



Automatización Eléctrica

Especialistas en Automatización

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Safety isolating transformer VR 4,5/2/12



Picture shows VR 7,5/2/9

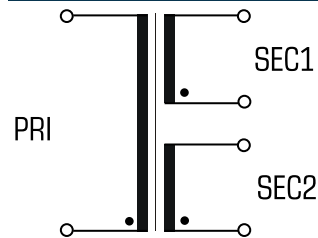
Advantages

- 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
- Coil shell in 2-chamber technology
- 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

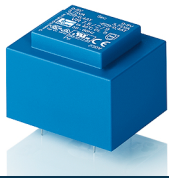


Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



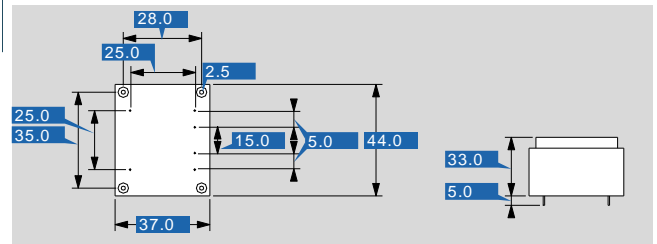
Safety isolating transformer

VR 4,5/2/12

Type		VR 4,5/2/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	4.5 VA
	No-load voltage (app. x factor)	1.27
	No-load loss (typ.)	1.50 W
	Efficiency	69 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, ENEC 10 (VDE)
	Environment	
	Ambient temperature max.	40 °C
Safety and protection		
Type	Encapsulated	
Class of Insulation System	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 4,5/2/12	

Type		VR 4,5/2/12
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

30 Mechanical data



Subjects to change.



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Product	Code	Reference	Product link
PCB transformer encapsulated, PRI 230 Vac, SEC 4.5 - 30 VA, 6 - 24 Vac, 2 x 6 - 2 x 18 Vac	VR45212	VR 4,5/2/12	Buy on EAN