

Short circuit proof PCB transformer **APT 30/2/12**



Advantages

- Minimum size at high output
- Integrated overload protection using PTC in the input
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDensiFill resin encapsulation
- Coil shell in 2-chamber technology
- Self-extinguishing potting material
- Space saving installation thanks to additional screw mounting in the base plate

Applications

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.

Standards

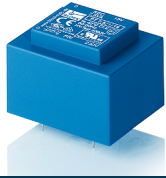


Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



Short circuit proof PCB transformer APT 30/2/12

| Type | | APT 30/2/12 |
|-------------------------|------------------------------------|------------------------------|
| Electrical data | Input | |
| | Rated input Voltage | 115 Vac |
| | Rated frequency | 50 - 60 Hz |
| | Output | |
| | Rated output voltage | 2 x 12 Vac |
| | Rated Power | 30.0 VA |
| | No-load voltage (app. x factor) | 1.13 |
| | No-load loss (typ.) | 2.30 W |
| | Efficiency | 83 % |
| | Standards | |
| | Classification | Safety isolating transformer |
| | Approvals | |
| | Approvals | cURus, ENEC (VDE) |
| | Environment | |
| | Ambient temperature max. | 40 °C |
| | Safety and protection | |
| | Type | encapsulated |
| | Class of Insulation System | VDE=B, UL=class 105 |
| | Protection index | IP 00 |
| Safety class (prepared) | II | |
| Short circuit strength | non-inherently short-circuit proof | |
| Order numbers | | |
| Order Number | APT 30/2/12 | |

| Type | | APT 30/2/12 |
|-----------------|-----------------------|---------------------------------|
| Mechanical data | Terminal and mounting | |
| | Terminals | Pins for printed circuit boards |
| | Measures and weights | |
| | Dimension (W x H x D) | 54 x 60 x 64 mm |
| | Pin (ø) | 0.8 mm |
| | Core type | EI 60/30,5 |
| Weight | 0.78 kg | |
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