#### **RKD 120/2x12**



#### 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

Very low noise field

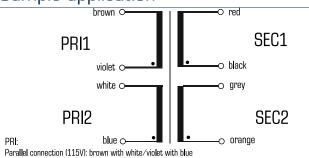
## **Applications**

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



Series connection (230V): violet with white

SEC:

Parallel connection: red with gresy/black with orange Series connection: black with grey

Picture shows RKD 60 2x12

#### 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 120/2x12**

	Туре	RKD 120/2x12
۲	Input	
+	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
data	Output	
ö	Rated output voltage	2 x 12 Vac
ā	Rated Power	120 VA
읟	No-load voltage (app. x factor)	1.08
당	No-load loss (typ.)	1.00 W
=lectrical	Efficiency	91.0 %
	Standards	
	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)	II
	Short circuit strength	non-short-circuit proof
	Test voltage	4,000 Vac, 50 Hz
	Order numbers	
	Order Number	RKD 120/2x12

	Туре	RKD 120/2x12
00.1	Terminal and mounting	
·" -	Fixing method	Mounting kit, M6 bolt
	Terminals	Connecting leads, 200 mm
chanical data	Measures and weights	
ď	Major diameter Ø	94 mm
g	Outside diameter in the area of the wire lead $\emptyset$	96 mm
.;∈	Height without mounting	46 mm
Э	Weight	1.40 kg
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