Toroidal transformer

RKD 625/2x115



Advantages

Minimum size at high output

Low weight

Double input voltage for series or parallel connection

Double 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.

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





Toroidal transformer **RKD 625/2x115**

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 Class of Insulation System Protection index Protection index 2 x 115 Vac 82 x 115 Vac 83 vac 84 vac 95 94 95 96 95 96 95 96 95 96 95 96 95 96 95 96 95 96 96 VBL 96 VBL 97 VBL 98 VBL	1+	Rated input Voltage Rated frequency	-::
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 Class of Insulation System Solution Solutio		Rated frequency	-::
Output Rated output voltage Rated Power Ro-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System VDE-B, UL=class 105	ical data	• •	50 - 60 Hz
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C Safety and protection Type Open type VDE=B, UL=class 105	ical data	Output	00 00112
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C Safety and protection Type Open type VDE=B, UL=class 105	ical da	Outhur	
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C Safety and protection Type Open type VDE=B, UL=class 105	igal	Rated output voltage	2 x 115 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C Safety and protection Type Open type VDE=B, UL=class 105	.⊵∣	Rated Power	625 VA
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C Safety and protection Type Open type VDE=B, UL=class 105		No-load voltage (app. x factor)	
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C Safety and protection Type Open type VDE=B, UL=class 105	당	No-load loss (typ.)	
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Isolating transformer CURus 40 °C open type VDE=B, UL=class 105	유	Efficiency	95 %
Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System CURus 40 °C open type Open type VDE=B, UL=class 105		Standards	
Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System cURus 40 °C open type Open type VDE=B, UL=class 105		Classification	Isolating transformer
Environment Ambient temperature max. Safety and protection Type open type Class of Insulation System VDE=B, UL=class 105		Approvals	
Ambient temperature max. Safety and protection Type open type Class of Insulation System VDE=B, UL=class 105		Approvals	cURus
Safety and protection Type open type Class of Insulation System VDE=B, UL=class 105		Environment	
Type open type Class of Insulation System VDE=B, UL=class 105		Ambient temperature max.	40 °C
Class of Insulation System VDE=B, UL=class 105		Safety and protection	
		Туре	open type
Protection index IP 00		Class of Insulation System	•
1 TOGETHINGS		Protection index	IP 00
Safety class (prepared)			"
Short circuit strength non-short-circuit proof		-	· ·
Test voltage 4000 Vac, 50 Hz		Test voltage	4000 Vac, 50 Hz
Order numbers		Order numbers	
		Order Number	RKD 625/2x115

	Туре	RKD 625/2x115
30	Terminal and mounting	
Mechanical data	Fixing method	Mounting kit, M8 bolt
	Terminals	Connecting leads, 200 mm
	Measures and weights	
	Weight	6.10 kg
	Major diameter Ø	152 mm
	Outside diameter in the area\$br\$of the wire lead	154 mm
	Height without mounting	74 mm

