Isolating transformer
TIM 100

Advantages

Safe galvanic isolation

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

Isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

Standards

Isolating transformer
to: VDE 0570 Part 2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4
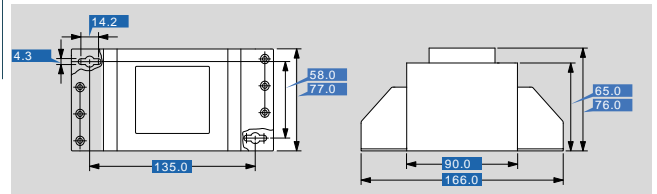
Approvals

VDE

Isolating transformer
TIM 100

Electrical data

Type	TIM 100
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 115 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	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	
Order Number	**TIM 100**

Mechanical data

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

Subjects to change.

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