

Safety isolating transformer RTE 30/2x15



Picture shows RTE 100/2x12

Advantages

| |
|--|
| Minimum size at high output |
| Low weight |
| Dual output voltage for series or parallel connection |
| Protected against overload by integral temperature fuse |
| Minimal no-load losses |
| Outstanding temperature behavior due to low magnetic leakage field |
| Very low noise field |

Applications

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

As an isolating transformer as specified in EN 61558-2-6 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 as specified in EN 61558-2-6 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



Parallelschaltung: rot mit grau / schwarz mit orange
Parallel connection: red with grey / black with orange

Reihenschaltung: schwarz mit grau
Series connection: black with grey

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



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



Safety isolating transformer RTE 30/2x15

| Type | | RTE 30/2x15 |
|-------------------------|---------------------------------|------------------------------|
| Electrical data | Input | |
| | Rated input voltage | 230 Vac |
| | Rated frequency | 50 - 60 Hz |
| | Output | |
| | Rated output voltage | 2 x 15 Vac |
| | Power | 30 VA |
| | No-load voltage (app. x factor) | 1.20 |
| | No-load loss (typ.) | 0.45 W |
| | Efficiency | 80 % |
| | Standards | |
| | Classification | Safety isolating transformer |
| | Approvals | |
| | Approvals | cURus |
| | Environment | |
| | Ambient temperature max. | 104.0 °F |
| | Safety and protection | |
| | Type | Open type |
| | Insulation class | VDE=B, UL=class 105 |
| | Protection index | IP 00 |
| Safety class (prepared) | II | |
| Short circuit strength | non-short-circuit proof | |
| Test voltage | 4000 Vac, 50 Hz | |
| Order numbers | | |
| Order Number | RTE 30/2x15 | |

| Type | | RTE 30/2x15 |
|-----------------|---|--------------------------|
| Mechanical data | Terminal and mounting | |
| | Fixing method | Mounting kit, M4 bolt |
| | Terminals | Connecting leads, 200 mm |
| | Measures and weights | |
| | Major diameter Ø | 2.68 inch |
| | Outside diameter in the area of the wire lead Ø | 2.76 inch |
| | Height without mounting | 1.22 inch |
| | Weight | 1.01 lbs |