

## Safety isolating transformer VC 3,2/1/18



Picture shows VC 16/2/18

### Advantages

Minimum size at high output

Dual output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation

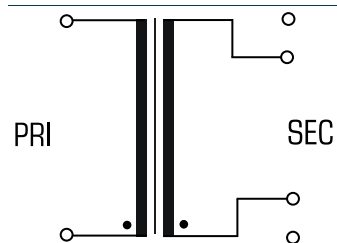
Self-extinguishing potting material

### Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As a safety 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



# Safety isolating transformer

## VC 3,2/1/18

### Electrical data

| Type                            | VC 3,2/1/18                  |
|---------------------------------|------------------------------|
| Input                           |                              |
| Rated input voltage             | 230 Vac                      |
| Rated frequency                 | 50 - 60 Hz                   |
| Output                          |                              |
| Rated output voltage            | 18 Vac                       |
| Power                           | 3.2 VA                       |
| No-load voltage (app. x factor) | 1.50                         |
| No-load loss (typ.)             | 1 W                          |
| Efficiency                      | 60 %                         |
| Standards                       |                              |
| Classification                  | Safety isolating transformer |
| Approvals                       |                              |
| Approvals                       | cURus, VDE                   |
| Environment                     |                              |
| Ambient temperature max.        | 140.0 °F                     |
| Safety and protection           |                              |
| Type                            | Encapsulated                 |
| Insulation class                | VDE=B, UL=class 105          |
| Protection index                | IP 00                        |
| Safety class (prepared)         | II                           |
| Short circuit strength          | non-short-circuit proof      |
| Order numbers                   |                              |
| Order Number                    | VC 3,2/1/18                  |

### Mechanical data

| Type                  | VC 3,2/1/18                     |
|-----------------------|---------------------------------|
| Terminal and mounting |                                 |
| Terminals             | Pins for printed circuit boards |
| Measures and weights  |                                 |
| Pin (ø)               | 0.031 inch                      |
| Core type             | EI 38/13,5                      |
| Weight                | 0.33 lbs                        |
| Dimensions in inch    |                                 |
|                       |                                 |

Subject to change.