

# Autotransformer AIM 3,2/1,6



Picture shows AIM 3,2/1,6

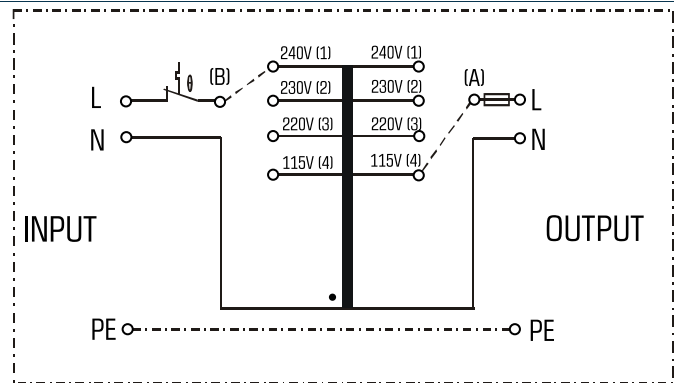
## Advantages

- 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

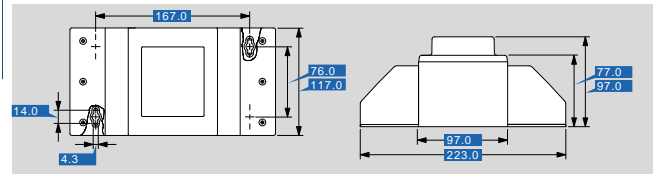




# Autotransformer AIM 3,2/1,6

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 A (PRI 115/ SEC 220-240); 3,20 A (PRI 220-240/SEC 115-240)
	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		
<b>Order Number</b>	<b>AIM 3,2/1,6</b>	

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



Subject to change.