Autotransformer

AT3 160-44/46-4



Picture shows AT3 2-20/21-4

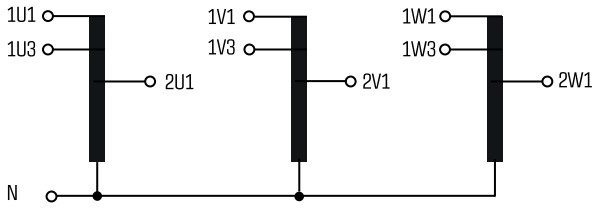
Advantages

- Reverse mode possible
- High efficiency
- Patented assembly technology to lower heat losses
- Very good corrosion protection and low noise due to BLOCK IMPEX vacuum impregnation
- 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

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

Approvals

UL 1561, CSA 22,2 (E 327358)



Autotransformer
AT3 160-44/46-4

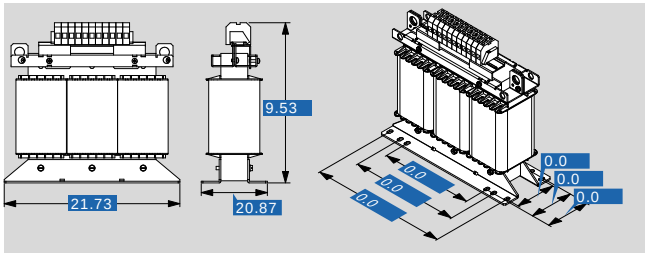
Electrical data

Type	AT3 160-44/46-4
Input	
Rated input voltage	3 x 440/460 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	3 x 400 Vac
Power	160,000 VA
Vector group	YNaO
Efficiency	96 %
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	104.0 °F
Safety and protection	
Type	Open type
Insulation class	F
Protection index	IP 00
Safety class (prepared)	I
Short circuit strength	non-short-circuit proof
Test voltage	4,000 Vac, 50 Hz
Order numbers	
Recommended sheet-metal enclosure	BGE-085
Order Number	**AT3 160-44/46-4**

Mechanical data

Type	AT3 160-44/46-4
Terminal and mounting	
Fixing method	Mounting brackets
Fixing screws	M12
Terminals	Screw-type terminals
Terminals Input	Screw clamp, 95 mm²
Terminals Output	Screw clamp, 150 mm²
Connection type	Bolt, M10
Measures and weights	
Core type	3 UI 240/110
Weight	365.97 lbs

Dimensions in inch



Subject to change.