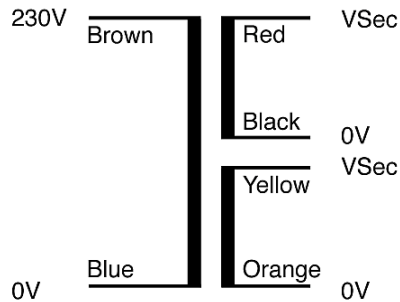




Toroidal Transformer Data Sheet

30VA 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 @ 50-60Hz
Secondary: 2 x Vsec @ 15VA Each
Suitable for Series/Parallel connection



RS Part No.	Nuvotem Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C	DEKRA Certificate
223-7800	RS0030P1-2-006	2 x 6	2.500	2 x 7.17	2 x 0.2551	2161054.01
223-7816	RS0030P1-2-009	2 x 9	1.667	2 x 10.65	2 x 0.5510	2161054.01
223-7822	RS0030P1-2-012	2 x 12	1.250	2 x 14.19	2 x 0.9201	2161054.01
223-7838	RS0030P1-2-015	2 x 15	1.000	2 x 17.74	2 x 1.4488	2161054.01
223-7844	RS0030P1-2-018	2 x 18	0.833	2 x 21.44	2 x 2.2213	2161054.01
223-7850	RS0030P1-2-025	2 x 25	0.600	2 x 29.75	2 x 4.2757	2161054.02

Primary Winding

Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
DC Resistance @ 25°C = Approx 92 Ohms

Losses

Iron Losses 0.25 Watts approx
Copper Losses 6.71 Watts approx.

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

Approved to UL506 & UL5085 : File E215495
Approved to EN61558 : DEKRA Certificates 2161054.01 or 2161054.02 (see table above)
Conforms to EN60065, VDE0550, BS415.

Physical Data

Approximate Dimensions Diameter 70mm*
Height 32mm
Approximate Weight 0.45 Kg
* Measured away from leadout bulge: Allow extra 4mm at leads.

Terminations

Primary Flexible equipment wire UL Style 1569 (105°C), CSA Type TR-64 (90°C)
Double-insulated over entire length with 105°C PVC tubings.
150mm Long, 10mm tinned ends.

Secondary Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 150mm Long, 10mm tinned ends.

Mounting Hardware

Each transformer is supplied with a mounting kit, comprising:
Neoprene Insulating disc 2 pieces
Dished Steel Washer 1 piece
Bolt M6x40mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece