

Safety isolating transformer RKD 120/2x12



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

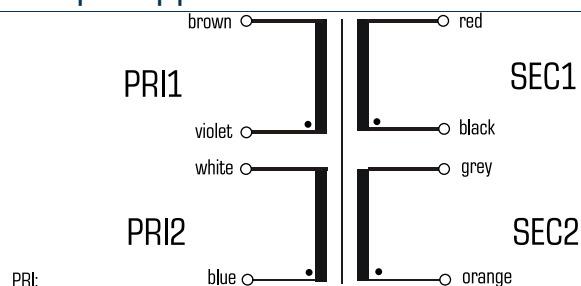
Applications

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



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

RKD 120/2x12

Electrical data		Mechanical data	
Type		Type	
RKD 120/2x12		RKD 120/2x12	
Electrical data	Input	Terminal and mounting	
	Rated input voltage	Fixing method	Mounting kit, M6 bolt
	Rated frequency	Terminals	Connecting leads, 200 mm
	Output	Measures and weights	
	Rated output voltage	Major diameter Ø	94 mm
	Rated Power	Outside diameter in the area of the wire lead Ø	96 mm
	No-load voltage (app. x factor)	Height without mounting	46 mm
	No-load loss (typ.)	Weight	1.40 kg
	Efficiency		
	Standards		
Classification		Safety isolating transformer	
Approvals		cURus	
Environment		40 °C	
Safety and protection		Open type	
Type		VDE=B, UL=class 105	
Insulation class		IP 00	
Protection index		II	
Safety class (prepared)		non-short-circuit proof	
Short circuit strength		4,000 Vac, 50 Hz	
Test voltage			
Order numbers			
Order Number		RKD 120/2x12	

Subject to change.