

# Safety isolating transformer

## SIM 100



## Advantages

Integrated short circuit and overload protection

Double 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.

## Standards



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

## Approvals



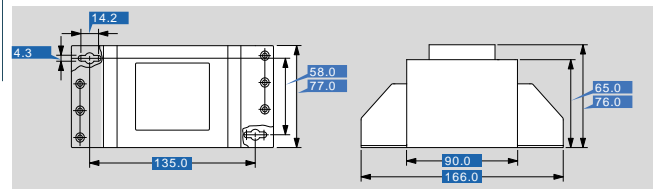
VDE



# Safety isolating transformer SIM 100

Type		SIM 100
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	100 VA
	No-load voltage (app. x factor)	1.08
	No-load loss (typ.)	4.90 W
	Efficiency	87.5 %
	Standards	
Classification	Safety isolating transformer	
Approvals		
Approvals	VDE	
Environment		
Ambient temperature max.	40 °C	
Safety and protection		
Type	Resin encapsulated transformer	
Class of Insulation System	A	
Protection index	IP 20	
Safety class	II	
Short circuit strength	non-inherently short-circuit proof	
Test voltage	5000 Vac, 50 Hz	
Order numbers		
<b>Order Number</b>	<b>SIM 100</b>	

Type		SIM 100
Mechanical data	Terminal and mounting	
	Terminals	Screw-type terminal
	Fixing method	Fixing holes in the terminal connection compartment
	Measures and weights	
	Weight	2.00 kg



Subjects to change.