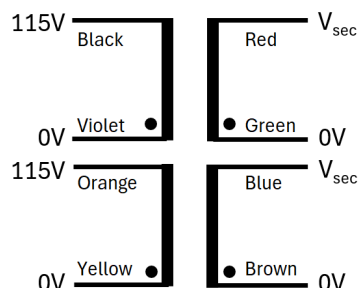


Toroidal Transformer Data Sheet

50VA 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 @ 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
TRT50212UL	19860-P2S02	2 x 12	2.08	2 x 13.6	2 x 0.401	2161054.01
TRT50215UL	19861-P2S02	2 x 15	1.67	2 x 17.1	2 x 0.648	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	0.43 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 (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	