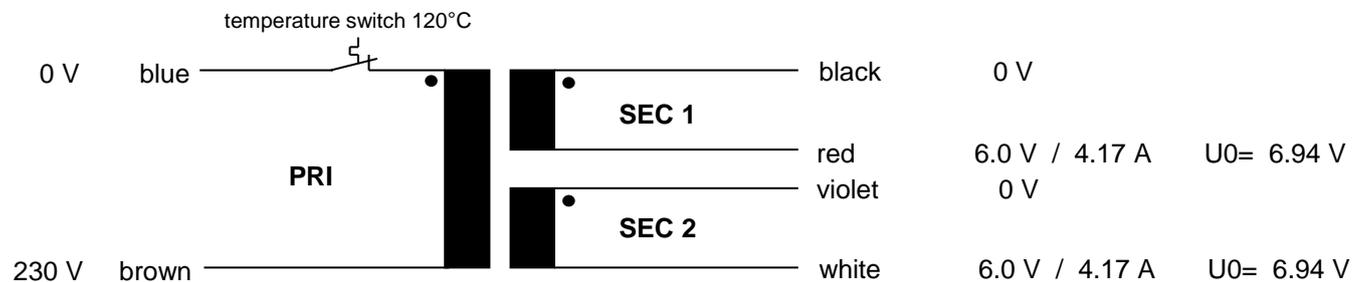


Data sheet Polytronik® Toroidal transformer

Part no.:	RSO 825012
Description:	RKT 50VA/ 230V/ 2x6.0V 2x4.17A
Safety isolating transformer according to:	EN 61558-2-6 / VDE 0570
Power [VA]:	50
Input voltage [AC]:	230 V +-10%
Output voltage [AC]:	2 x 6.00 V
Output current [AC]:	2 x 4.17 A
Frequency [Hz]:	50/60
Dielectric strength PRI - SEC [AC]:	4400 V
Efficiency [%]:	86
Power loss at no-load [W]:	0.49
Maximum ambient temperature t_a [°C]:	60
Temperature class:	B (130°C)
Temperature switch:	120°C (automatically resetting)



Schematic:



possible interconnections: parallel connection **6.0V / 8.34A** = connect black with violet and red with white
 series connection **12.0V / 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 5.5 mm
Appliance class:	prepared for class II
Protection class:	IP 00
Recommended fuse ratings:	primary 0.400 AT (IEC60127-2-5) secondary 1 5.00 AT (IEC60127-2-3) secondary 2 5.00 AT (IEC60127-2-3)
Dimensions:	diameter approx. = 78 mm height approx. = 42 mm
Weight:	approx. 0.68 kg