

# Isolating transformer

## RKD 400/2x24



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

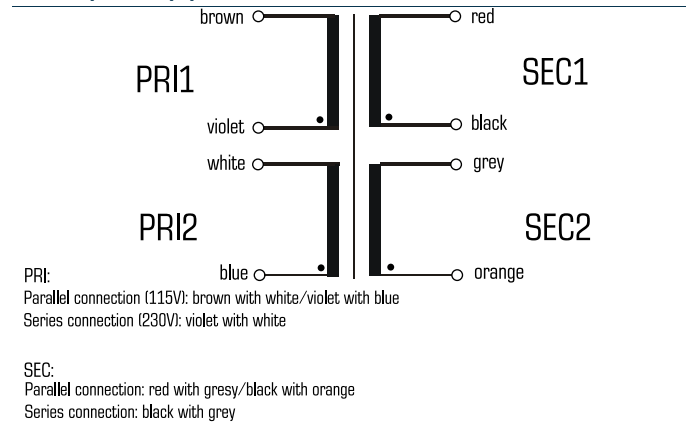
## Applications

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



## Standards



Isolating transformer  
 to: VDE 0570 Teil 2-4, 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 400/2x24

Electrical data	
<b>Type</b>	<b>RKD 400/2x24</b>
<b>Input</b>	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	2 x 24 Vac
Rated Power	400 VA
No-load voltage (app. x factor)	1.05
No-load loss (typ.)	3.20 W
Efficiency	93.5 %
<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 400/2x24</b>

Mechanical data	
<b>Type</b>	<b>RKD 400/2x24</b>
<b>Terminal and mounting</b>	
Fixing method	Mounting kit, M8 bolt
Terminals	Connecting leads, 200 mm
<b>Measures and weights</b>	
Major diameter Ø	128 mm
Outside diameter in the area of the wire lead Ø	131 mm
Height without mounting	73 mm
Weight	4.10 kg