RKD 50/2x24



Picture shows RKD 60 2x12

Advantages

Minimum size at high power

Low weight

Dual input and dual output voltage for series or parallel connection

Minimal no-load losses

Outstanding temperature behaviour thanks to low magnetic leakage field

Very low noise field

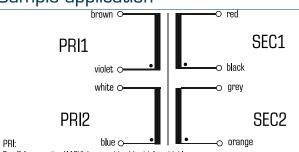
Applications

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

As an isolating transformer 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



Parallel connection (115V): brown with white/violet with blue Series connection (230V): violet with white

SEC:

Parallel connection: red with gresy/black with orange Series connection: black with grey

Standards

Isolating transformer to: VDE 0570 Teil 2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4, UL 5085-1/-2, CSA 22.2 No.66

Approvals



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





Isolating transformer RKD 50/2x24

| Туре | RKD 50/2x24 |
|---------------------------------|---|
| Input | |
| Rated input voltage | 2 x 115 Vac |
| Rated frequency | 50 - 60 Hz |
| Output | |
| Rated output voltage | 2 x 24 Vac |
| Rated Power | 50 VA |
| No-load voltage (app. x factor) | 1.20 |
| No-load loss (typ.) | 0.40 W |
| Efficiency | 82.5 % |
| Standards | |
| Classification | Isolating transformer |
| Approvals | |
| Approvals | cURus |
| Environment | |
| Ambient temperature max. | 40 °C |
| 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 | 4,000 Vac, 50 Hz |
| Order numbers | |
| Order Number | RKD 50/2x24 |
| | Input Rated input voltage Rated frequency Output Rated output voltage Rated 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 | RKD 50/2x24 |
|---------------|---|--------------------------|
| <u> </u> | Type Terminal and mounting Fixing method | |
| ``` . | Fixing method | Mounting kit, M6 bolt |
| chanical data | Terminals | Connecting leads, 200 mm |
| | Measures and weights | |
| | Major diameter Ø | 77 mm |
| | Outside diameter in the area of the wire lead \emptyset | 79 mm |
| | Height without mounting | 39 mm |
| Jar | Weight | 0.68 kg |
| ㅎ | | |

