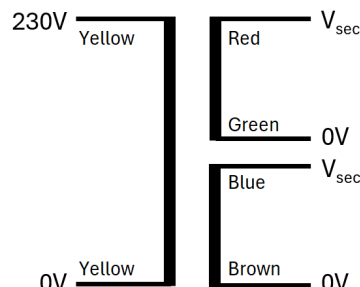


Toroidal Transformer Data Sheet

160VA 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±10% @ 50-60Hz
Secondary: 2 x Vsec @ 80VA 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
TRT160212	19291-P1S02	2 x 12	6.67	2 x 13.4	2 x 0.092	2161054.01
TRT160215	19292-P1S02	2 x 15	5.33	2 x 16.6	2 x 0.132	2161054.01
TRT160218	19293-P1S02	2 x 18	4.44	2 x 20.0	2 x 0.198	2161054.01
TRT160222	19294-P1S02	2 x 22	3.64	2 x 24.5	2 x 0.303	2161054.01

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

Losses: Core Losses 0.97 W typ.
Copper Losses 20.8 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 104mm*
Height 44mm
Approximate Weight 1.60 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 Ø90mm 2 pieces
Dished Steel Washer Ø90mm 1 piece
Bolt M6x60mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece