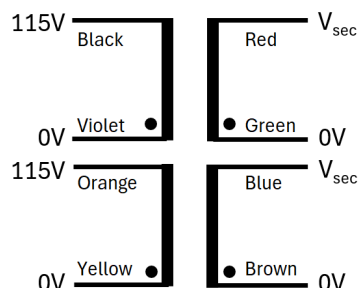


Toroidal Transformer Data Sheet

120VA Open Style, with Leads.
Dual Primaries, Dual Secondaries



High quality open style toroidal transformers with dual 115V/50-60Hz primary windings suitable for Series/Parallel connection to 230V/115V respectively.
Twin secondary windings may be connected in series or parallel, or used independently



Primary 2x115V±10% @ 50-60Hz
Secondary: 2 x Vsec @ 60VA 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
TRT120212UL	19872-P2S02	2 x 12	5.00	2 x 13.4	2 x 0.134	2161054.01
TRT120215UL	19873-P2S02	2 x 15	4.00	2 x 16.8	2 x 0.224	2161054.01

Primary Windings Input Voltage Range : 207V–253V (230V±10%) / 50-60Hz (Series Connected)
Input Voltage Range : 103.5V–126.5V (115V±10%) / 50-60Hz (Parallel Connected)

Losses: Core Losses 0.76 W typ.
Copper Losses 13.9 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 45mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
Approximate Weight 1.30 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 Ø70mm 2 pieces
Dished Steel Washer Ø70mm 1 piece
Bolt M6x60mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece