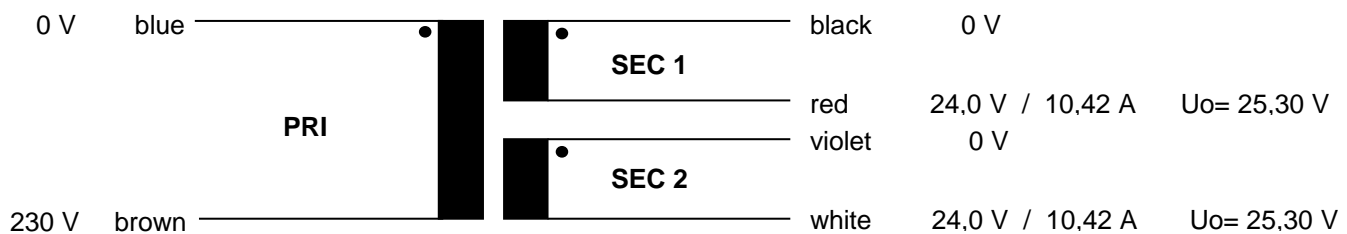


## Data sheet Polytronik<sup>®</sup> Toroidal transformer

Part no.:	<b>RTO 826059</b>
Description:	RKT 500VA/ 230V/ 2x24,0V 2x10,42A
Safety isolating transformer according to:	EN 61558-2-4 / VDE 0570
Power [VA]:	500
Input voltage [AC]:	230 V +-10%
Output voltage [AC]:	2 x 24,00 V
Output current [AC]:	2 x 10,42 A
Frequency [Hz]:	50/60
Dielectric strength PRI - SEC [AC]:	4400 V
Efficiency [%]:	93
Power loss at no-load [W]:	3,67
Maximum ambient temperature $t_a$ [°C]:	40
Temperature class:	B (130°C)



### Schematic:



possible interconnection: parallel connection **24.0V / 20.84A** = connect black with violet and red with white  
 series connection **48.0V / 10.42A** = 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	2.50 AT	(IEC60127-2-5)
	secondary 1	12.5 AT	(IEC60127-2-3)
	secondary 2	12.5 AT	(IEC60127-2-3)

Dimensions: diameter approx. = 136 mm  
 height approx. = 69 mm

Weight: approx. 4.15 kg