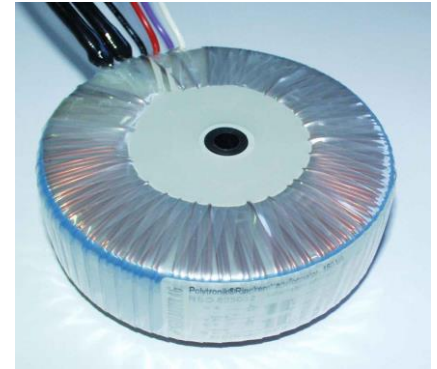
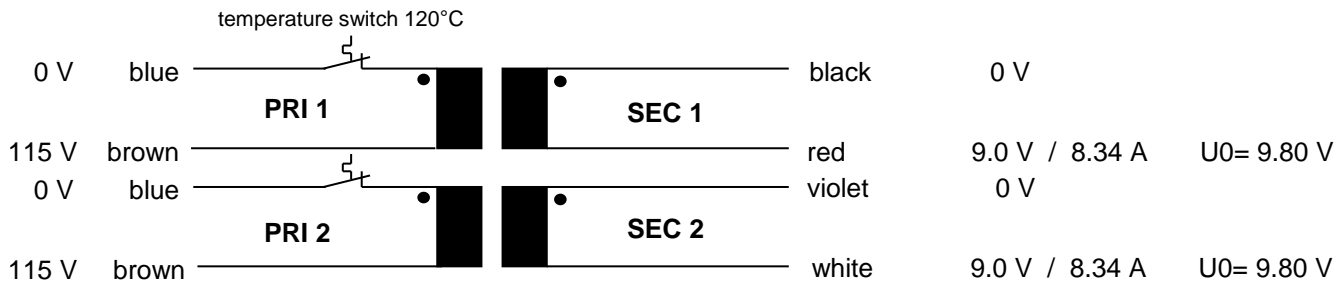


## Data sheet Polytronik® Toroidal transformer

Part no.:	<b>RSO 825031</b>
Description:	RKT 150VA/2x115V/2x9.0V 2x8.34A
Safety isolating transformer according to:	EN 61558-2-6 / VDE 0570
Power [VA]:	150
Input voltage [AC]:	2 x 115 V +-10%
Output voltage [AC]:	2 x 9.00 V
Output current [AC]:	2 x 8.34 A
Frequency [Hz]:	50/60
Dielectric strength PRI - SEC [AC]:	4400 V
Efficiency [%]:	90
Power loss at no-load [W]:	1.33
Maximum ambient temperature $t_a$ [°C]:	60
Temperature class:	B (130°C)
Temperature switch:	120°C (automatically resetting)



### Schematic:



possible connection: parallel connection **115V** = connect blue with blue and brown with brown  
**PRI 1 und PRI 2** series connection **230V** = connect brown with blue

possible connection: parallel connection **9.0V / 16.67A** = connect black with violet and red with white  
**SEC 1 und SEC 2** series connection **18.0V / 8.34A** = connect red with violet

Approval marks:	CE; ENEC; UL508 (E182061)		
Connections:	primary and secondary strands 200mm long, ends assembled with ferrules		
Model:	toroidal transformer potted on mounting disc with through-hole 8.1 mm		
Appliance class:	prepared for class II		
Protection class:	IP 00		
Recommended fuse ratings:	primary	2.50 AT / 1.25 AT (115V / 230V)	(IEC60127-2-5)
	secondary 1	10.00 AT	(IEC60127-2-3)
	secondary 2	10.00 AT	(IEC60127-2-3)
Dimensions:	diameter approx. =	115 mm	
	height approx. =	47 mm	
Weight:	approx. 1.85 kg		