

Isolating transformer RTE 300/2x24



Picture shows RTE 100/2x12

Advantages

Minimum size at high output
Low weight
Double output voltage for series or parallel connection
Protected against overload by integral temperature fuse
Minimal no-load losses
Outstanding temperature behaviour thanks to low magnetic leakage field
Very low noise field

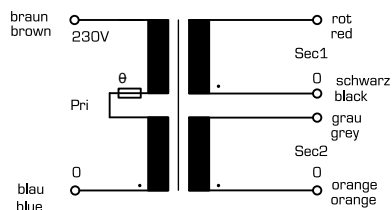
Applications

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

As an isolating transformer 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



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



Isolating transformer RTE 300/2x24

Electrical data	Type	RTE 300/2x24
	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 24 Vac
	Rated Power	300 VA
	No-load voltage (app. x factor)	1.06
	No-load loss (typ.)	2.50 W
	Efficiency	92.5 %
	Standards	
	Classification	Isolating transformer
	Approvals	
	Approvals	cURus
	Environment	
	Ambient temperature max.	40 °C
	Safety and protection	
	Type	Open type
	Class of Insulation System	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 300/2x24

Mechanical data	Type	RTE 300/2x24
	Terminal and mounting	
	Fixing method	Mounting kit, M8 bolt
	Terminals	Connecting leads, 200 mm
	Measures and weights	
	Major diameter Ø	122 mm
	Outside diameter in the area of the wire lead	126 mm
	Height without mounting	64 mm
	Weight	3.10 kg