

# Isolating transformer TIM 500



## 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

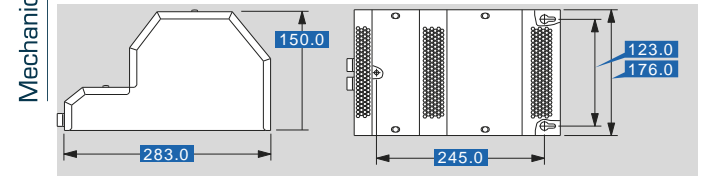




# Isolating transformer TIM 500

Type		TIM 500
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 115 Vac
	Rated Power	500 VA
	No-load voltage (app. x factor)	1.02
	No-load loss (typ.)	18.00 W
	Efficiency	92 %
	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		
<b>Order Number</b>	<b>TIM 500</b>	

Type		TIM 500
Terminal and mounting	Terminals	Screw-type terminals
	Fixing method	Fixing holes in the housing
Measures and weights		
Weight		9.10 kg



Subjects to change.