



**Automatización Eléctrica**

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

# Safety isolating transformer VR 13/2/12



Picture shows VR 7,5/2/9

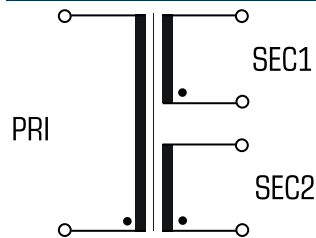
## Advantages

- 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

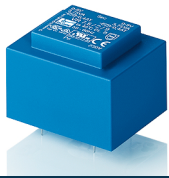


Safety isolating transformer  
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,  
UL 5085-1/-2, CSA 22.2 No.66

## Approvals



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

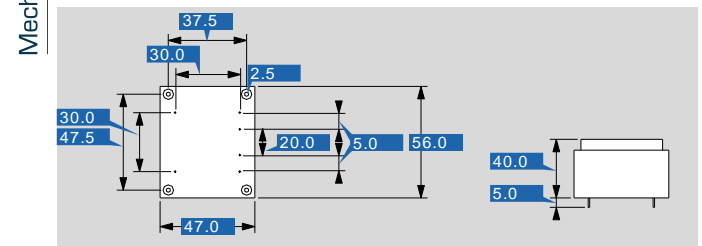


# Safety isolating transformer

## VR 13/2/12

Type		VR 13/2/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	13.0 VA
	No-load voltage (app. x factor)	1.19
	No-load loss (typ.)	1.30 W
	Efficiency	78 %
	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		
<b>Order Number</b>	<b>VR 13/2/12</b>	

Type		VR 13/2/12
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 54/18,8
	Weight	0.42 kg



Subjects to change.



**Automatización Eléctrica**  
Especialistas en Automatización

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

<b>Product</b>	<b>Code</b>	<b>Reference</b>	<b>Product link</b>
PCB transformer encapsulated, PRI 230 Vac, SEC 4.5 - 30 VA, 6 - 24 Vac, 2 x 6 - 2 x 18 Vac	VR13212	VR 13/2/12	<a href="#">Buy on EAN</a>