



Automatización Eléctrica

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Safety isolating transformer RTE 120/2x18



Picture shows RTE 100/2x12

Advantages

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

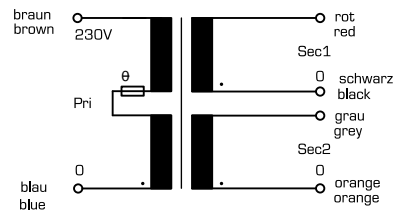
Applications

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 120/2x18

| Type | RTE 120/2x18 |
|---------------------------------|------------------------------|
| Electrical data | |
| Input | |
| Rated input voltage | 230 Vac |
| Rated frequency | 50 - 60 Hz |
| Output | |
| Rated output voltage | 2 x 18 Vac |
| Rated Power | 120 VA |
| No-load voltage (app. x factor) | 1.08 |
| No-load loss (typ.) | 1.00 W |
| Efficiency | 91 % |
| Standards | |
| Classification | Safety isolating transformer |
| Approvals | |
| Approvals | cURus |
| Environment | |
| Ambient temperature max. | 40 °C |
| Safety and protection | |
| Type | Open type |
| Class of Insulation System | 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 120/2x18 |

| Type | RTE 120/2x18 |
|---|--------------------------|
| Mechanical data | |
| Terminal and mounting | |
| Fixing method | Mounting kit, M6 bolt |
| Terminals | Connecting leads, 200 mm |
| Measures and weights | |
| Major diameter Ø | 94 mm |
| Outside diameter in the area of the wire lead Ø | 96 mm |
| Height without mounting | 46 mm |
| Weight | 1.40 kg |

Subjects to change.



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product | Code | Reference | Product link |
|--|------------|--------------|----------------------------|
| Toroidal safety isolating and isolating transformer PRI 230 Vac, SEC 15 - 625 VA, 2 x 12 - 2 x 115 Vac | RTE1202x18 | RTE 120/2x18 | Buy on EAN |