

Safety isolating transformer

VCN 4,5/2/7,5 - no longer available



Picture shows VCN 16/2/18

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





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Type	VCN 4,5/2/7,5 - no longer available
Electrical data	
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	7.5 Vac
Rated Power	4.5 VA
No-load voltage (app. x factor)	1.53
No-load loss (typ.)	1.50 W
Efficiency	59.0 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, VDE
Environment	
Ambient temperature max.	70 °C
Safety and protection	
Type	Encapsulated
Insulation class	B
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
Order numbers	
Order Number	VCN 4,5/2/7,5 - no longer available

Type	VCN 4,5/2/7,5 - no longer available
Mechanical data	
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Pin (ø)	0.8 mm
Core type	EI 38/13,6
Weight	0.13 kg

