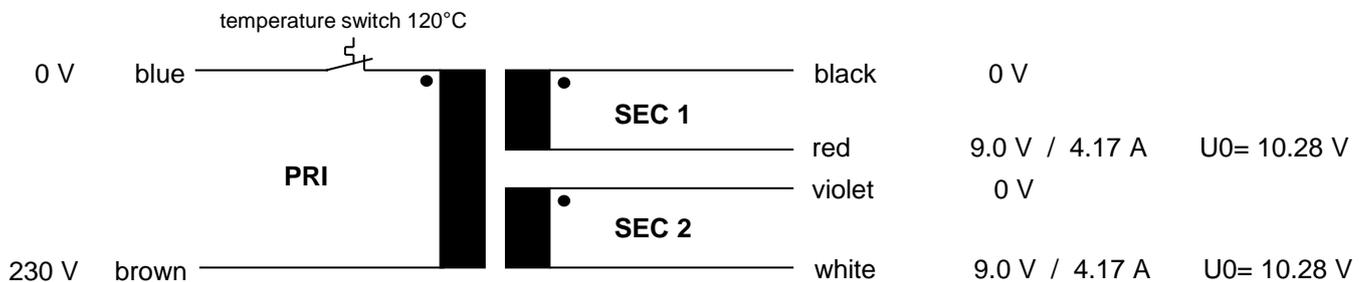


Data sheet Polytronik® Toroidal transformer

| | |
|--|---------------------------------|
| Part no.: | RSO 825019 |
| Description: | RKT 75VA/ 230V/ 2x9.0V 2x4.17A |
| Safety isolating transformer according to: | EN 61558-2-6 / VDE 0570 |
| Power [VA]: | 75 |
| Input voltage [AC]: | 230 V +-10% |
| Output voltage [AC]: | 2 x 9.00 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]: | 0.58 |
| Maximum ambient temperature t_a [°C]: | 60 |
| Temperature class: | B (130°C) |
| Temperature switch: | 120°C (automatically resetting) |



Schematic:



possible interconnections: parallel connection **9.0V / 8.34A** = connect black with violet and red with white
 series connection **18.0V / 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 6.3 mm

Appliance class: prepared for class II

Protection class: IP 00

| | | |
|---------------------------|-------------|-------------------------|
| Recommended fuse ratings: | primary | 0.630 AT (IEC60127-2-5) |
| | secondary 1 | 5.00 AT (IEC60127-2-3) |
| | secondary 2 | 5.00 AT (IEC60127-2-3) |

| | | |
|-------------|--------------------|-------|
| Dimensions: | diameter approx. = | 92 mm |
| | height approx. = | 40 mm |

Weight: approx. 0.92 kg