

Safety isolating transformer

ECO2003-1,5DD9 Discontinued line - not for new designs



Picture shows ECO2003-5,0-DD9

Advantages

Low no-load losses max. 0.6 W

Unconditionally short-circuit proof (up to 1.5 VA)

Also with double output voltage for series or parallel connection

Designed for high ambient temperatures

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

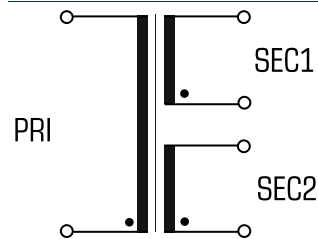
Coil shell in 2-chamber technology

Self-extinguishing potting material

Applications

Safety 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



ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66

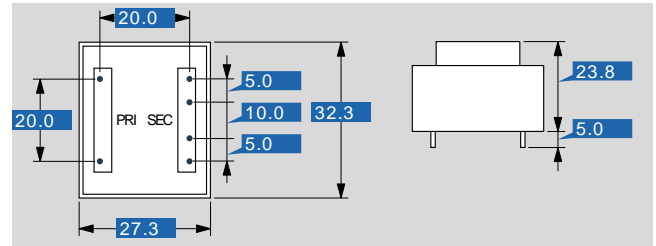


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Electrical data	
Type	ECO2003-1,5DD9 Discontinued line - not for new designs
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated Power	1.5 VA
No-load voltage (app. x factor)	1.39
No-load loss (typ.)	0.60 W
Efficiency	61.0 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, ENEC 10 (VDE)
Environment	
Ambient temperature max.	70 °C
Safety and protection	
Type	Encapsulated
Insulation class	VDE=B, UL=class 105
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	inherently short-circuit proof
Order numbers	
Order Number	ECO2003-1,5DD9 Discontinued line - not for new designs

Mechanical data	
Type	ECO2003-1,5DD9 Discontinued line - not for new designs
Terminal and mounting	
Terminals	Pins for printed circuit board
Measures and weights	
Pin (ø)	0.8 mm
Core type	EI 30/12,5
Weight	0.08 kg



Subject to change.