

Interference suppressing isolating transformer **SMTT 150**



Picture shows SMTT 150

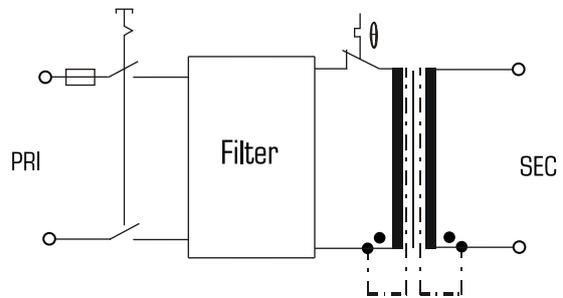
Advantages

Safe galvanic isolation
Low leakage current and high insulation resistance
Good attenuation against radio frequency interference and pulses
Low magnetic 50 Hz leakage field
Integrated short-circuit and overload protection
Very good moisture protection and low noise thanks to XtraDenseFill resin encapsulation
High degree of protection
Carry handle, mains cable with safety plug, shockproof socket for portable application

Applications

Isolating transformer for mobile use to minimize mains supply faults such as disturbing pulses and electrical noise.

Sample application



Standards

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

Approvals **EAC**



Interference suppressing isolating transformer **SMTT 150**

Type		SMTT 150
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Active-Power input	typ. 6.5 W (running at no load)
	Output	
	Rated output voltage	230 Vac
	Rated Power	150 VA
	Leakage cur. (PRI-PE)	9 µA (typ.)
	Leakage cur. (PRI-SEC)	8 µA (typ.)
	Efficiency	90.0 %
	Environment	
	Ambient temperature max.	40 °C
	Safety and protection	
	Type	Resin encapsulated transformer
	Insulation class	A
	Protection index	IP 40
Safety class	II	
Coupling cap. (PRI-SEC)	90 pF (typ.)	
Magn. 50 Hz stray f. (Encl.)	9.00 mT (typ.)	
Short circuit strength	short-circuit proof	
Test voltage	5000 Vac, 50 Hz	
Order numbers		
Order Number	SMTT 150	

Type		SMTT 150
Mechanical data	Terminal and mounting	
	Terminals Input	Mains connecting cable with safety plug
	Terminals Output	Protective contact socket
Measures and weights		
Weight	3.50 kg	

