

Safety isolating transformer RTE 80/2x18



Picture shows RTE 100/2x12

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 80/2x18

Type		RTE 80/2x18	Type		RTE 80/2x18
Electrical data	Input		Mechanical data	Terminal and mounting	
	Rated input voltage	230 Vac		Fixing method	Mounting kit, M6 bolt
	Rated frequency	50 - 60 Hz		Terminals	Connecting leads, 200 mm
	Output			Measures and weights	
	Rated output voltage	2 x 18 Vac		Major diameter Ø	3.46 inch
	Power	80 VA		Outside diameter in the area of the wire lead Ø	3.58 inch
	No-load voltage (app. x factor)	1.12		Height without mounting	1.69 inch
	No-load loss (typ.)	1 W		Weight	2.43 lbs
	Efficiency	86 %			
	Standards				
	Classification	Safety isolating transformer			
	Approvals				
	Approvals	cURus			
	Environment				
	Ambient temperature max.	104.0 °F			
	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	4000 Vac, 50 Hz				
Order numbers					
Order Number	RTE 80/2x18				

Subject to change.