

Autotransformer 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.

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

Electrical data	
Type	
AIM 3,2/1,6	
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)
	6.70 W
No-load loss (typ.)	6.70 W
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	
Class of Insulation System	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

Mechanical data	
Type	
AIM 3,2/1,6	
Terminal and mounting	
Terminals	Screw-type terminal
Fixing method	Fixing holes in the terminal connection compartment
Measures and weights	
Weight	3.60 kg

