

# Safety isolating transformer

## RKD 15/2x15



Picture shows RKD 60 2x12

## Advantages

- Minimum size at high power
- Low weight
- Dual input voltage for series or parallel connection
- Minimal no-load losses
- Outstanding temperature behaviour thanks to low magnetic leakage field
- Very low noise field

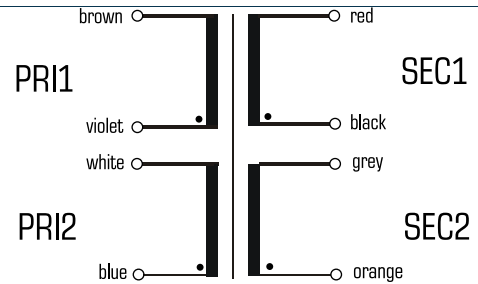
## Applications

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 15/2x15

Electrical data		Type	RKD 15/2x15	Mechanical data		Type	RKD 15/2x15
Input							
Rated input voltage		2 x 115 Vac					
Rated frequency		50 - 60 Hz					
Output							
Rated output voltage		2 x 15 Vac					
Rated Power		15 VA					
No-load voltage (app. x factor)		1.35					
No-load loss (typ.)		0.30 W					
Efficiency		73.0 %					
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		4000 Vac, 50 Hz					
Order numbers							
<b>Order Number</b>		<b>RKD 15/2x15</b>					
				Terminal and mounting			
				Fixing method		Mounting kit, M4 bolt	
				Terminals		Connecting leads, 200 mm	
				Measures and weights			
				Major diameter Ø		58 mm	
				Outside diameter in the area of the wire lead Ø		60 mm	
				Height without mounting		27 mm	
				Weight		0.29 kg	