Isolating transformer

TT3-A500-4040-0

Picture shows TT3-A630-4040-0

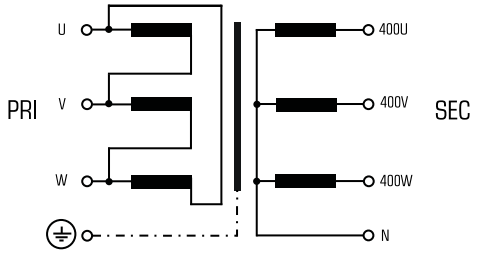
Advantages

- Safe galvanic isolation
- Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation
- Very good discharging of thermal losses by means of optimally arranged cooling channels within the coils
- Integrated crane eyes
- If desired, the transformers can be realised in individual voltages

Applications

Isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

Sample application



Standards

Isolating transformer
to: DIN EN 61558 part 1 with part 2-4

Approvals

Insulationsystem only (216803)

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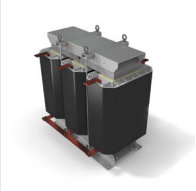


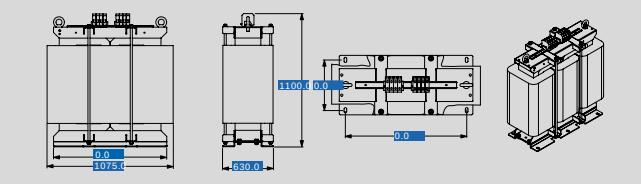
Isolating transformer
TT3-A500-4040-0

Electrical data

Type	TT3-A500-4040-0
Input	
Rated input voltage	3 x 400 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	3 x 400 Vac
Rated Power	500,000 VA
Output rated current	3 x 721.5 A
Short circuit voltage	3,3 %
Vector group	Dyn 5
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Insulation class	F
Protection index	IP 00
Type	Open type
Safety class (prepared)	I
Short circuit strength	non-short-circuit proof
Order numbers	
Recommended enclosure	BGE-150
Order Number	**TT3-A500-4040-0**

Mechanical data

Type	TT3-A500-4040-0
Terminal and mounting	
Terminals	Ø13 mm busbar hole
Fixing method	Fixing rail
Terminals Input	Busbars with 2x hole for M10
Terminals Output	Busbars with 2x hole for M10
Terminals PE	Bolt, M12
Measures and weights	
Core type	3UC 864/250
Weight	1353.00 kg



Subject to change.

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