

Safety isolating transformer SIM 100



Picture shows SIM 60

Advantages

Integrated short-circuit and overload protection

Dual output voltage for series or parallel connection

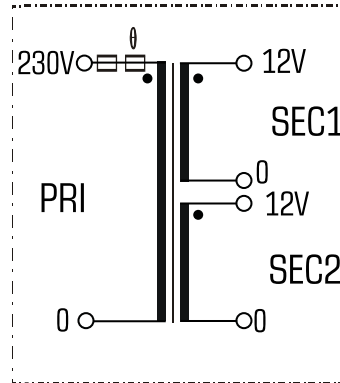
Very good moisture protection and low noise due to XtraDenseFill resin encapsulation (up to 300 VA)

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

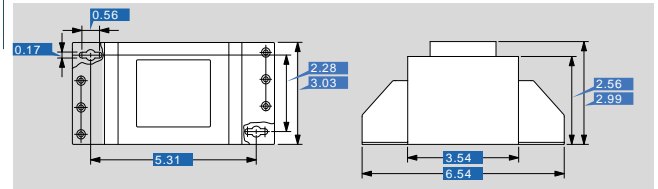


Safety isolating transformer SIM 100

Type	SIM 100
Electrical data	
Input	
Rated frequency	50 - 60 Hz
Rated input voltage	230 Vac
Output	
Rated output voltage	2 x 12 Vac
Power	100 VA
No-load voltage (app. x factor)	1.08
No-load loss (typ.)	4.9 W
Efficiency	87.5 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	VDE
Environment	
Ambient temperature max.	104.0 °F
Safety and protection	
Type	Resin encapsulated transformer
Insulation class	A
Protection index	IP 20
Safety class	II
Short circuit strength	non-inherently short-circuit proof
Test voltage	5000 Vac, 50 Hz
Order numbers	
Order Number	SIM 100

Type	SIM 100
Mechanical data	
Terminal and mounting	
Fixing method	Fixing holes in the terminal connection compartment
Terminals	Screw-type terminal
Measures and weights	
Weight	4.41 lbs

Dimensions in inch



Subject to change.