Safety isolating transformer

VR 4,5/1/12 - no longer available



Picture shows VR 7,5/2/9

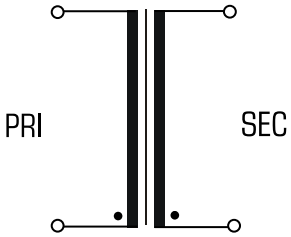
Advantages

- Minimum size at high output
- Also with double output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Self-extinguishing potting material
- Space saving installation thanks to additional screw mounting in the base plate

Applications

Safety 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, UL 5085-1/-2, CSA 22.2 No.66

Approvals

VDE, UL 5085-1/-2, CSA 22.2 No.66

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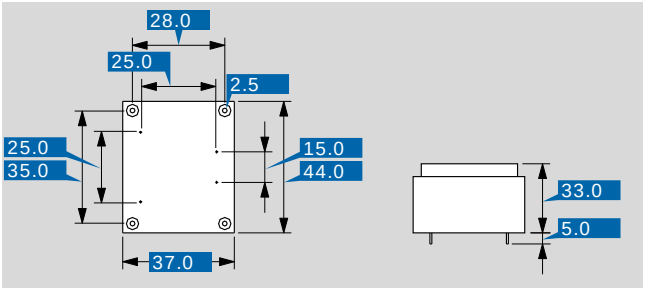
Safety isolating transformer
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Electrical data

Type	VR 4,5/1/12 - no longer available
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	12 Vac
Rated Power	4.5 VA
No-load voltage (app. x factor)	1.27
No-load loss (typ.)	1.50 W
Efficiency	69.0 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, VDE
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	Encapsulated
Insulation class	VDE=B, UL=class 105
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
Order numbers	
Order Number	**VR 4,5/1/12 - no longer available**

Mechanical data

Type	VR 4,5/1/12 - no longer available
Terminal and mounting	
Fixing method	Additional fixing by self-tapping screws
Terminals	Pins for PCB
Measures and weights	
Pin (ø)	0.8 mm
Core type	EI 42/14,8
Weight	0.19 kg



Subject to change.