Isolating transformer

TT3 2,5-4-4



Picture shows TT3 10-4-4

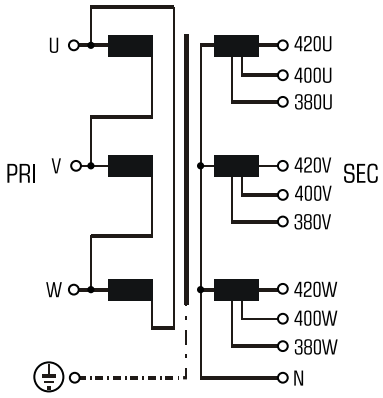
Advantages

- Safe galvanic isolation
- Patented assembly technology to lower heat losses
- Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation
- Secondary side ±5 % tappings for voltage adjustment
- Fixed, contact protected screw connection terminals complying with UVV BGV A3
- Multi-functional mounting brackets with 12 slots
- Enlarged mounting bracket for easy installation from above
- Integrated crane eyes

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: VDE 0570 Part2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4, UL 5085-1/-2, CSA 22.2 No.66

Approvals

UL 5085-1/-2, CSA 22.2 No.66



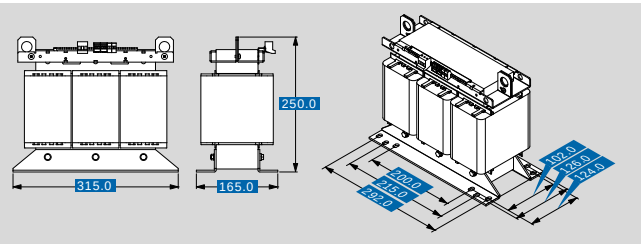
Isolating transformer
TT3 2,5-4-4

Electrical data

Type	TT3 2,5-4-4
Input	
Rated input voltage	3 x 400 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	3 x 400 Vac
Tappings Output (±)	±5 %
Rated Power	2,500 VA
Rated current	3 x 3.8 Aac (3 x 380 Vac) 3 x 3.7 Aac (3 x 400 Vac) 3 x 3.5 Aac (3 x 420 Vac)
Power loss	155.0 W
Short circuit voltage	3.7 %
Vector group	Dyn 5
Efficiency	94.3 %
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	50 °C
Safety and protection	
Insulation class	VDE=F, UL=class 155
Protection index	IP 00
Safety class (prepared)	I
Type	Open type
Short circuit strength	non-short-circuit proof
Order numbers	
Recommended enclosure	BGE-050
Order Number	**TT3 2,5-4-4**

Mechanical data

Type	TT3 2,5-4-4
Terminal and mounting	
Fixing method	Fixing rail
Fixing screws	M8
Terminals Input	Screw clamp, 4 mm²
Terminals Output	Screw clamp, 4 mm²
Terminals PE	Screw-type terminal, 4 mm²
Measures and weights	
Core type	3UI 132/72
Weight	32.00 kg



Subject to change.