



Technical datasheet SPT20000/D



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Brand	EREA
Article Number	SPT20000/D
EAN-code Barcode	5414503105783
Code	1737
Product type	Three-phase separating transformer
Primary Voltage	3x 400V Δ
Secondary Voltage	3 x 230V Δ -- 3x 400V Y+N
Power	20 000 VA
Standards	EN 60726 EN 60076

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	135 W	Pcu	700 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	2500 Vac	Specific property	Primary delta connected, secondary not connected
Voltage drop (dU%)	3,4 %	Short-circuit voltage (Ucc %)	-
Recommended fuse PRI	D50A/C100A (3x400V Δ)	Recommended fuse SEC	C50A (3x230V Δ) C32A (3x400V Y+N)

Mechanical properties

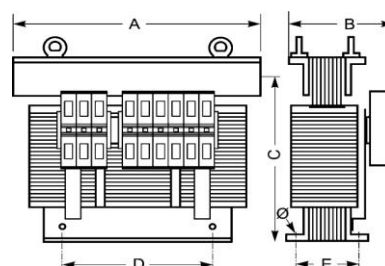
Primary connection	Nut fixing M8
Secondary connection	Nut fixing M8
Fixation	Supports with fixing holes

Protection case

Housing IP20	U 2222720
Housing IP23	K23EI400/006
Housing IP44	K44EI400/020

Dimensions/weight

Dimensions AxBxC	480x270x415 mm
Dimension D	320 mm
Dimension E	170 mm
Dimension Φ	11 mm
Weight	95 kg

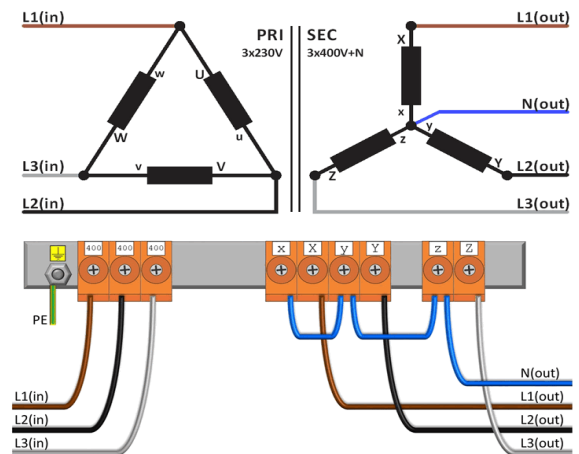
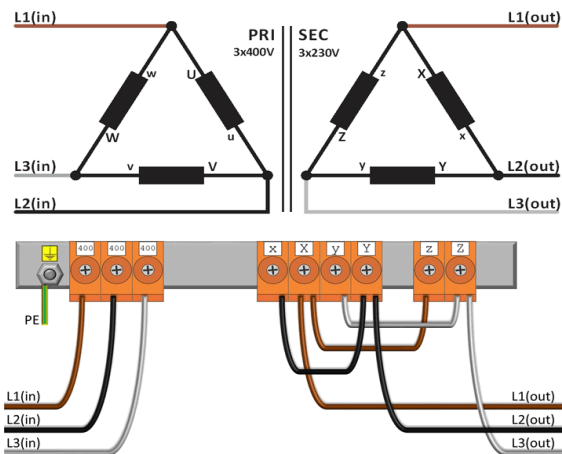




Connection diagram SPT20000/D

400V Δ \rightarrow 230V Δ

400V Δ \rightarrow 400V Y+N





Accessories SPT20000/D

IP20 housing



U 2222720

IP23 housing



K23EI400/006

Vibration damper

(4 pieces needed per transformer)



Silent block 50



rev. 13.11.2020