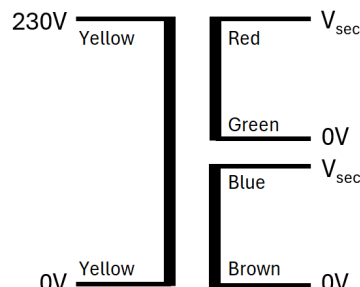


Toroidal Transformer Data Sheet

50VA Open Style, with Leads.
230V Primary, Dual Secondaries



High quality open style toroidal transformers with a single 230V/50-60Hz primary winding.
Twin secondary windings may be connected in series or parallel, or used independently



Primary 230V $\pm$ 10% @ 50-60Hz

Secondary: 2 x V_{sec} @ 25VA Each
Suitable for Series/Parallel connection



Schukat Part No.	Talema Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C	DEKRA Certificate
TRT50212	19261-P1S02	2 x 12	2.08	2 x 13.6	2 x 0.401	2161054.01
TRT50215	19262-P1S02	2 x 15	1.67	2 x 17.1	2 x 0.648	2161054.01
TRT50218	19263-P1S02	2 x 18	1.39	2 x 20.4	2 x 0.867	2161054.01
TRT50222	19264-P1S02	2 x 22	1.14	2 x 24.9	2 x 1.342	2161054.01

Primary Winding Input Voltage Range : 207V–253V (230V $\pm$ 10%) @ 50/60Hz

Losses: Core Losses 0.43 W typ.
Copper Losses 6.6 W typical

Temperature Class Winding Wire (Primary & Secondary) Class H (180°C)
Insulation between input and output Class B (130°C)
Connection lead insulation Class A (105°C)

Standards UL Recognised to UL5085 : File E215495
Approved to EN61558 : DEKRA Certificate 2161054.01 (see table above)
Conforms to EN60065, VDE0550, BS415.

Physical Data Approximate Dimensions Diameter 80mm*
Height 35mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
Approximate Weight 0.70 Kg

Terminations Primary Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 200mm Long, 10mm tinned ends.
Double-insulated over entire length with 105°C PVC tubings.
Secondary Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 200mm Long, 10mm tinned ends.

Mounting Hardware Each transformer is supplied with a mounting kit, comprising:
Neoprene Insulating disc Ø60mm 2 pieces
Dished Steel Washer Ø60mm 1 piece
Bolt M6x40mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece