Safety isolating transformer
# VB 0,5/2/12



Picture shows VB 2,0/2/6

## Advantages

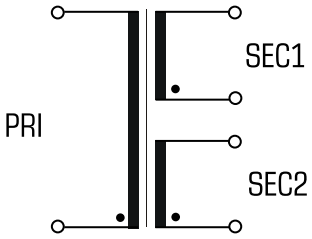
- Minimum size at high output
- Inherently short-circuit proof
- Dual output voltage for series or parallel connection
- Designed for high ambient temperatures
- Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation
- Self-extinguishing 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

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

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# Safety isolating transformer
# VB 0,5/2/12

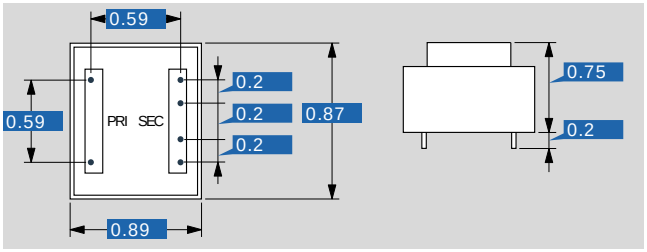
## Electrical data

| Type | VB 0,5/2/12 |
|---|---|
| **Input** | |
| Rated input voltage | 230 Vac |
| Rated frequency | 50 - 60 Hz |
| **Output** | |
| Rated output voltage | 2 x 12 Vac |
| Power | 0.5 VA |
| No-load voltage (app. x factor) | 1.80 |
| No-load loss (typ.) | 1.1 W |
| Efficiency | 40 % |
| **Standards** | |
| Classification | Safety isolating transformer |
| **Approvals** | |
| Approvals | cURus, VDE |
| **Environment** | |
| Ambient temperature max. | 158.0 °F |
| **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** | **VB 0,5/2/12** |

## Mechanical data

| Type | VB 0,5/2/12 |
|---|---|
| **Terminal and mounting** | |
| Terminals | Pins for printed circuit boards |
| **Measures and weights** | |
| Pin (ø) | 0.024 inch |
| Core type | EE 20/10,5 |
| Weight | 0.09 lbs |

### Dimensions in inch




Subject to change.