

Autotransformer AIM 1,6/0,8



Picture shows AIM 3,2/1,6

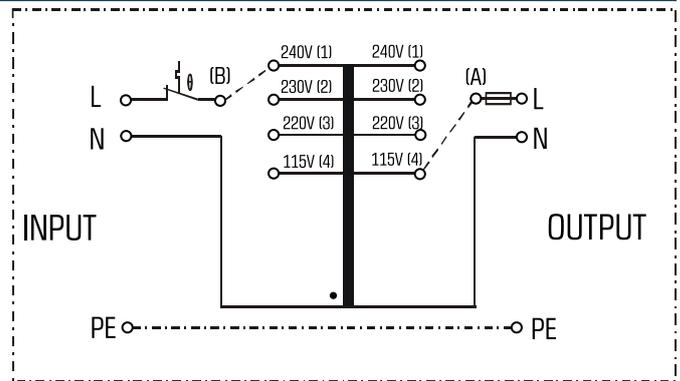
Advantages

- Low weight and small size (compared to isolating transformers)
- Integrated short-circuit and overload protection
- Very high efficiency
- Very good moisture protection and low noise thanks to XtraDenseFill resin encapsulation (AIM 1.8/8 - AIM 5.0/2.5)
- Screw terminals under cover with strain relief

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 Part 2-13, DIN EN 61558-2-13, EN 61558-2-13,
IEC 61558-2-13

Approvals

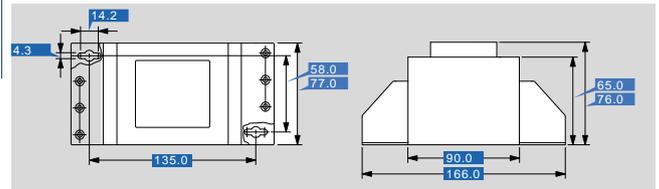




Autotransformer AIM 1,6/0,8

Electrical data	
Type	
AIM 1,6/0,8	
Input	
Rated input voltage	115 Vac/220 Vac/230 Vac/240 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	115 Vac/220 Vac/230 Vac/240 Vac
Rated output current	0,80 A (PRI 115/ SEC 220-240); 1,60 A (PRI 220-240/ SEC 115-240)
No-load loss (typ.)	4.70 W
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	Resin encapsulated transformer
Insulation class	A
Protection index	IP 20
Safety class	May be used in protection category I and II. When protection category I devices are equipped the protective conductor in the output must be connected with the lead-in protective conductor.
Short circuit strength	non-inherently short-circuit proof
Order numbers	
Order Number	AIM 1,6/0,8

Mechanical data	
Type	
AIM 1,6/0,8	
Terminal and mounting	
Fixing method	Fixing holes in the terminal connection compartment
Terminals	Screw-type terminal
Measures and weights	
Weight	2.1 kg



Subject to change.