RKD 50/2x15



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

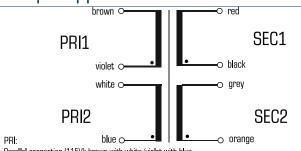
Applications

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



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

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 50/2x15**

Input Rated input voltage Rated frequency Output Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order Number Rated output voltage 2 x 15 Vac 50 VA 0.40 W E2.5 % Safety l.20 0.40 W Safety isolating transformer Approvals CURUS CU		Туре	RKD 50/2x15
Rated frequency Output Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max. Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers So VA No-load voltage (app. x factor) 1.20 N.40 W 82.5 % Safety isolating transformer Aghety isolating transformer Aghety isolating transformer Ado °C Safety and protection Type Insulation class Protection index IP 00 Safety class (prepared) II Test voltage Order numbers	L	Input	
Output Rated output voltage 2 x 15 Vac Rated Power 50 VA No-load voltage (app. x factor) 1.20 No-load loss (typ.) 0.40 W Efficiency 82.5 % Standards Classification Safety isolating transformer Approvals Environment Ambient temperature max. 40 °C Safety and protection 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 Order numbers Over the content of	+	Rated input voltage	2 x 115 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv 'C C Safety class (prepared) II Short circuit strength Test voltage Order numbers		Rated frequency	50 - 60 Hz
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv 'C C Safety class (prepared) II Short circuit strength Test voltage Order numbers	3	Output	
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv °C Open type Open type Ill Open type Ill Ono-short-circuit proof Test voltage Order numbers	3	Rated output voltage	2 x 15 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv °C Open type Open type Ill Open type Ill Ono-short-circuit proof Test voltage Order numbers	<u></u>	Rated Power	50 VA
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv °C Open type Open type Ill Open type Ill Ono-short-circuit proof Test voltage Order numbers	2	No-load voltage (app. x factor)	1.20
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv °C Open type Open type Ill Open type Ill Ono-short-circuit proof Test voltage Order numbers	3	No-load loss (typ.)	0.40 W
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers Safety isolating transformer Adv °C Open type Open type Ill Open type Ill Ono-short-circuit proof Test voltage Order numbers	₽	Efficiency	82.5 %
Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers CURus CURus CURus CURus CURus Environment 40 °C Open type Open type Insulation class 105 IP 00 Safety class (prepared) II Short circuit strength Test voltage Order numbers		Standards	
Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers CURus CURus CURus CURus CURus CURus 40 °C Open type Open type Insulation class VDE=B, UL=class 105 IP 00 II Inon-short-circuit proof Test voltage Order numbers		Classification	Safety isolating transformer
Environment Ambient temperature max. Safety and protection Type Insulation class Protection index Safety class (prepared) Short circuit strength Test voltage Order numbers 40 °C Open type UPE=B, UL=class 105 PO UPE=B, UL=class 105 PO UPE=B, UL=class 105 PO UPE OPEN UP OO		Approvals	
Ambient temperature max. Safety and protection Type		Approvals	cURus
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 4,000 Vac, 50 Hz Order numbers		Environment	
Type Insulation class VDE=B, UL=class 105 Protection index IP 00 Safety class (prepared) Short circuit strength Test voltage Order numbers Open type UDE=B, UL=class 105 IP 00 II non-short-circuit proof 4,000 Vac, 50 Hz		Ambient temperature max.	40 °C
Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Test voltage Order numbers VDE=B, UL=class 105 IP 00 II non-short-circuit proof 4,000 Vac, 50 Hz		Safety and protection	
Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Test voltage 4,000 Vac, 50 Hz Order numbers		Туре	Open type
Safety class (prepared) Short circuit strength Test voltage Order numbers II non-short-circuit proof 4,000 Vac, 50 Hz		Insulation class	VDE=B, UL=class 105
Short circuit strength non-short-circuit proof Test voltage 4,000 Vac, 50 Hz Order numbers		Protection index	IP 00
Test voltage 4,000 Vac, 50 Hz Order numbers		Safety class (prepared)	II
Order numbers		Short circuit strength	non-short-circuit proof
<u> </u>		Test voltage	4,000 Vac, 50 Hz
Order Number RKD 50/2x15		Order numbers	
		Order Number	RKD 50/2x15

	Туре	RKD 50/2x15
0	Terminal and mounting	
``` <b>.</b>	Fixing method	Mounting kit, M6 bolt
	Terminals	Connecting leads, 200 mm
data	Measures and weights	
	Major diameter Ø	77 mm
ਲ	Outside diameter in the area of the wire lead $\emptyset$	79 mm
.은	Height without mounting	39 mm
chanical	Weight	0.68 kg
$\dot{\sigma}$		

