

Safety isolating transformer VCM 50/1/18



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

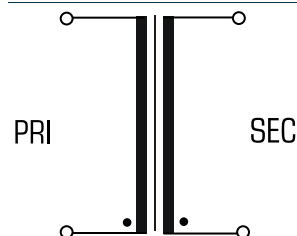
Additional mounting option with tabs on the enclosure

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



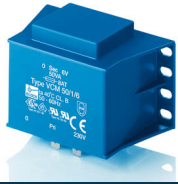
Standards

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



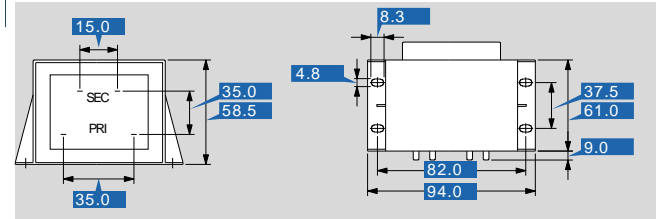
Safety isolating transformer VCM 50/1/18

Electrical data

Type	VCM 50/1/18
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	18 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 50/1/18

Mechanical data

Type	VCM 50/1/18
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



Subject to change.