

# Isolating transformer RKD 3000/2x115



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

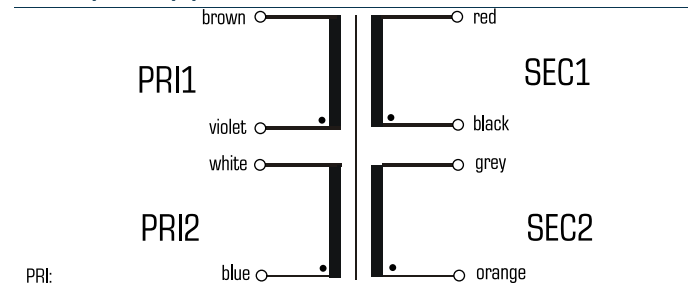
## Applications

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

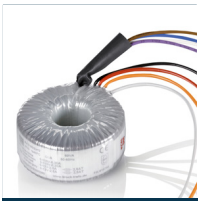


Isolating transformer  
to: VDE 0570 Part2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4, UL 5085-1/-2, CSA 22.2 No.66

## Approvals



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



## Isolating transformer RKD 3000/2x115

Type		RKD 3000/2x115
Electrical data	<b>Input</b>	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	<b>Output</b>	
	Rated output voltage	2 x 115 Vac
	Rated Power	3000 VA
	No-load voltage (app. x factor)	1.01
	No-load loss (typ.)	12.70 W
	Efficiency	98.0 %
	<b>Standards</b>	
	Classification	Isolating transformer
	<b>Approvals</b>	
	Approvals	cURus
	<b>Environment</b>	
	Ambient temperature max.	40 °C
	<b>Safety and protection</b>	
	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	
<b>Order numbers</b>		
<b>Order Number</b>	<b>RKD 3000/2x115</b>	

Type		RKD 3000/2x115
Mechanical data	<b>Terminal and mounting</b>	
	Fixing method	Remaining hole casting, with integrated mounting holes
	Terminals	Connecting leads, 200 mm
	<b>Measures and weights</b>	
	Major diameter Ø	216 mm
	Outside diameter in the area of the wire lead Ø	221 mm
	Height without mounting	125 mm
Weight	20.90 kg	