

Safety isolating transformer VCM 50/2/12



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

Self-extinguishing potting material

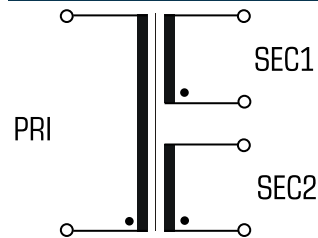
Additional mounting option with tabs on the enclosure

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



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



Safety isolating transformer VCM 50/2/12

Type	VCM 50/2/12	
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	50 VA
	No-load voltage (app. x factor)	1.09
	No-load loss (typ.)	3.80 W
	Efficiency	87.0 %
	Standards	
Classification	Safety isolating transformer	
Approvals		
Approvals	cURus, VDE	
Environment		
Ambient temperature max.	40 °C	
Safety and protection		
Type	Encapsulated	
Insulation class	VDE=B, UL=class 105	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
Order numbers		
Order Number	VCM 50/2/12	

Type	VCM 50/2/12	
Terminal and mounting	Fixing method	Fixing points on the case
	Terminals	Quick connect terminals
Measures and weights		
Pin (ø)	PRI 4.8 x 0.8 mm, SEC 6.3 x 0.8 mm	
Core type	EI 66/34,5	
Weight	0.99 kg	

