

Safety isolating transformer

RKD 160/2x30



Picture shows RKD 60 2x12

Advantages

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

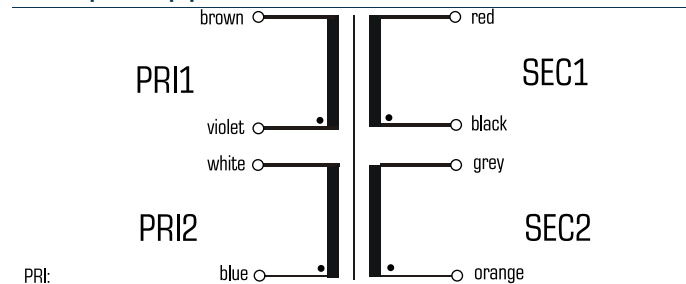
Applications

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:

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

SEC:

Parallel connection: red with grey/black with orange
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

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Electrical data	
Type	RKD 160/2x30
Input	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 30 Vac
Rated Power	160 VA
No-load voltage (app. x factor)	1.08
No-load loss (typ.)	1.10 W
Efficiency	91.0 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	40 °C
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	RKD 160/2x30

Mechanical data	
Type	RKD 160/2x30
Terminal and mounting	
Fixing method	Mounting kit, M6 bolt
Terminals	Connecting leads, 200 mm
Measures and weights	
Major diameter Ø	105 mm
Outside diameter in the area of the wire lead Ø	107 mm
Height without mounting	50 mm
Weight	1.70 kg