RTE 80/2x18



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

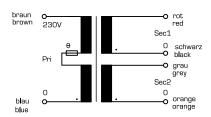
Applications

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**







Safety isolating transformer RTE 80/2x18

| Time | DTC 00 /010 |
|---------------------------------|---|
| rype | RTE 80/2x18 |
| Input | |
| Rated input voltage | 230 Vac |
| Rated frequency | 50 - 60 Hz |
| Output | |
| Rated output voltage | 2 x 18 Vac |
| Power | 80 VA |
| No-load voltage (app. x factor) | 1.12 |
| No-load loss (typ.) | 1 W |
| · · | 86 % |
| Standards | |
| Classification | Safety isolating transformer |
| Approvals | |
| Approvals | cURus |
| Environment | |
| Ambient temperature max. | 104.0 °F |
| Safety and protection | |
| Туре | 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 80/2x18 |
| | Input Rated input voltage Rated frequency Output Rated output voltage Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers |

| | Туре | RTE 80/2x18 |
|--------------|---|--------------------------|
| 00.1 | Terminal and mounting | |
| ·'' - | Fixing method | Mounting kit, M6 bolt |
| | Terminals | Connecting leads, 200 mm |
| ata | Measures and weights | |
| q | Major diameter Ø | 3.46 inch |
| g | Outside diameter in the area of the wire lead \emptyset | 3.58 inch |
| ij | Height without mounting | 1.69 inch |
| hanical data | Weight | 2.43 lbs |

