

Safety isolating transformer EL 50/12



Picture shows EL 18/12

Advantages

Solder tab for free wiring

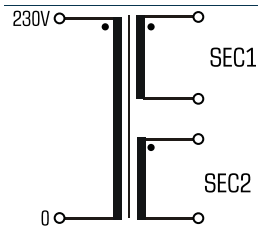
Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation

Simple mounting thanks to robust metal footplate with oval slots

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.

Sample application



Standards

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

Approvals





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Electrical data	
Type	
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 12 Vac
Rated Power	50 VA
No-load voltage (app. x factor)	1.15
No-load loss (typ.)	3.50 W
Efficiency	81.0 %
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	Open type
Insulation class	E
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
Overload protection	Typ PTC 840 (Accessory - available on request)
Test voltage	4000 Vac, 50 Hz
Order numbers	
Order Number	EL 50/12

Mechanical data	
Type	
Terminal and mounting	
Fixing method	Base plate
Fixing screws	M4
Terminals	Solder tab for free wiring
Measures and weights	
Core type	EI 75/26,5
Weight	0.97 kg

