



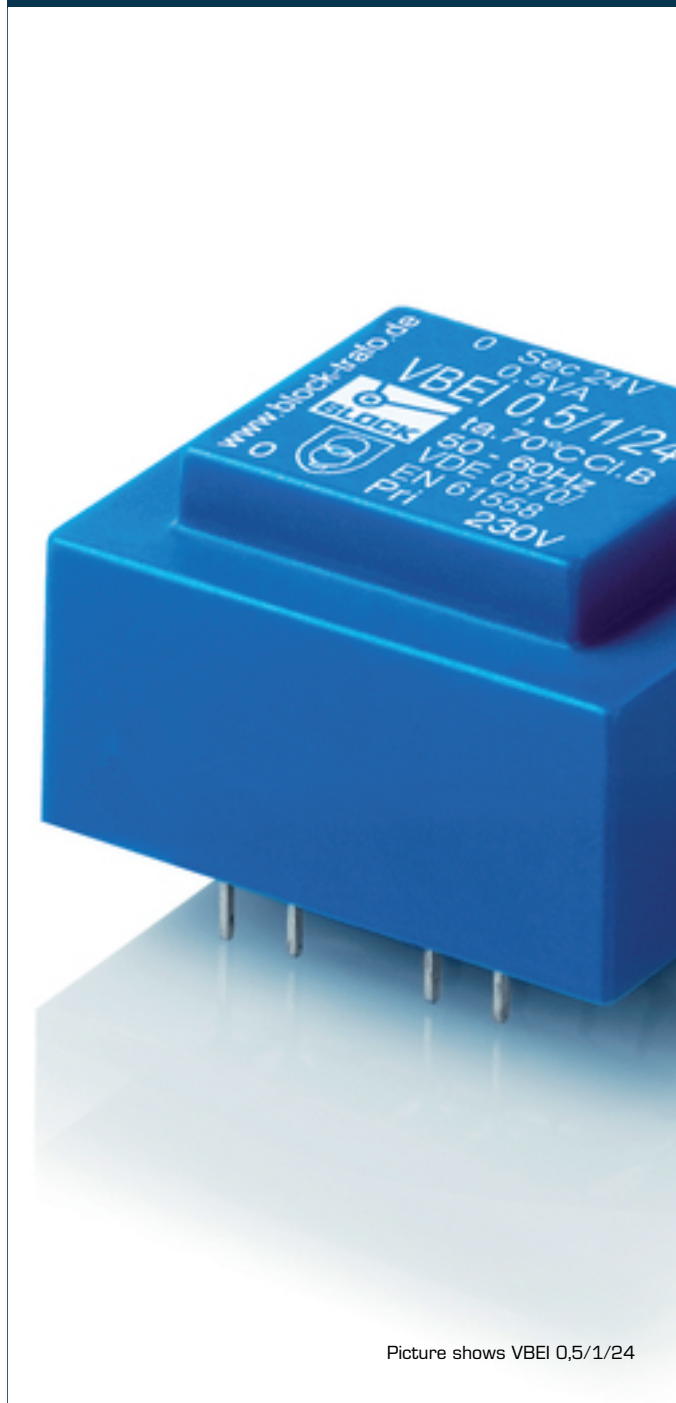
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# Safety isolating transformer

## VBEI 0,5/1/12



Picture shows VBEI 0,5/1/24

## Advantages

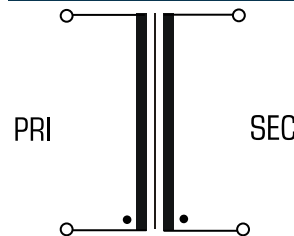
Minimum size at high output
Very low height
Unconditionally short-circuit proof
Also with dual output voltage for series or parallel connection
Designed for high ambient temperatures
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin 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 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

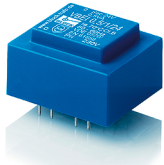


Safety isolating transformer  
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,  
UL 5085-1/-2, CSA 22.2 No.66

## Approvals



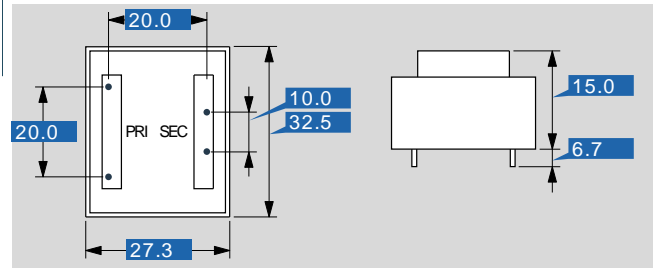
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



## Safety isolating transformer VBEI 0,5/1/12

Type		VBEI 0,5/1/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	12 Vac
	Rated Power	0.50 VA
	No-load voltage (app. x factor)	1.60
	No-load loss (typ.)	1.90 W
	Efficiency	28 %
	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	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>VBEI 0,5/1/12</b>	

Type		VBEI 0,5/1/12
Mechanical data	Terminal and mounting	
	Terminals	Pins for printed circuit boards
Mechanical data	Measures and weights	
	Pin (ø)	0.8 mm
	Core type	EI 30/5,0
	Weight	0.04 kg



Subjects to change.



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Product	Code	Reference	Product link
Short circuit proof PCB transformer short circuit proof, encapsulated, low profile, PRI 230 Vac, SEC 0.5 VA, 6 - 24 Vac, 2 x 6 - 2 x 24 Vac	VBEI05112	VBEI 0,5/1/12	<a href="#">Buy on EAN</a>