



# Technical datasheet

## SPT40000/D/690



Brand	EREA
Article Number	SPT40000/D/690
EAN-code Barcode	5414503123756
Code	12375
Product type	Three-phase separating transformer
Primary Voltage	3x 690V Δ
Secondary Voltage	3 x 230V Δ -- 3x 400V Y+N
Power	40 000 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	97,4 %
Po	305 W	Pcu	780 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%)	1,9 %	Short-circuit voltage (Ucc %)	-
Recommended fuse PRI	D63A/C125A ( 3x690V Δ )	Recommended fuse SEC	C100A ( 3x230V Δ )   C63A ( 3x400V Y+N )

### Mechanical properties

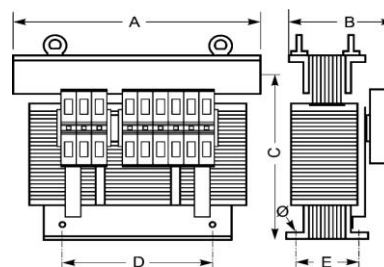
Primary connection	Nut fixing M8
Secondary connection	Nut fixing M8
Fixation	Supports with fixing holes

### Protection case

Housing IP20	U 2222722
Housing IP23	K23EI400/004
Housing IP44	K44EI400/030

### Dimensions/weight

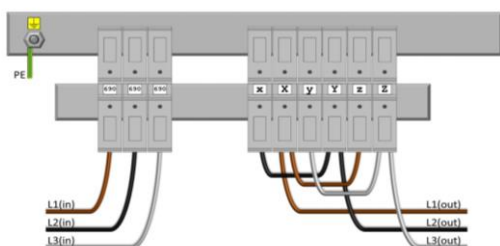
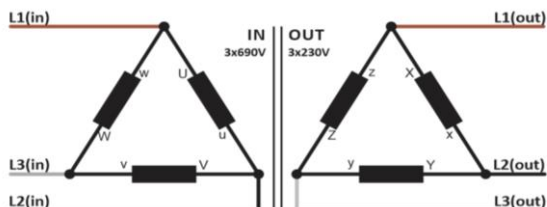
Dimensions AxBxC	480x340x415 mm
Dimension D	320 mm
Dimension E	240 mm
Dimension Φ	11 mm
Weight	174 kg



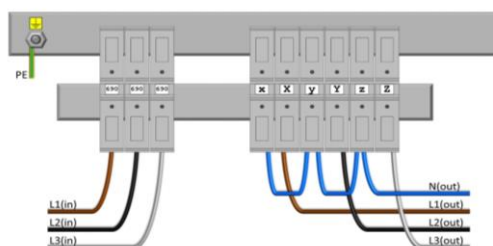
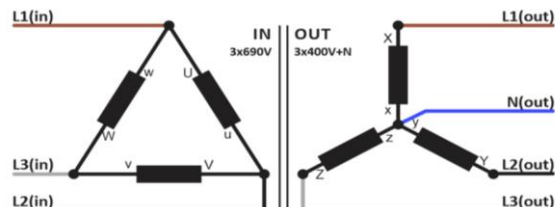


## Connection diagram SPT40000/D/690

**3x 690V Δ → 3 x 230V Δ**



**3x 690V Δ → 3x 400V Y+N**





## Accessories SPT40000/D/690

IP20 housing

**U 2222722**



IP23 housing

**K23EI400/004**



Vibration damper

(4 pieces needed per transformer)

**Silent block 75**



rev. 29.07.2021