

# Safety isolating transformer VCM 50/1/15



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

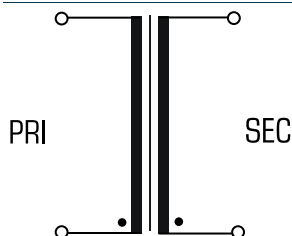
Additional mounting option with tabs on the enclosure

## 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

## Approvals



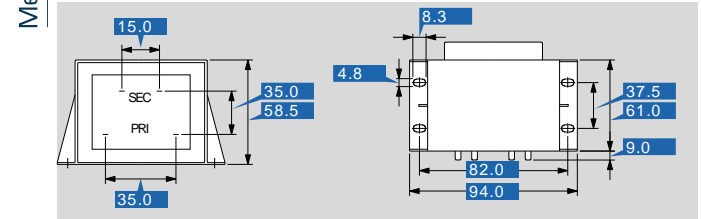
VDE, UL 5085-1/-2, CSA 22.2 No.66



## Safety isolating transformer VCM 50/1/15

Type	VCM 50/1/15	
Electrical data	<b>Input</b>	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	<b>Output</b>	
	Rated output voltage	15 Vac
	Rated Power	50 VA
	No-load voltage (app. x factor)	1.09
	No-load loss (typ.)	3.80 W
	Efficiency	87.0 %
	<b>Standards</b>	
Classification	Safety isolating transformer	
<b>Approvals</b>		
Approvals	cURus, VDE	
<b>Environment</b>		
Ambient temperature max.	40 °C	
<b>Safety and protection</b>		
Type	Encapsulated	
Insulation class	VDE=B, UL=class 105	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
<b>Order numbers</b>		
<b>Order Number</b>	<b>VCM 50/1/15</b>	

Type	VCM 50/1/15	
Terminal and mounting	Fixing method	Fixing points on the case
	Terminals	Quick connect terminals
<b>Measures and weights</b>		
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.