

# Toroidal transformer RTE 15/2x18



## 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

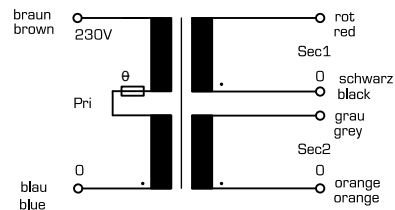
## Applications

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.

## Circuit Diagram



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



## Toroidal transformer RTE 15/2x18

Type		RTE 15/2x18
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 18 Vac
	Rated Power	15 VA
	No-load voltage (app. x factor)	1.15
	No-load loss (typ.)	0.30 W
	Efficiency	83 %
	Standards	
	Classification	Safety 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		
<b>Order Number</b>	<b>RTE 15/2x18</b>	

Type		RTE 15/2x18
Mechanical data	Terminal and mounting	
	Fixing method	Mounting kit, M5 bolt
	Terminals	Connecting leads, 200 mm
	Measures and weights	
	Weight	0.32 kg
	Major diameter Ø	59 mm
	Outside diameter in the area of the wire lead	62 mm
Height without mounting	30 mm	