

Autotransformer AIM 3,2/1,6



Picture shows AIM 3,2/1,6

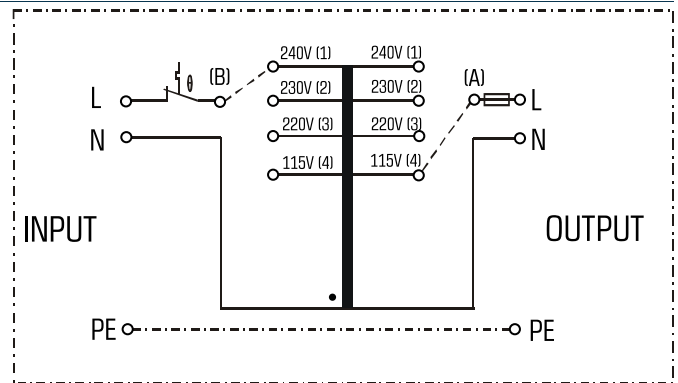
Advantages

- 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 3,2/1,6

Type		AIM 3,2/1,6	
Electrical data	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	1.60 (PRI 115 / SEC 220, 230, 240);	3.20 (PRI 115 / SEC 115);
		3.20 (PRI 220, 230, 240 / SEC 115, 220, 230, 240)	
		No-load loss (typ.)	6.70 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 3,2/1,6		

Type		AIM 3,2/1,6
Mechanical data	Terminal and mounting	
	Fixing method	Fixing holes in the terminal connection compartment Screw-type terminal
Measures and weights	Terminals	
	Weight	3.6 kg

