# Safety isolating transformer **RTE 100/2x12**



#### 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

#### 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

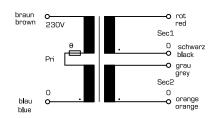
## Applications

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





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





# Safety isolating transformer **RTE 100/2x12**

Туре	RTE 100/2x12		Туре	RTE 100/2x12
Input		0	Terminal and mounting Fixing method	
<ul> <li>Rated input voltage</li> </ul>	230 Vac	· · · · · · · · · · · · · · · · · · ·	Fixing method	Mounting kit, M6 bolt
Rated frequency	50 - 60 Hz		Terminals	Connecting leads, 200 mm
Output Rated output voltage		data	Measures and weights	
Rated output voltage	2 x 12 Vac	<del>0</del>	Major diameter Ø	3.62 inch
Power	100 VA	<u>a</u>	Outside diameter in the area of the wire lead $\emptyset$	3.70 inch
No-load voltage (app. x factor)	1.10	ie ie	Height without mounting	1.77 inch
No-load loss (typ.)	0.9 W	Jai	Weight	2.65 lbs
Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency	88 %	<u>S</u>		
Standards		Mechanical		
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 100/2x12			

