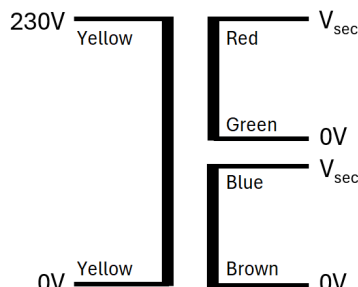


Toroidal Transformer Data Sheet

80VA 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 @ 40VA 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
TRT80210	19270-P1S02	2 x 10	4.00	2 x 11.5	2 x 0.186	2161054.01
TRT80212	19271-P1S02	2 x 12	3.33	2 x 13.8	2 x 0.275	2161054.01
TRT80215	19272-P1S02	2 x 15	2.67	2 x 17.3	2 x 0.431	2161054.01
TRT80218	19273-P1S02	2 x 18	2.22	2 x 20.7	2 x 0.579	2161054.01
TRT80222	19274-P1S02	2 x 22	1.82	2 x 25.4	2 x 0.895	2161054.02

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

Losses: Core Losses 0.51 W typ.
Copper Losses 11.8 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 92mm*
Height 36mm
Approximate Weight 1.00 Kg
* Measured away from leadout bulge; Allow extra 4mm at leads.

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 Ø70mm 2 pieces
Dished Steel Washer Ø70mm 1 piece
Bolt M6x50mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece