

## Safety isolating transformer

### ECO2003-1,5DD12 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

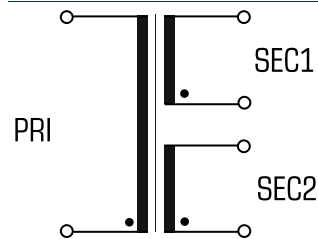
Coil shell in 2-chamber technology

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

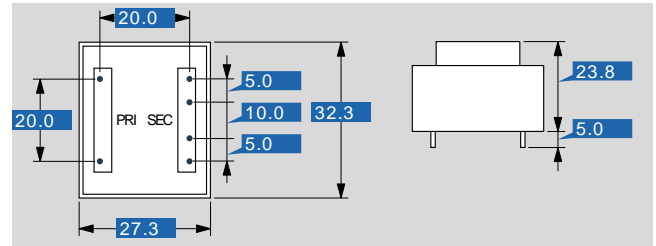


# Safety isolating transformer

## ECO2003-1,5DD12 Discontinued line - not for new designs

Electrical data	Type	ECO2003-1,5DD12 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		
<b>Order Number</b>		<b>ECO2003-1,5DD12 Discontinued line - not for new designs</b>

Mechanical data	Type	ECO2003-1,5DD12 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.