



# Technical datasheet

## SPT16000/D



Brand	EREA
Article Number	SPT16000/D
EAN-code Barcode	5414503104960
Code	1736
Product type	Three-phase separating transformer
Primary Voltage	3x 400V Δ
Secondary Voltage	3 x 230V Δ -- 3x 400V Y+N
Power	16 000 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	95,2 %
Po	112 W	Pcu	695 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%)	4,3 %	Short-circuit voltage (Ucc %)	-
Recommended fuse PRI	D40A/C80A ( 3x400V Δ )	Recommended fuse SEC	C40A ( 3x230V Δ ) C25A ( 3x400V Y+N )

### Mechanical properties

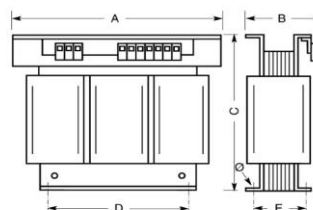
Primary connection	Screw terminals 10 mm <sup>2</sup>
Secondary connection	Screw terminals 10 mm <sup>2</sup>
Fixation	Supports with fixing holes

### Protection case

Housing IP20	U 2222720
Housing IP23	K23EI400/005
Housing IP44	K44EI400/010

### Dimensions/weight

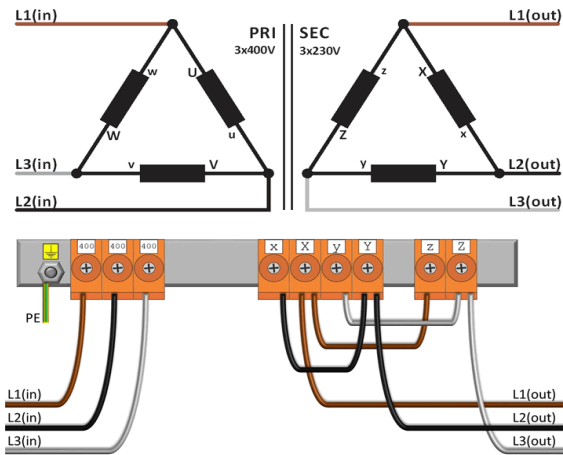
Dimensions AxBxC	480x200x415 mm
Dimension D	320 mm
Dimension E	160 mm
Dimension Φ	11 mm
Weight	85 kg



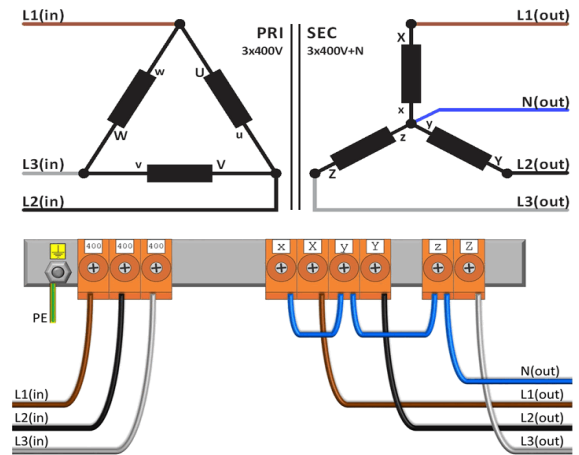


## Connection diagram SPT16000/D

400V  $\Delta$   $\rightarrow$  230V  $\Delta$



400V  $\Delta$   $\rightarrow$  400V Y+N





## Accessories SPT16000/D

IP20 housing



**U 2222720**

IP23 housing



**K23EI400/005**

Vibration damper

(4 pieces needed per transformer)



**Silent block 50**

Inrush current limiter



**IRC 230/400V-25A**



rev. 13.11.2020