

Autotransformer AT3 160-58/60-4



Picture shows AT3 2-20/21-4

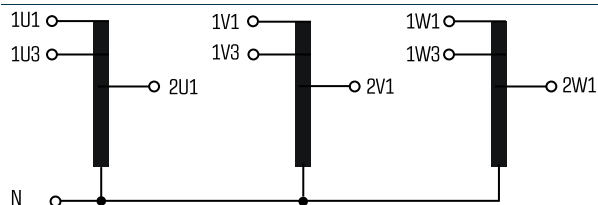
Advantages

Reverse mode possible
Very high efficiency
Patented assembly technology to lower heat losses
Very good corrosion protection and low noise thanks to BLOCK IMPEX 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

Approvals



UL 1561, CSA 22,2 (E 327358)



Autotransformer AT3 160-58/60-4



Electrical data

Type	AT3 160-58/60-4
Input	
Rated input voltage	3 x 575/600 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	3 x 400 Vac
Rated Power	160,000 VA
Vector group	YNΔ0
Efficiency	98.0 %
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	40 °C
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 enclosure	BGE-085
Order Number	AT3 160-58/60-4



Mechanical data

Type	AT3 160-58/60-4
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
Terminals PE	Bolt, M12
Measures and weights	
Core type	3 UI 270/120
Weight	269.0 kg

