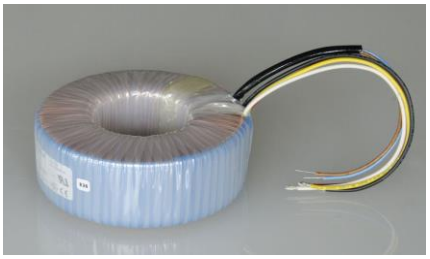
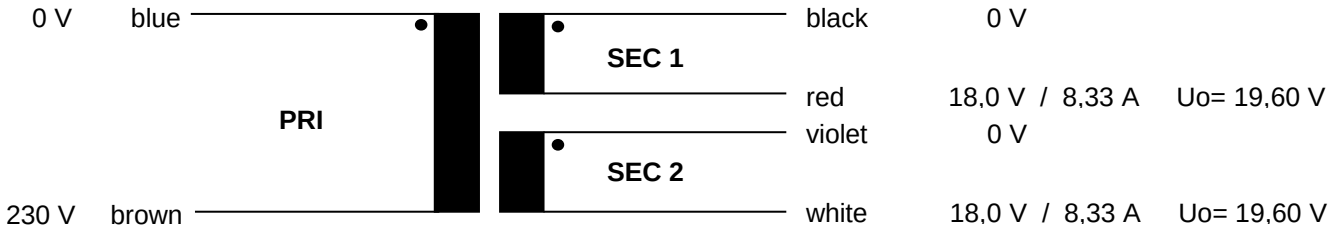
Data sheet Polytronik® Toroidal transformer



Part no.:	**RSO 826052**
Description:	RKT 300VA/ 230V/ 2x18,0V 2x8,33A
Safety isolating transformer according to:	EN 61558-2-6 / VDE 0570
Power [VA]:	300
Input voltage [AC]:	230 V +-10%
Output voltage [AC]:	2 x 18,00 V
Output current [AC]:	2 x 8,33 A
Frequency [Hz]:	50/60
Dielectric strength PRI - SEC [AC]:	4400 V
Efficiency [%]:	92
Power loss at no-load [W]:	2,4
Maximum ambient temperature ta [°C]:	40
Temperature class:	B (130°C)

Schematic:



possible interconnection: parallel connection **18.0V / 16.66A** = connect black with violet and red with white
series connection **36.0V / 8.33A** = connect red with violet

Approval marks: CE; ENEC; UL508 (E182061)

Connections: primary wires 200 mm long
secondary wires 210 mm long

Model: toroidal transformer without mounting accessories

Appliance class: prepared for class II

Protection class: IP 00

Recommended fuse ratings:			
	primary	1.60 AT	(IEC60127-2-5)
	secondary 1	10.0 AT	(IEC60127-2-3)
	secondary 2	10.0 AT	(IEC60127-2-3)

Dimensions:		
	diameter approx. =	128 mm
	height approx. =	56 mm

Weight: approx. 2.80 kg