

# 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

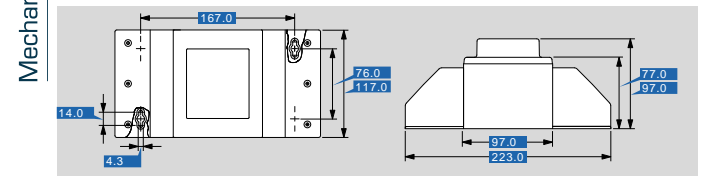
## Approvals



# Autotransformer AIM 3,2/1,6

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	
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	<b>AIM 3,2/1,6</b>	

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	



Subjects to change.