

Isolating transformer RKD 250/2x30



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

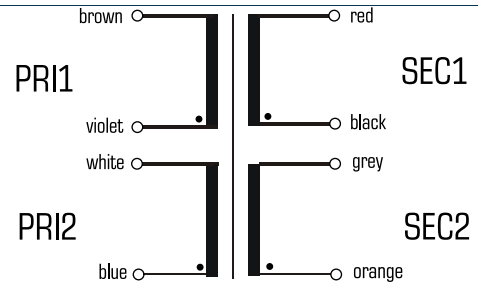
Applications

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



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 250/2x30

Electrical data		Type	RKD 250/2x30
Input			
Rated input voltage		2 x 115 Vac	
Rated frequency		50 - 60 Hz	
Output			
Rated output voltage		2 x 30 Vac	
Rated Power		250 VA	
No-load voltage (app. x factor)		1.05	
No-load loss (typ.)		2.10 W	
Efficiency		93.0 %	
Standards			
Classification		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 250/2x30	

Mechanical data		Type	RKD 250/2x30
Terminal and mounting			
Fixing method		Mounting kit, M8 bolt	
Terminals		Connecting leads, 200 mm	
Measures and weights			
Major diameter Ø		114 mm	
Outside diameter in the area of the wire lead Ø		117 mm	
Height without mounting		54 mm	
Weight		2.50 kg	