

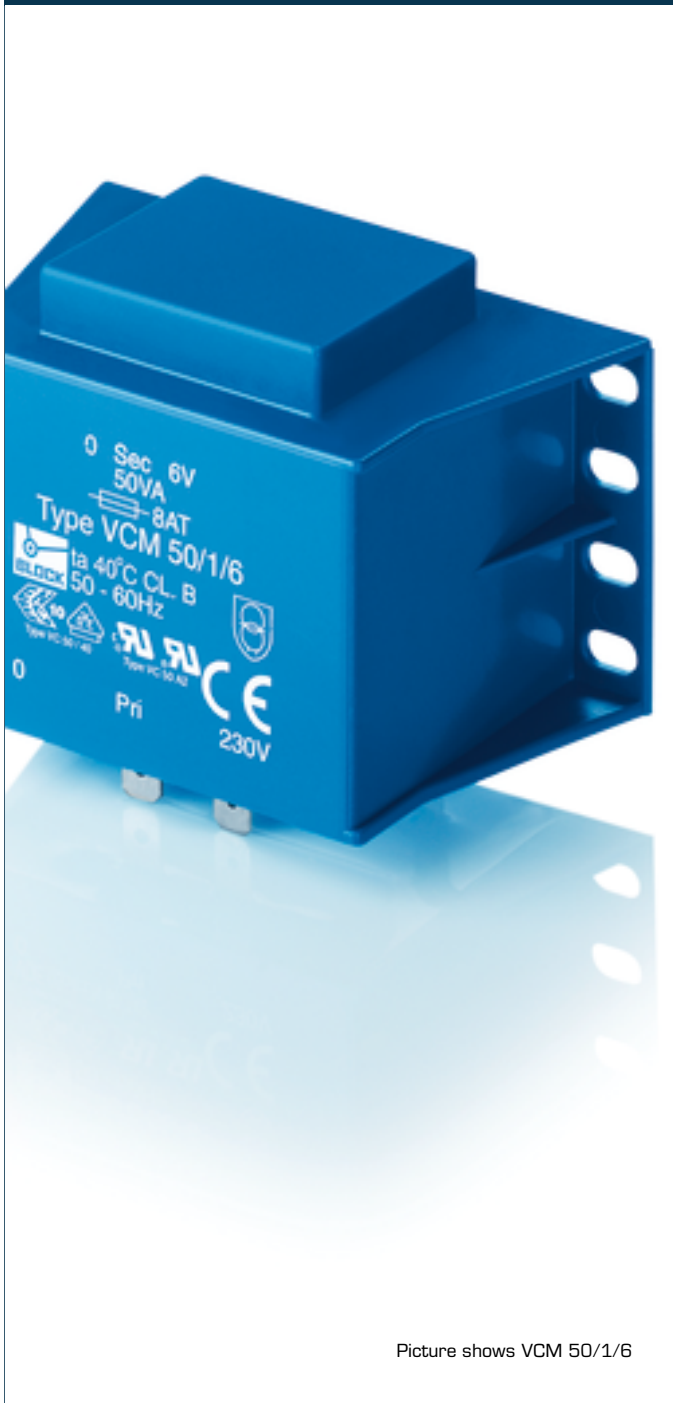


**Automatización Eléctrica**

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 VCM 16/1/12



Picture shows VCM 50/1/6

## Advantages

Minimum size at high output

Also with dual 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

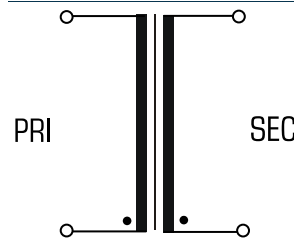
Additional mounting option with tabs on the housing

## Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As a 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

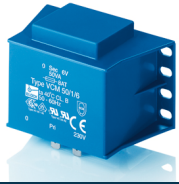


Safety isolating transformer  
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

## Approvals



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

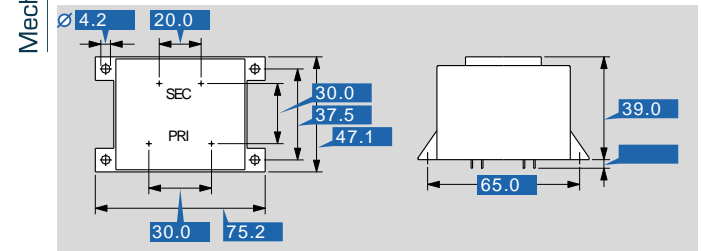


# Safety isolating transformer

## VCM 16/1/12

Type		VCM 16/1/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	12 Vac
	Rated Power	16.0 VA
	No-load voltage (app. x factor)	1.24
	No-load loss (typ.)	1.80 W
	Efficiency	76 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, ENEC (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>VCM 16/1/12</b>	

Type		VCM 16/1/12
Terminal and mounting	Fixing method	Fixing points on the case
	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.



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](#).

Product	Code	Reference	Product link
PCB transformer, mountable encapsulated, with mounting brackets, PRI 230 Vac, SEC 3.2 - 16 VA, 6 - 24 Vac, 2 x 6 - 2 x 24 Vac	VCM16112	VCM 16/1/12	<a href="#">Buy on EAN</a>