

Isolating transformer **TIM 1000**



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 1000

Electrical data

Type	TIM 1000
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 115 Vac
Rated Power	1000 VA
No-load voltage (app. x factor)	1.02
No-load loss (typ.)	27.00 W
Efficiency	95 %
Standards	
Classification	Isolating transformer
Approvals	
Approvals	VDE, cURus
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	encapsulated in metal housing
Class of Insulation System	B
Protection index	IP 20
Safety class	I
Short circuit strength	non-inherently short-circuit proof
Test voltage	3750 Vac, 50 Hz
Order numbers	
Order Number	TIM 1000

Mechanical data

Type	TIM 1000
Terminal and mounting	
Terminals	Screw-type terminals
Fixing method	Fixing holes in the housing
Measures and weights	
Weight	17.10 kg

