RKD 50/2x12



Picture shows RKD 60 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 behavior due to low magnetic leakage field

Very low noise field

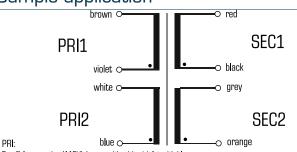
Applications

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



Parallel connection (115V): brown with white/violet with blue Series connection (230V): violet with white

SEC:

Parallel connection: red with gresy/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 50/2x12**

	7-7	
	Type	RKD 50/2x12
Ĺ	Input	
+	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
uara	Output	
5	Rated output voltage	2 x 12 Vac
Elechical	Power	50 VA
≘	No-load voltage (app. x factor)	1.20
3	No-load loss (typ.)	0.4 W
9	Efficiency	82.5 %
_	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus
	Environment	
	Ambient temperature max.	104.0 °F
	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 50/2x12

	Type	RKD 50/2x12
00.1	Terminal and mounting	
·'' -	Fixing method	Mounting kit, M6 bolt
	Terminals	Connecting leads, 200 mm
chanical data	Measures and weights	
q	Major diameter Ø	3.03 inch
g	Outside diameter in the area of the wire lead \emptyset	3.11 inch
ij	Height without mounting	1.54 inch
Эa	Weight	1.50 lbs
÷		

