



# Technical datasheet

## ATT 160000



Brand	EREA
Article Number	ATT 160000
EAN-code Barcode	5414503111760
Code	11176
General Description-EN	Three-phase transformer
Primary Voltage	3 x 0-230-400V Y+N
Secondary Voltage	3 x 0-230-400V AC
Power	160.000 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 $\eta$ (regime)	99,1%
No-load Loss Po	465 W	Full-load losses Pcu (regime)	1045 W
Dielectric Strength PRI-SEC	-	Insulation resistance	-
Dielectric strength vs. frame	2500 Vac	Specific property	Yna connected
Voltage drop $\Delta U$	0,64 %	Short-circuit voltage Ucc	-
Recommended fuse PRI	MCCB500A ( 3x230V ) MCCB250A ( 3x400V )	Recommended fuse SEC	MCCB400A ( 3x230V ) MCCB250A ( 3x400V )

### Mechanical properties

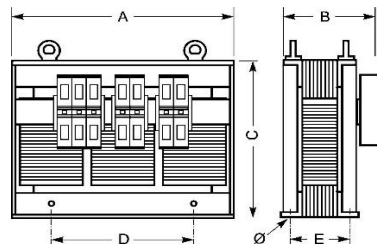
Primary connection	Nut fixing M16
Secondary connection	Nut fixing M16
Fixation	Supports with fixing holes

### Protection case

Housing IP20	K20EI500/004
Housing IP23	K23EI500/004
Housing IP44	K44EI500/020

### Dimensions/weight

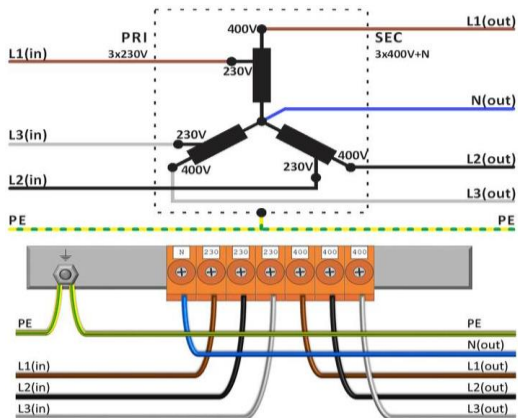
Dimensions AxBxC	640x430x500 mm
Dimension D	400 mm
Dimension E	245 mm
Dimension $\Phi$	11 mm
Weight	340 kg



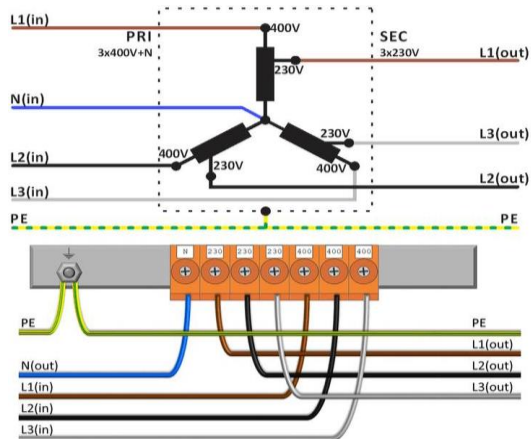


## Connection diagram ATT 160000

230V Δ → 230V Δ



230V Δ → 400V Y+N



400V Y+N → 230V Δ

400V Y+N → 400V Y+N

rev. 10.11.2023

