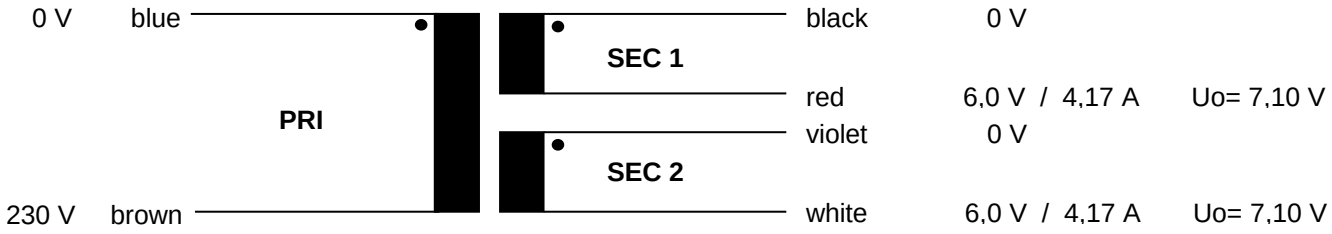
Data sheet Polytronik® Toroidal transformer

Part no.:	**RSO 826018**
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 [%]:	83
Power loss at no-load [W]:	0,48
Maximum ambient temperature ta [°C]:	40
Temperature class:	B (130°C)

Schematic:



possible interconnection: 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 wires 210 mm long
secondary wires 200 mm long

Model: toroidal transformer without mounting accessories

Appliance class: prepared for class II

Protection class: IP 00

Recommended fuse ratings:			
	primary	0.315 AT	(IEC60127-2-5)
	secondary 1	5.00 AT	(IEC60127-2-3)
	secondary 2	5.00 AT	(IEC60127-2-3)

Dimensions:		
	diameter approx. =	76 mm
	height approx. =	34 mm

Weight: approx. 0.58 kg