

Safety isolating transformer RKD 30/2x6



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



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Type		RKD 30/2x6	
Electrical data	Input		
	Rated input voltage	2 x 115 Vac	
	Rated frequency	50 - 60 Hz	
	Output		
	Rated output voltage	2 x 6 Vac	
	Rated Power	30 VA	
	No-load voltage (app. x factor)	1.20	
	No-load loss (typ.)	0.45 W	
	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 30/2x6		
Mechanical data	Type		
	Terminal and mounting		
	Fixing method	Mounting kit, M4 bolt	
	Terminals	Connecting leads, 200 mm	
	Measures and weights		
	Major diameter Ø	68 mm	
	Outside diameter in the area of the wire lead Ø	71 mm	
	Height without mounting	31 mm	
	Weight	0.46 kg	