

# Autotransformer AIM 3,2/1,6



Picture shows AIM 3,2/1,6

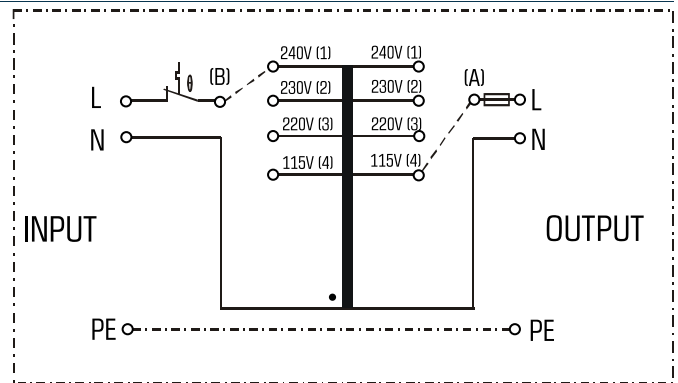
## Advantages

- 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

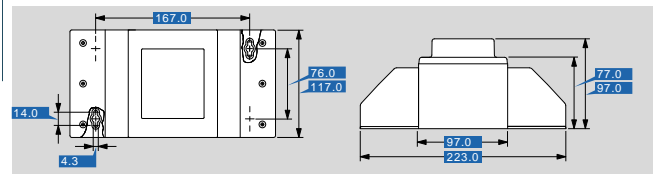
## Approvals



# Autotransformer AIM 3,2/1,6

Electrical data	
<b>Type</b> AIM 3,2/1,6	
<b>Input</b>	
Rated input voltage	115 Vac/220 Vac 230 Vac/240 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	115 Vac/220 Vac 230 Vac/240 Vac
	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)
Rated output current	6.70 W
No-load loss (typ.)	6.70 W
<b>Environment</b>	
Ambient temperature max.	40 °C
<b>Safety and protection</b>	
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
<b>Order numbers</b>	
<b>Order Number</b>	<b>AIM 3,2/1,6</b>

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



Subject to change.