

# Safety isolating transformer RTE 120/2x15



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

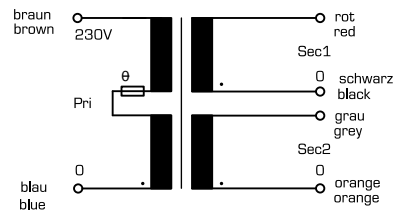
## Applications

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



UL 5085-1/-2, CSA 22.2 No.66



## Safety isolating transformer RTE 120/2x15

Type		RTE 120/2x15	Type		RTE 120/2x15
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 15 Vac		Major diameter Ø	3.70 inch
	Power	120 VA		Outside diameter in the area of the wire lead Ø	3.78 inch
	No-load voltage (app. x factor)	1.08		Height without mounting	1.81 inch
	No-load loss (typ.)	1 W		Weight	3.09 lbs
	Efficiency	91 %			
	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					
<b>Order Number</b>	<b>RTE 120/2x15</b>				

Subject to change.