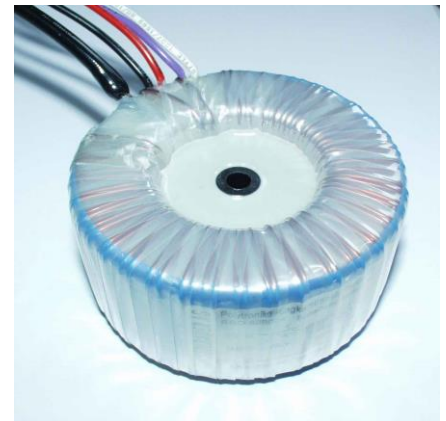
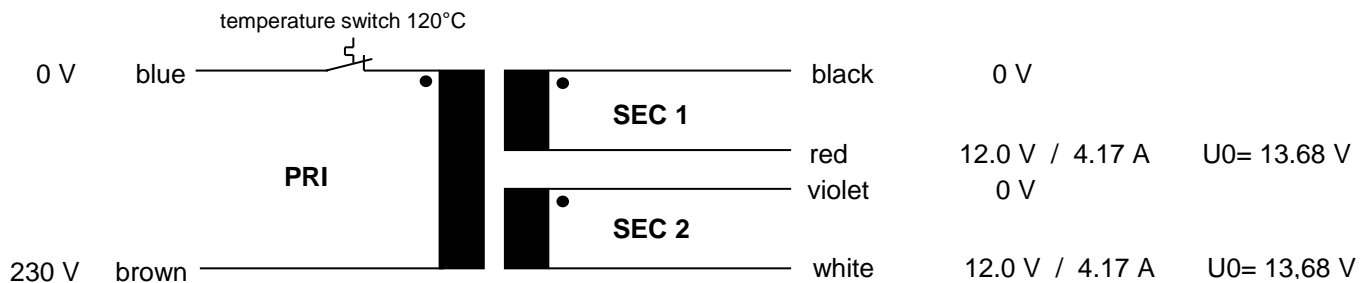


Data sheet Polytronik® Toroidal transformer

Part no.:	RSO 825026
Description:	RKT 100VA/ 230V/ 2x12.0V 2x4.17A
Safety isolating transformer according to:	EN 61558-2-6 / VDE 0570
Power [VA]:	100
Input voltage [AC]:	230 V +-10%
Output voltage [AC]:	2 x 12.00 V
Output current [AC]:	2 x 4.17 A
Frequency [Hz]:	50/60
Dielectric strength PRI - SEC [AC]:	4400 V
Efficiency [%]:	87
Power loss at no-load [W]:	1.11
Maximum ambient temperature t_a [°C]:	60
Temperature class:	B (130°C)
Temperature switch:	120°C (automatically resetting)



Schematic:



possible interconnections: parallel connection **12.0V / 8.34A** = connect black with violet and red with white
 series connection **24.0V / 4.17A** = 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 6.3 mm

Appliance class: prepared for class II

Protection class: IP 00

Recommended fuse ratings:	primary	0.800 AT (IEC60127-2-5)
	secondary 1	5.00 AT (IEC60127-2-3)
	secondary 2	5.00 AT (IEC60127-2-3)

Dimensions:	diameter approx. =	90 mm
	height approx. =	55 mm

Weight: approx. 1.27 kg