



Automatización Eléctrica

Especialistas en Automatización

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Safety isolating transformer VBN 2,1/2/9



Picture shows VBN 2,1/2/6

Advantages

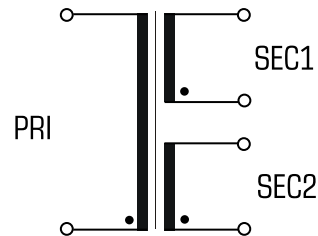
- Minimum size at high output
- Unconditionally short-circuit proof
- Also with double output voltage for series or parallel connection
- Designed for high ambient temperatures
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Coil shell in 2-chamber technology
- Self-extinguishing potting material

Applications

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 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

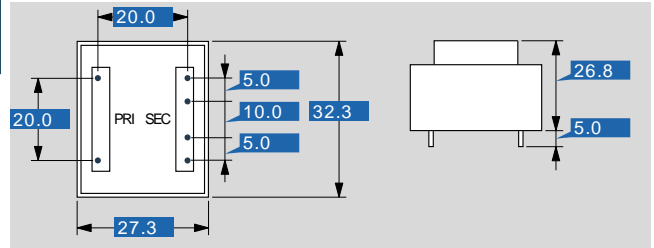


Safety isolating transformer

VBN 2,1/2/9

Electrical data		Type	VBN 2,1/2/9
Input			
Rated input voltage			230 Vac
Rated frequency			50 - 60 Hz
Output			
Rated output voltage			9.0 Vac
Rated Power			2.1 VA
No-load voltage (app. x factor)			1.60
No-load loss (typ.)			1.95 W
Efficiency			46 %
Standards			
Classification			Safety isolating transformer
Approvals			
Approvals			cURus, ENEC 10 (VDE)
Environment			
Ambient temperature max.			70 °C
Safety and protection			
Type			Encapsulated
Class of Insulation System			B
Protection index			IP 00
Safety class (prepared)			II
Short circuit strength			inherently short-circuit proof
Order numbers			
Order Number			VBN 2,1/2/9

Mechanical data		Type	VBN 2,1/2/9
Terminal and mounting			
Terminals			Pins for printed circuit boards
Measures and weights			
Pin (ø)			0.8 mm
Core type			EI 30/15,5
Weight			0.10 kg



Subjects to change.

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Product	Code	Reference	Product link
Short circuit proof PCB transformer Short circuit proof safety isolating transformer to IEC 61558-2-6, DIN EN 61558-2-6, VDE 0570 part 2-6, C-UL-US and ENEC 10 (VDE) Approval max. 70°C ambient temperature (VB 3,2 = 50°C) *Transformer to IEC 61558-2-1, DIN EN 61558-2-1, VDE 0570 part 2-1 (without VDE-Approval) the dimension for the height includes the length of pins (5mm)	VBN2129	VBN 2,1/2/9	Buy on EAN