



Automatización Eléctrica

Especialistas en Automatización

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Safety isolating transformer

VCN 6/2/12



Picture shows VCN 16/2/18

Advantages

Minimum size at high output

Also with double output voltage for series or parallel connection

Designed for high ambient temperatures

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

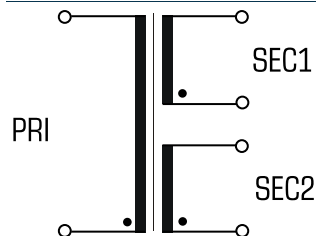
Additional mounting option with tabs on the housing (from 28 VA)

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

Approvals



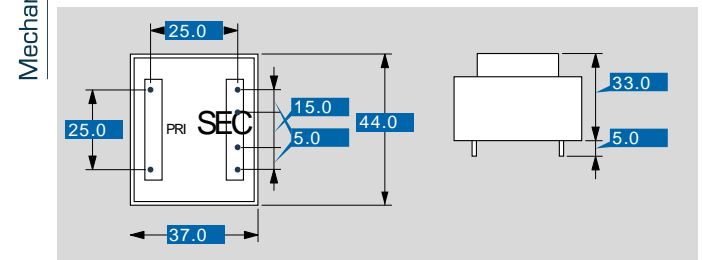


Safety isolating transformer

VCN 6/2/12

Type		VCN 6/2/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	12.0 Vac
	Rated Power	6.0 VA
	No-load voltage (app. x factor)	1.46
	No-load loss (typ.)	2.00 W
	Efficiency	63 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, ENEC 10 (VDE)
	Environment	
	Ambient temperature max.	70 °C
Safety and protection		
Type	Encapsulated	
Class of Insulation System	B	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
Order numbers		
Order Number	VCN 6/2/12	

Type		VCN 6/2/12
Terminal and mounting		
Terminals		Pins for printed circuit boards
Measures and weights		
Pin (ø)		0.8 mm
Core type		EI 42/14,8
Weight		0.15 kg



Subjects to change.



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Product	Code	Reference	Product link
PCB transformer encapsulated, PRI 230 Vac, SEC 3.2 - 16 VA, 6 - 24 Vac, 2 x 6 - 2 x 24 Vac	VCN6212	VCN 6/2/12	Buy on EAN