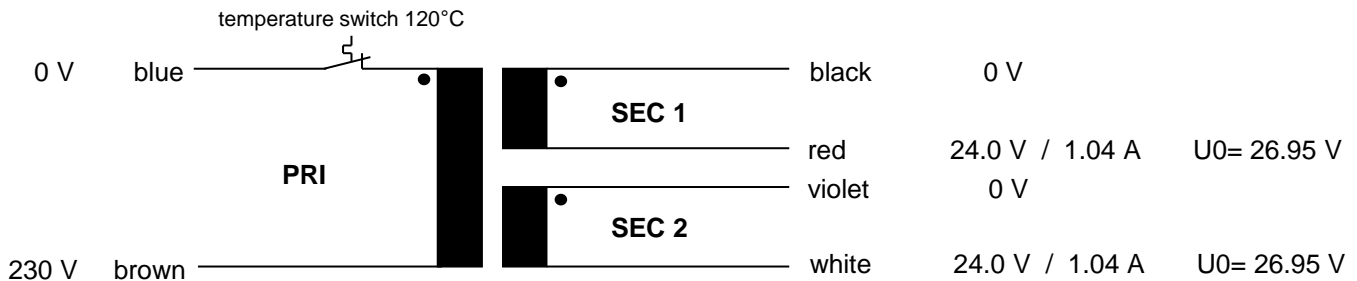


## Data sheet Polytronik® Toroidal transformer

Part no.:	<b>RSO 825017</b>
Description:	RKT 50VA/ 230V/ 2x24.0V 2x1,04A
Isolating transformer according to:	EN 61558-2-4 / VDE 0570
Power [VA]:	50
Input voltage [AC]:	230 V +-10%
Output voltage [AC]:	2 x 24.00 V
Output current [AC]:	2 x 1.04 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 **24.0V / 2.08A** = connect black with violet and red with white  
 series connection **48.0V / 1.04A** = 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	1.25 AT (IEC60127-2-3)
	secondary 2	1.25 AT (IEC60127-2-3)

Dimensions:	diameter approx. =	78 mm
	height approx. =	42 mm

Weight: approx. 0.68 kg