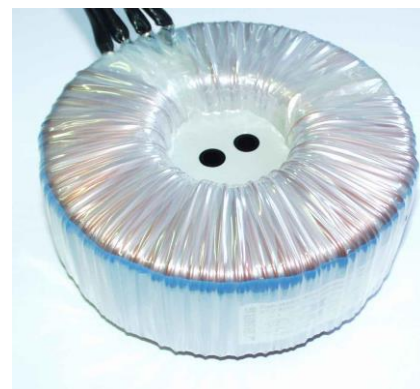
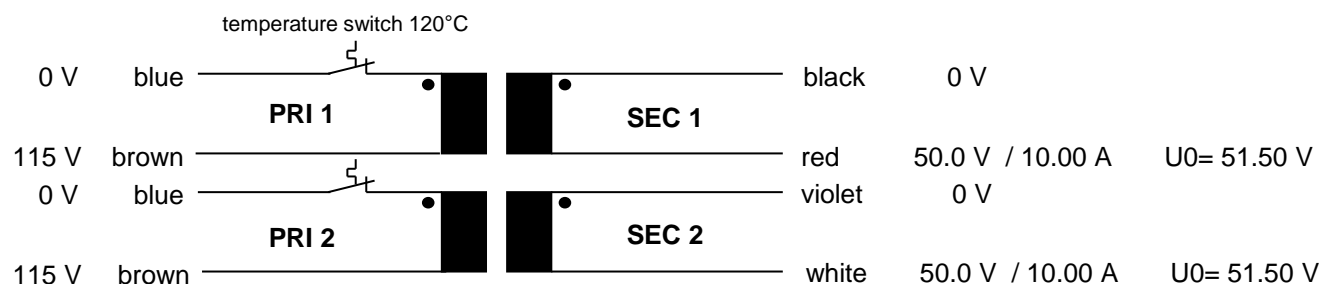


Data sheet Polytronik® Toroidal transformer

Part no.:	RTO 825074
Description:	RKT1000VA/ 2x115V/ 2x50V 2x10.00A
Isolating transformer according to:	EN 61558-2-4 / VDE 0570
Power [VA]:	1000
Input voltage [AC]:	2 x 115 V +-10%
Output voltage [AC]:	2 x 50.00 V
Output current [AC]:	2 x 10.00 A
Frequency [Hz]:	50/60
Dielectric strength PRI - SEC [AC]:	4400 V
Efficiency [%]:	96
Power loss at no-load [W]:	5.78
Maximum ambient temperature t_a [°C]:	60
Temperature class:	B (130°C)
Temperature switch:	125°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 **50.0V / 20.00A** = connect black with violet and red with white
SEC 1 und SEC 2 series connection **100.0V / 10.00A** = 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 two through-holes 8.1 mm (hole distance 18 mm)		
Appliance class:	prepared for class II		
Protection class:	IP 00		
Recommended fuse ratings:	primary	16.0 AT / 8.00 AT (115V / 230V)	(IEC60127-2-5)
	secondary 1	10.00 AT	
	secondary 2	10.00 AT	
Dimensions:	diameter approx. =	172 mm	
	height approx. =	88 mm	
Weight:	approx. 8.75 kg		