Safety isolating transformer
VCM 50/2/12



Picture shows VCM 50/1/6

Advantages

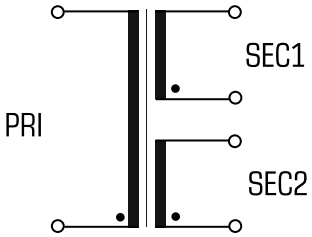
- Minimum size at high output
- Dual output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation
- Self-extinguishing potting material
- Additional mounting option with tabs on the 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

BLOCK Transformatoren-Elektronik GmbH • Phone +49 4231 678-0 • info@block.eu

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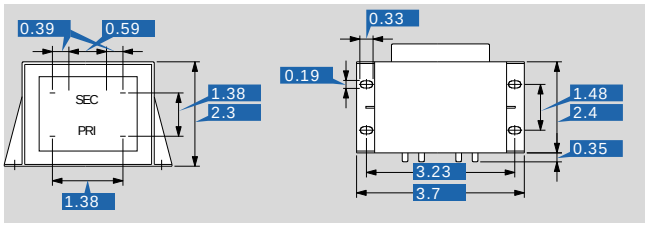
Electrical data

Type	VCM 50/2/12
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 12 Vac
Power	50 VA
No-load voltage (app. x factor)	1.09
No-load loss (typ.)	3.8 W
Efficiency	87 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, VDE
Environment	
Ambient temperature max.	104.0 °F
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**

Mechanical data

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	2.18 lbs

Dimensions in inch



Subject to change.