

Autotransformer AT3 160-38/42-4



Picture shows AT3 2-20/21-4

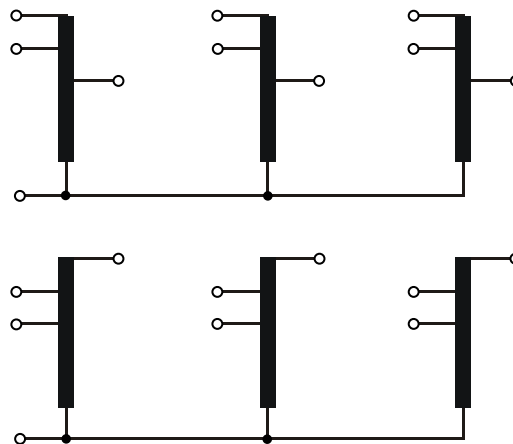
Advantages

Low weight and small size (compared to isolating transformers)
Very high efficiency
Inverse operation possible
Patented assembly technology to lower heat losses
Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation
Fixed, contact protected screw connection terminals complying with UVV BGV A3
Multifunctional fixing rails with 12 oval slots
Enlarged fixing rail for easy installation from above
Integrated crane eyes

Applications

Autotransformer for adjustment of the voltage on the input and output sides with no requirement for electrical isolation.

Sample application



Standards

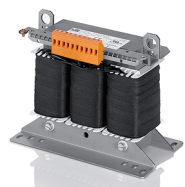


Autotransformer
to: VDE 0570 Teil 2-13, DIN EN 61558-2-13, EN 61558-2-13,
IEC 61558-2-13, UL 5085-1/-2, CSA 22.2 No.66

Approvals



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



Autotransformer

AT3 160-38/42-4



Electrical data

Type	AT3 160-38/42-4
Input	
Rated input voltage	3 x 380/415 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	3 x 400 Vac
Rated Power	160000 VA
Vector group	YNΔ0
Efficiency	94 %
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	open type
Class of Insulation System	F
Protection index	IP 00
Safety class (prepared)	I
Short circuit strength	non-short-circuit proof
Test voltage	4000 Vac, 50 Hz
Order numbers	
Order Number	AT3 160-38/42-4



Mechanical data

Type	AT3 160-38/42-4
Terminal and mounting	
Fixing method	Fixing rail
Fixing screws	M10
Terminals	Screw-type terminals
Measures and weights	
Weight	82.00 kg
Core type	3 UI 210/63

