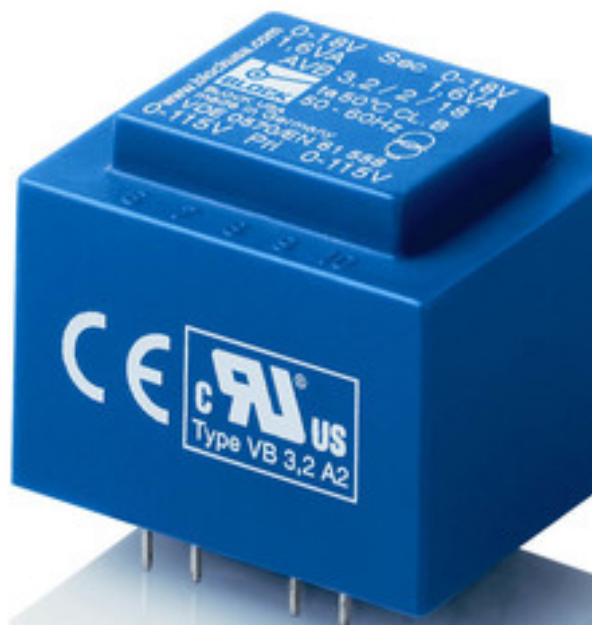# Mains transformer
AVB 0,5/2/24* Discontinued line - not for new designs
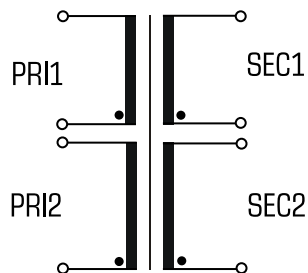
Picture shows AVB 3,2/2/18

Advantages

Minimum size at high output
Inherently short-circuit proof
Dual input voltage for series or parallel connection
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
Self-extinguishing potting and hood 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
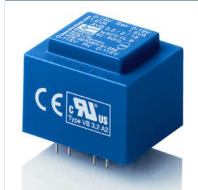
PRI1   SEC1

PRI2   SEC2

Standards

Mains transformer
to: VDE 0570 Teil 2-1, DIN EN 61558-2-1, EN 61558-2-1, IEC 61558-2-1, UL 5085-1/-2, CSA 22.2 No.66
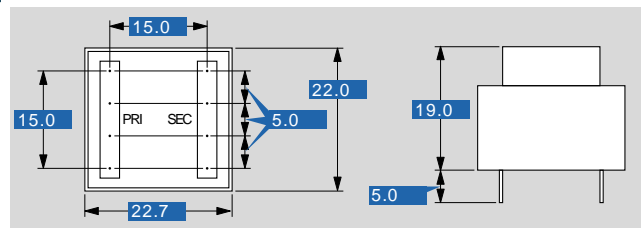
Approvals

UL 5085-1/-2, CSA 22.2 No.66

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Mains transformer
AVB 0,5/2/24* Discontinued line - not for new designs

Type	AVB 0,5/2/24* Discontinued line - not for new designs
Input	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 24 Vac
Rated Power	0.5 VA
No-load voltage (app. x factor)	1.80
No-load loss (typ.)	1.10 W
Efficiency	40.0 %
Standards	
Classification	Mains transformer
Approvals	
Approvals	cURus
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	
Order Number	**AVB 0,5/2/24* Discontinued line - not for new designs**

Electrical data

Type	AVB 0,5/2/24* Discontinued line - not for new designs
Terminal and mounting	
Terminals	Pins for printed circuit boards
Pin (ø)	0.6
Measures and weights	
Core type	EE 20/10,5
Weight	0.04 kg

Mechanical data

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