

# Safety isolating transformer SIM 500



Picture shows SIM 60

## Advantages

Integrated short-circuit and overload protection

Dual output voltage for series or parallel connection

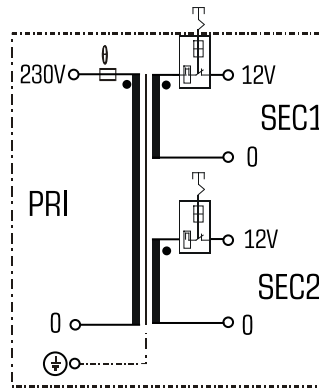
Very good moisture protection and low noise thanks to XtraDenseFill resin encapsulation (up to 300 VA)

Screw terminals under cover with strain relief

## Applications

Safety isolating transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

## Sample application



## Standards

Safety isolating transformer  
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

## Approvals



VDE

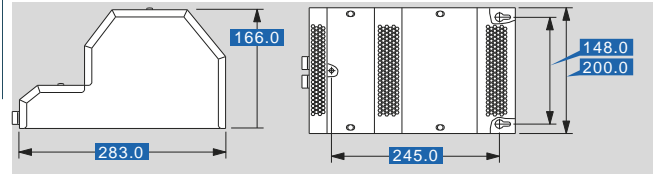


# Safety isolating transformer SIM 500

Type		SIM 500
Electrical data	Input	
	Rated frequency	50 - 60 Hz
	Rated input voltage	230 Vac
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	500 VA
	No-load voltage (app. x factor)	1.04
	No-load loss (typ.)	18.00 W
	Efficiency	92.0 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	VDE, cURus
	Environment	
	Ambient temperature max.	40 °C
Safety and protection		
Type	Encapsulated in metal enclosure	
Insulation class	B	
Protection index	IP 20	
Safety class	I	
Short circuit strength	non-inherently short-circuit proof	
Test voltage	3750 Vac, 50 Hz	
Order numbers		
<b>Order Number</b>	<b>SIM 500</b>	

Type		SIM 500
Terminal and mounting	Fixing method	Fixing holes in enclosure
	Terminals	Screw-type terminal
Measures and weights	Weight	9.10 kg

30  
Mechanical data



Subject to change.