#### Isolating transformer RKD 500/2x24



#### Standards

Isolating transformer to: VDE 0570 Part2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4, 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

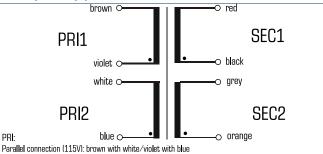
Very low noise field

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





# Isolating transformer **RKD 500/2x24**

	Туре	RKD 500/2x24		Туре	RKD 500/2x24
Electrical data 7	Input		0	Terminal and mounting Fixing method	
		2 x 115 Vac		Fixing method	Mounting kit, M8 bolt
	Rated frequency	50 - 60 Hz		Terminals	Connecting leads, 200 mm
	Output		data	Measures and weights	
	Rated output voltage	2 x 24 Vac	q	Major diameter Ø	140 mm
	Rated Power	500 VA	<u>a</u>	Outside diameter in the area of the wire lead $\varnothing$	143 mm
	No-load voltage (app. x factor)	1.04	ie ie	Height without mounting	68 mm
	No-load loss (typ.)	3.40 W	าลเ	Weight	4.80 kg
	Efficiency	95.0 %	Mechanical		
	Standards	rds			
	Classification	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)	Ш			
	Short circuit strength	non-short-circuit proof			
	Test voltage	4,000 Vac, 50 Hz			
	Order numbers				
	Order Number	RKD 500/2x24			

