Safety isolating transformer **FL 6/9**



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

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

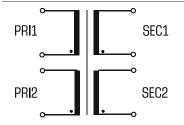
Applications

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







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





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| | Туре | FL 6/9 | |
|-----------------|---------------------------------|------------------------------|--|
| ያይ | Input | | |
| 1+ | Rated input voltage | 2 x 115 Vac | |
| Electrical data | Rated frequency | 50 - 60 Hz | |
| | Output | | |
| | Rated output voltage | 2 x 9 Vac | |
| | Rated Power | 6 VA | |
| | No-load voltage (app. x factor) | 1.35 | |
| | No-load loss (typ.) | 1.20 W | |
| B | Efficiency | 69.0 % | |
| | Standards | | |
| | Classification | Safety isolating transformer | |
| | Approvals | | |
| | Approvals | cURus, VDE | |
| | Environment | | |
| | Ambient temperature max. | 40 °C | |
| | Safety and protection | | |
| | Туре | 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 6/9 | |
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