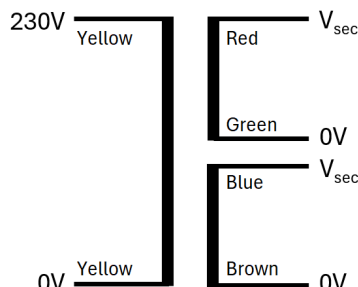


Toroidal Transformer Data Sheet

300VA 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 Vsec @ 150VA 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
TRT300212	19450-P1S02	2 x 12	12.50	2 x 13.1	2 x 0.036	2161054.01
TRT300218	19454-P1S02	2 x 18	8.33	2 x 19.4	2 x 0.084	2161054.01
TRT300222	19455-P1S02	2 x 22	6.82	2 x 23.8	2 x 0.117	2161054.01
TRT300225	19451-P1S02	2 x 25	6.00	2 x 27.1	2 x 0.151	2161054.02
TRT300230	19452-P1S02	2 x 30	5.00	2 x 32.5	2 x 0.233	2161054.02
TRT300235	19453-P1S02	2 x 35	4.29	2 x 37.8	2 x 0.304	2161054.02

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

Losses: Core Losses 1.7 W typ.
Copper Losses 22.5 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 (see table above)
Conforms to EN60065, VDE0550, BS415.

Physical Data Approximate Dimensions Diameter 115mm*
Height 58mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
Approximate Weight 2.50 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 Ø90mm 2 pieces
Dished Steel Washer Ø90mm 1 piece
Bolt M6x70mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece