Safety isolating transformer VCM 10/2/6



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

Advantages

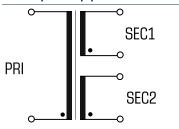
- Minimum size at high output
- Dual output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation
- Self-extinguishing potting material
- Additional mounting option with tabs on the 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 $\ensuremath{\mathsf{PELV}}$ circuits because of the limit on the output voltage.

Sample application







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





Safety isolating transformer **VCM 10/2/6**

Туре	VCM 10/2/6		Туре
Input		0	Terminal and m
Rated input voltage	230 Vac	· · · · · · · · · · · · · · · · · · ·	Fixing method
Rated frequency	50 - 60 Hz		Terminals
Output		Ita	Measures and
Rated output voltage	2 x 6 Vac	q	Pin (ø)
Power	10 VA	ច	Core type
No-load voltage (app. x factor)	1.25	.e	Weight
No-load loss (typ.)	1.6 W	Jai	
Efficiency	74 %	<u>S</u>	Dimensions in i
Standards		Š	0
Classification	Safety isolating transformer		
Approvals			I I
Approvals	cURus, VDE		Ø 0.17
Environment			≜
Ambient temperature max.	104.0 °F		L L
Safety and protection			-
Туре	Encapsulated		
Insulation class	VDE=B, UL=class 105		
Protection index	IP 00		
Safety class (prepared)	<u> </u>		
Short circuit strength	non-short-circuit proof		
Order numbers			
Order Number	VCM 10/2/6		
	Input Rated input voltage Rated frequency Output Rated output voltage Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Order numbers	Input Rated input voltage 230 Vac Rated input voltage 50 - 60 Hz Output Rated frequency 50 - 60 Hz Rated output voltage 2 x 6 Vac Power 10 VA No-load voltage (app. x factor) 1.25 No-load loss (typ.) 1.6 W Efficiency 74 % Standards Classification Approvals cURus, VDE Environment 104.0 °F Safety and protection Type Type Encapsulated Insulation class VDE=B, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof	Input Rated input voltage 230 Vac Rated input voltage 50 - 60 Hz Output Rated frequency 50 - 60 Hz Power Output 2 x 6 Vac Power Rated output voltage 2 x 6 Vac Power Power 10 VA No-load voltage (app. x factor) 1.25 No-load loss (typ.) 1.6 W Efficiency 74 % Standards Classification Safety isolating transformer 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

