

# Safety isolating transformer

## VCM 5,0/1/8



Picture shows VCM 50/1/6

## Advantages

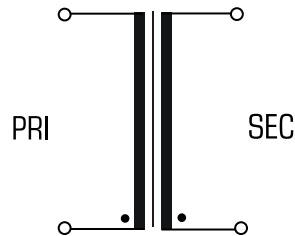
- Minimum size at high output
- Dual output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation
- Self-extinguishing potting material
- Additional mounting option with tabs on the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

## 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

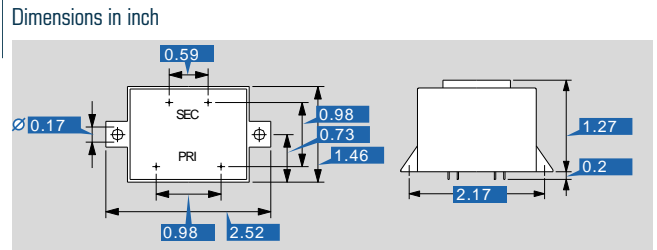


# Safety isolating transformer

## VCM 5,0/1/8

Type	VCM 5,0/1/8
<b>Electrical data</b>	
<b>Input</b>	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	8 Vac
Power	5 VA
No-load voltage (app. x factor)	1.25
No-load loss (typ.)	1.5 W
Efficiency	68 %
<b>Standards</b>	
Classification	Safety isolating transformer
<b>Approvals</b>	
Approvals	cURus, VDE
<b>Environment</b>	
Ambient temperature max.	122.0 °F
<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 5,0/1/8</b>

Type	VCM 5,0/1/8
<b>Mechanical data</b>	
<b>Terminal and mounting</b>	
Fixing method	Fixing points on the case
Terminals	Pins for PCB
<b>Measures and weights</b>	
Pin (ø)	0.8 mm
Core type	EI 42/14,8
Weight	0.42 lbs



Subject to change.