Safety isolating transformer

ECO2003-3,2DD12 - no longer available



Picture shows ECO2003-5,0-DD9

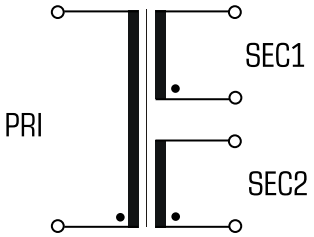
Advantages

- 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

BLOCK Transformatoren-Elektronik GmbH • Phone +49 4231 678-0 • info@block.eu

BLOCK
block.eu



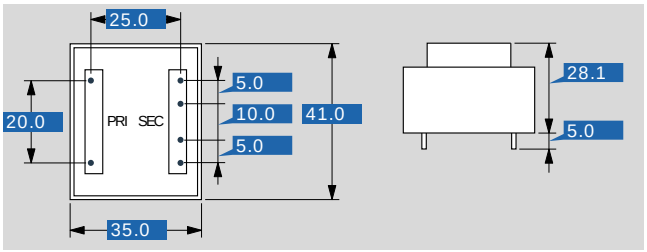
Safety isolating transformer
ECO2003-3,2DD12 - no longer available

Electrical data

Type	ECO2003-3,2DD12 - no longer available
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated Power	3.2 VA
No-load voltage (app. x factor)	1.50
No-load loss (typ.)	0.60 W
Efficiency	64.0 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, ENEC 10 (VDE)
Environment	
Ambient temperature max.	60 °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	**ECO2003-3,2DD12 - no longer available**

Mechanical data

Type	ECO2003-3,2DD12 - no longer available
Terminal and mounting	
Terminals	Pins for printed circuit board
Measures and weights	
Pin (ø)	0.8 mm
Core type	EI 38/13,5
Weight	0.15 kg



Subject to change.