU%)	3,2 %	Short-circuit voltage (Ucc %)	-
Recommended fuse PRI	D13A / C25A (3x230V Δ) D8A/C16A (3x400V Y+N)	Recommended fuse SEC	C8A (3x230V Δ) C4A (3x400V Y+N)

Mechanical properties

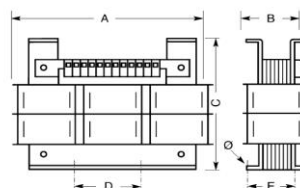
Primary connection	Screw terminals 4 mm ²
Secondary connection	Screw terminals 4 mm ²
Fixation	Supports with fixing holes

Protection case

Housing IP20	K20BTE/020
Housing IP23	K23BTE/020
Housing IP44	K44BTE/020

Dimensions/weight

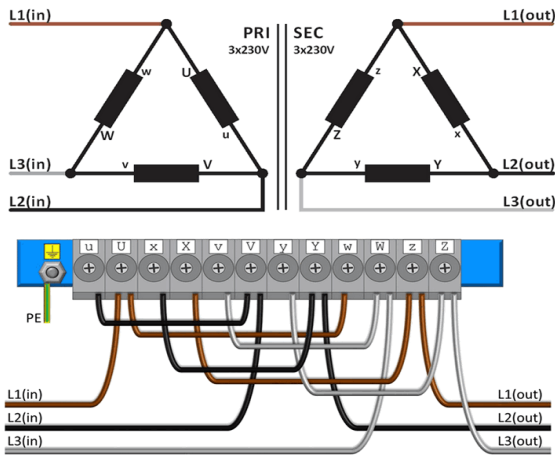
Dimensions AxBxC	260x140x243 mm
Dimension D	100 mm
Dimension E	117 mm
Dimension Φ	11 mm
Weight	27 kg



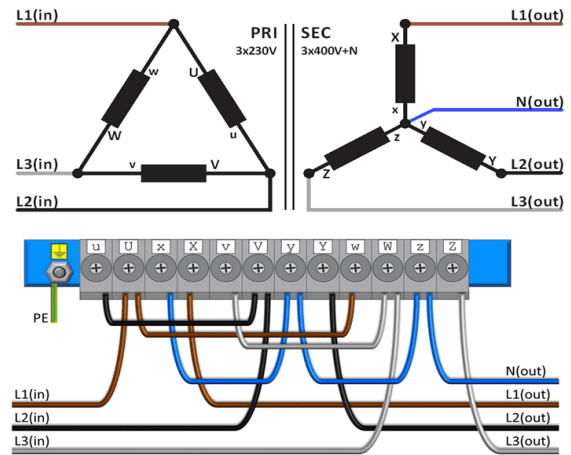


Connection diagram SPT2500/BTE

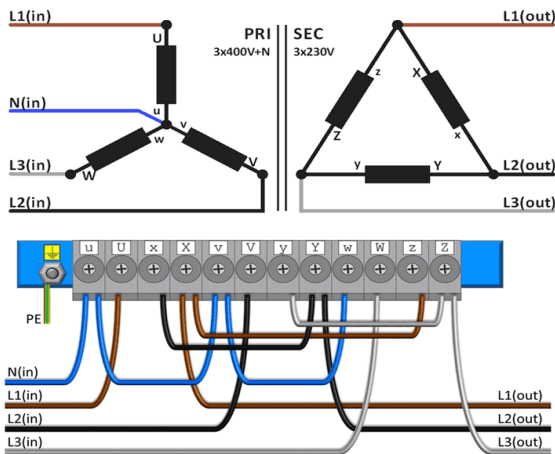
230V Δ → 230V Δ



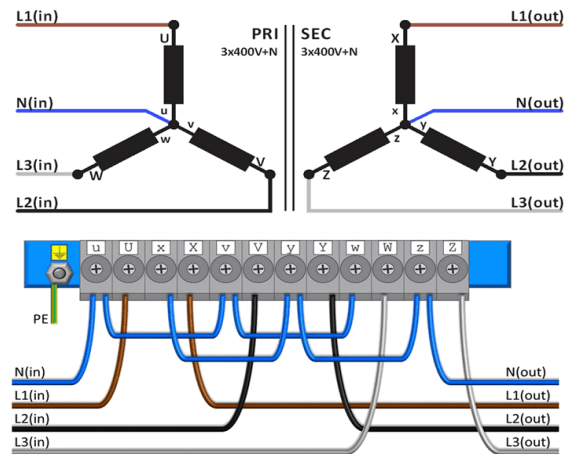
230V Δ → 400V Y+N



400V Y+N → 230V Δ



400V Y+N → 400V Y+N





Accessories SPT2500/BTE

IP20 housing

K20BTE/020



IP23 housing

K23BTE/020



Vibration damper

(4 pieces needed per transformer)

Silent block 50

