# Safety isolating transformer **RKD 30/2x6**



#### 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

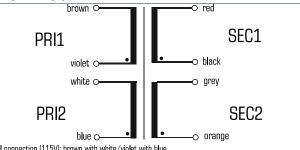
Very low noise field

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



Parallel connection (115V): brown with white/violet with blue 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 30/2x6		Туре	RKD 30/2x6
Input		30	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 Rated output voltage		data	Measures and weights	
Rated output voltage	2 x 6 Vac	d <u>n</u>	Major diameter Ø	68 mm
	30 VA	ច	Outside diameter in the area of the wire lead Ø	71 mm
No-load voltage (app. x factor)	1.20	ic	Height without mounting	31 mm
Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency	0.45 W	าลเ	Weight	0.46 kg
Efficiency	80.0 %			
Standards		Mechanical		
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)	ll			
Short circuit strength	non-short-circuit proof			
Test voltage	4,000 Vac, 50 Hz			
Order numbers				
Order Number	RKD 30/2x6			