

## Mains transformer VB 3,2/2/24



Picture shows VB 2,0/2/6

## Advantages

Minimum size at high output

Inherently 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

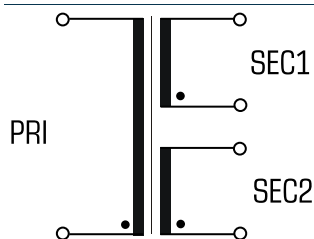
Self-extinguishing potting material

## 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

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



# Mains transformer

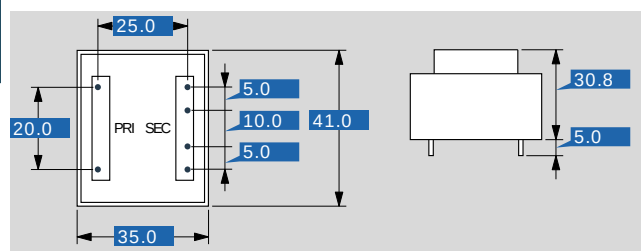
## VB 3,2/2/24

### Electrical data

| Type                            | VB 3,2/2/24                    |
|---------------------------------|--------------------------------|
| Input                           |                                |
| Rated input voltage             | 230 Vac                        |
| Rated frequency                 | 50 - 60 Hz                     |
| Output                          |                                |
| Rated output voltage            | 2 x 24 Vac                     |
| Rated Power                     | 3.2 VA                         |
| No-load voltage (app. x factor) | 1.70                           |
| No-load loss (typ.)             | 0.80 W                         |
| Efficiency                      | 53.0 %                         |
| Standards                       |                                |
| Classification                  | Mains transformer              |
| Approvals                       |                                |
| Approvals                       | cURus, VDE                     |
| Environment                     |                                |
| Ambient temperature max.        | 50 °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                    | VB 3,2/2/24                    |

### Mechanical data

| Type                  | VB 3,2/2/24                     |
|-----------------------|---------------------------------|
| Terminal and mounting |                                 |
| Terminals             | Pins for printed circuit boards |
| Measures and weights  |                                 |
| Pin (ø)               | 0.8 mm                          |
| Core type             | EI 38/16,5                      |
| Weight                | 0.17 kg                         |



Subject to change.