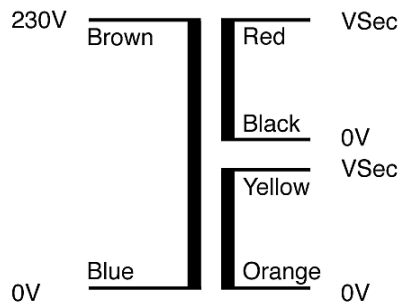




Toroidal Transformer Data Sheet

300VA Encapsulated Style, with Leads.
230V Primary, Dual Secondaries

High quality encapsulated 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 @ 150VA 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 |
|-------------|---------------------|--------------------|---------------------------|------------------|-----------------------------|-------------------|
| 223-8853 | RS0300P1-2-025K | 2 x 25 | 6.000 | 2 x 26.85 | 2 x 0.1677 | 2161054.02 |
| 223-8869 | RS0300P1-2-030K | 2 x 30 | 5.000 | 2 x 32.52 | 2 x 0.2300 | 2161054.02 |
| 223-8881 | RS0300P1-2-035K | 2 x 35 | 4.286 | 2 x 37.88 | 2 x 0.3010 | 2161054.02 |

Primary Winding Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
DC Resistance @ 25°C = Approx 4.7 Ohms

Losses Iron Losses 1.59 Watts approx
Copper Losses 37.5 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 Certificate 2161054.02
Conforms to EN60065, VDE0550, BS415.

Physical Data Encapsulated in Black Cylindrical Case, with 6.1mm centre hole.
Case Diameter 125.6mm
Case Height 65.3mm

Approximate Weight 2.65 Kg

Terminations Primary Solid copper conductors (extension of winding wire),
insulated over their entire length with 105°C PVC tubing.
Double-insulated over entire length with 105°C PVC tubing.
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.