Safety isolating transformer **RKD 100/2x9**



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

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

Applications

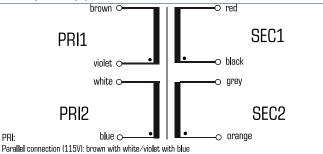
Very low noise field

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



Series connection (230V): violet with white

SEC:

PRI

Parallel connection: red with gresy/black with orange Series connection: black with grey





UL 5085-1/-2, CSA 22.2 No.66



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Туре	RKD 100/2x9		Туре	RKD 100/2x9
Input		0	l ype Terminal and mounting Fixing method	
Rated input voltage	2 x 115 Vac	· · · · · · · · · · · · · · · · · · ·	Fixing method	Mounting kit, M6 bolt
Rated frequency	50 - 60 Hz		Terminals	Connecting leads, 200 mm
Output		data	Measures and weights	
Rated output voltage	2 x 9 Vac	- U	Major diameter Ø	92 mm
Rated Power	100 VA	ច	Outside diameter in the area of the wire lead Ø Height without mounting Weight	94 mm
No-load voltage (app. x factor)	1.10	.e		45 mm
No-load loss (typ.)	0.90 W	Jai	Weight	1.20 kg
Efficiency	88.0 %	<u>S</u>		
Standards		ž		
Classification	Safety isolating transformer			
Approvals				
Approvals	cURus			
Environment				
Ambient temperature max.	40 °C			
Safety and protection				
Туре	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 100/2x9			

