

Safety isolating transformer

RKD 30/2x9



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

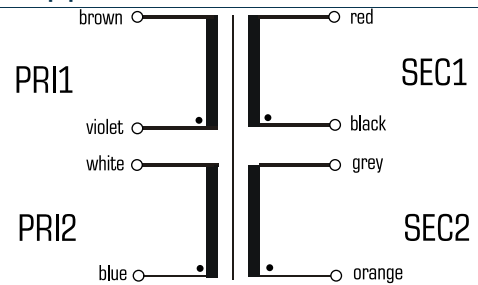
Applications

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 30/2x9

Type		RKD 30/2x9	Type	RKD 30/2x9
Electrical data	Input		Terminal and mounting	
	Rated input voltage	2 x 115 Vac	Fixing method	Mounting kit, M4 bolt
	Rated frequency	50 - 60 Hz	Terminals	Connecting leads, 200 mm
	Output		Measures and weights	
	Rated output voltage	2 x 9 Vac	Major diameter Ø	68 mm
	Rated Power	30 VA	Outside diameter in the area of the wire lead Ø	71 mm
	No-load voltage (app. x factor)	1.20	Height without mounting	31 mm
	No-load loss (typ.)	0.45 W	Weight	0.46 kg
	Efficiency	80.0 %		
	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	4,000 Vac, 50 Hz			
Order numbers				
Order Number	RKD 30/2x9			

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Mechanical data

Subject to change.