RTE 50/2x12



Advantages

Minimum size at high output

Low weight

Dual output voltage for series or parallel connection

Protected against overload by integral temperature fuse

Minimal no-load losses

Outstanding temperature behavior due to low magnetic leakage field

Very low noise field

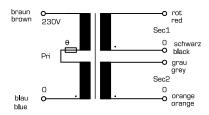
Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As an isolating transformer as specified in EN 61558-2-6 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 as specified in EN 61558-2-6 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



Parallelschaltung: rot mit grau / schwarz mit orange Parallel connection: red with grey / black with orange

Reihenschaltung: schwarz mit grau 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**







Safety isolating transformer RTE 50/2x12

	Type	RTE 50/2x12
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1+	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
ta	Output	
Electrical data	Rated output voltage	2 x 12 Vac
Ö	Power	50 VA
.은	No-load voltage (app. x factor)	1.20
g	No-load loss (typ.)	0.4 W
H	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	4000 Vac, 50 Hz
	Order numbers	
	Order Number	RTE 50/2x12

	Туре	RTE 50/2x12
30	Terminal and mounting	
	Fixing method	Mounting kit, M6 bolt
thanical data	Terminals	Connecting leads, 200 mm
	Measures and weights	
	Major diameter Ø	3.03 inch
	Outside diameter in the area of the wire lead \emptyset	3.11 inch
	Height without mounting	1.54 inch
	Weight	1.50 lbs
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