

# Safety isolating transformer

## ECO2003-1,5S18 - 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

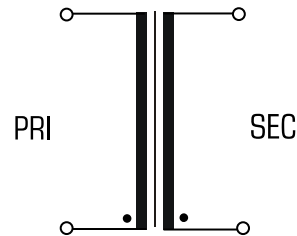
Coil shell in 2-chamber technology

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

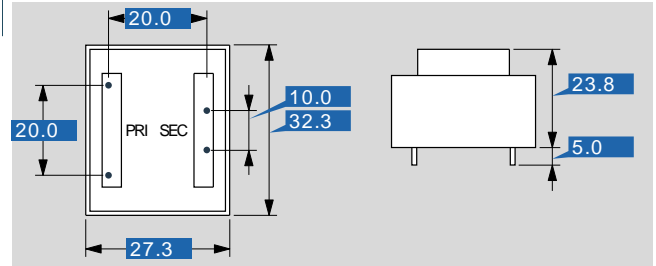


# Safety isolating transformer

## ECO2003-1,5S18 - no longer available

Type	ECO2003-1,5S18 - no longer available	
Electrical data	<b>Input</b>	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	<b>Output</b>	
	Rated Power	1.5 VA
	No-load voltage (app. x factor)	1.39
	No-load loss (typ.)	0.60 W
	Efficiency	61.0 %
	<b>Standards</b>	
	Classification	Safety isolating transformer
<b>Approvals</b>		
Approvals	cURus, ENEC 10 (VDE)	
<b>Environment</b>		
Ambient temperature max.	70 °C	
<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	inherently short-circuit proof	
<b>Order numbers</b>		
Order Number	ECO2003-1,5S18 - no longer available	

Type	ECO2003-1,5S18 - no longer available	
Mechanical data	<b>Terminal and mounting</b>	
	Terminals	Pins for printed circuit board
	<b>Measures and weights</b>	
Pin (ø)	0.8 mm	
Core type	EI 30/12,5	
Weight	0.08 kg	



Subject to change.