Toroidal transformer
RKD 200/2x12

Picture shows RKD 60 2x12

Advantages

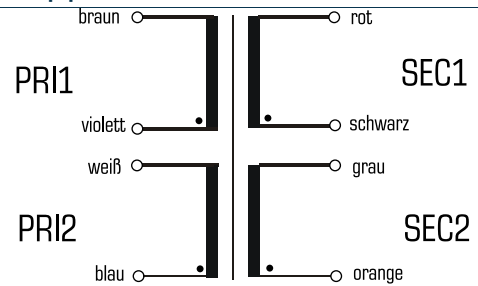| |
|---|
| Minimum size at high output |
| Low weight |
| Double input voltage for series or parallel connection |
| Double output voltage for series or parallel connection |
| Minimal no-load losses |
| Outstanding temperature behaviour thanks to low magnetic leakage field |
| Very low noise field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

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

PRI:
Parallelschaltung (115V): braun mit weiß/violett mit blau
Reihenschaltung (230V): violett mit weiß

SEC:
Parallelschaltung: rot mit grau/schwarz mit orange
Reihenschaltung: schwarz mit grau

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

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Toroidal transformer
RKD 200/2x12

Electrical data

Type	RKD 200/2x12
Input	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 12 Vac
Rated Power	200 VA
No-load voltage (app. x factor)	1.08
No-load loss (typ.)	1.50 W
Efficiency	91.5 %
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	**RKD 200/2x12**

Mechanical data

Type	RKD 200/2x12
Terminal and mounting	
Fixing method	Mounting kit, M8 bolt
Terminals	Connecting leads, 200 mm
Measures and weights	
Major diameter Ø	113 mm
Outside diameter in the area$br$of the wire lead	115 mm
Height without mounting	51 mm
Weight	2.10 kg

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