



# Technical datasheet

## SPT20000/D/690



Brand	EREA
Article Number	SPT20000/D/690
EAN-code Barcode	5414503123725
Code	12372
Product type	Three-phase separating transformer
Primary Voltage	3x 690V 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	D40A/C80A ( 3x690V Δ )	Recommended fuse SEC	C50A ( 3x230V Δ )   C32A ( 3x400V Y+N )

### Mechanical properties

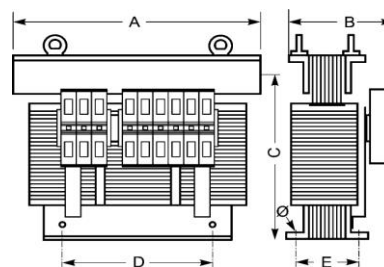
Primary connection	Nut fixing M8
Secondary connection	Nut fixing M8
Fixation	Supports with fixing holes

### Protection case

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

### Dimensions/weight

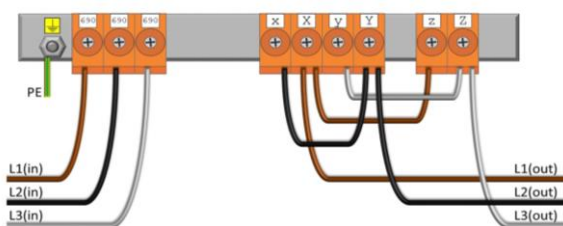
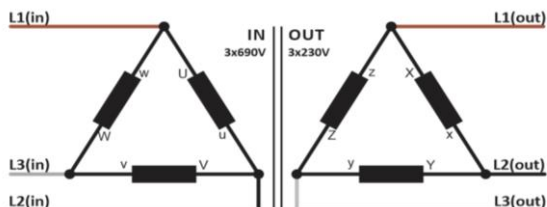
Dimensions AxBxC	480x270x415 mm
Dimension D	320 mm
Dimension E	170 mm
Dimension Φ	11 mm
Weight	95 kg



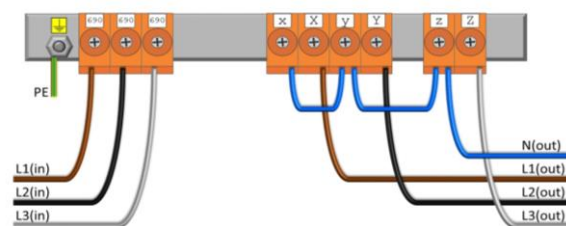
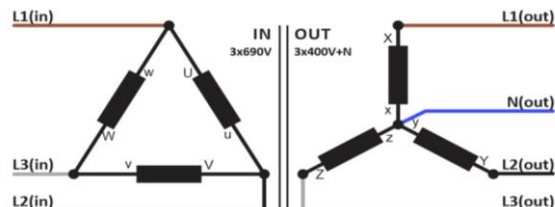


## Connection diagram SPT20000/D/690

**3x 690V Δ → 3 x 230V Δ**



**3x 690V Δ → 3x 400V Y+N**





## Accessories SPT20000/D/690

IP20 housing

**U 2222720**



IP23 housing

**K23EI400/006**



Vibration damper

(4 pieces needed per transformer)

**Silent block 50**



rev. 29.07.2021