

Mains transformer FL 2/24



Picture shows FL 42/12

Advantages

Minimum size at high output

Low height

Dual input voltage for series or parallel connection

Dual output voltage for series or parallel connection

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

Self-extinguishing potting material

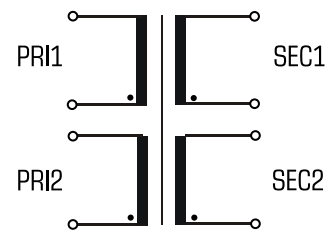
Applications

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

As an isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

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



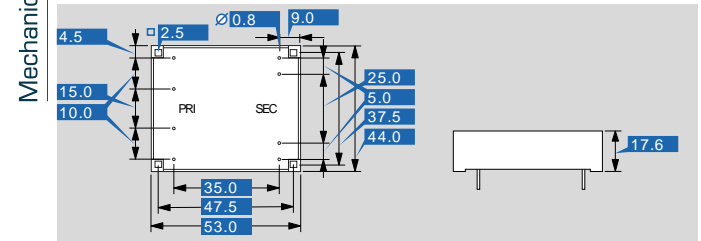
UL 5085-1/-2, CSA 22.2 No.66



Mains transformer FL 2/24

| Type | | FL 2/24 |
|--------------------------|---------------------------------|-------------|
| Electrical data | Input | |
| | Rated input voltage | 2 x 115 Vac |
| | Rated frequency | 50 - 60 Hz |
| | Output | |
| | Rated output voltage | 2 x 24 Vac |
| | Rated Power | 2 VA |
| | No-load voltage (app. x factor) | 1.35 |
| | No-load loss (typ.) | 0.60 W |
| | Efficiency | 66.0 % |
| | Standards | |
| Classification | Mains transformer | |
| Approvals | | |
| Approvals | cURus, VDE | |
| Environment | | |
| Ambient temperature max. | 40 °C | |
| Safety and protection | | |
| Type | Encapsulated | |
| Insulation class | VDE=E, UL=class 105 | |
| Protection index | IP 00 | |
| Safety class (prepared) | II | |
| Short circuit strength | non-short-circuit proof | |
| Order numbers | | |
| Order Number | FL 2/24 | |

| Type | | FL 2/24 |
|-----------------------|--|--------------|
| Terminal and mounting | | |
| Terminals | | Pins for PCB |
| Measures and weights | | |
| Core type | | UI 30/5,5 |
| Weight | | 0.12 kg |



Subject to change.