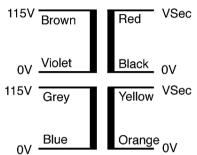




Toroidal Transformer Data Sheet

30VA Open Style, with Leads. Dual 115V Primaries, Dual Secondaries

High quality open style toroidal transformers with dual 115V/50-60Hz primary windings. Twin secondary windings may be connected in series or parallel, or used independently



| 15V @ 50-60Hz Series/Parallel connection |
|--|
| 2 x Vsec @ 15VA Each Series/Parallel connection |



| Nuvotem Part Number | Alternate Reference | Full Load Vsec [V] | Rated Current per Sec [A] | No Load Vsec [V] | DC Resistance [Ohms] @ 25'C | DEKRA Certificate |
|------------------------|------------------------|-----------------------|------------------------------|---------------------|--------------------------------|----------------------|
| 0030P2-2-006 | 91940-P2S2 | 2 x 6 | 2.500 | 2 x 7.17 | 2 x 0.2551 | 2161054.01 |
| 0030P2-2-009 | 91941-P2S2 | 2 x 9 | 1.667 | 2 x 10.65 | 2 x 0.5510 | 2161054.01 |
| 0030P2-2-012 | 91942-P2S2 | 2 x 12 | 1.250 | 2 x 14.19 | 2 x 0.9201 | 2161054.01 |
| 0030P2-2-015 | 91943-P2S2 | 2 x 15 | 1.000 | 2 x 17.74 | 2 x 1.4488 | 2161054.01 |
| 0030P2-2-018 | 91944-P2S2 | 2 x 18 | 0.833 | 2 x 21.44 | 2 x 2.2213 | 2161054.01 |
| 0030P2-2-025 | 91945-P2S2 | 2 x 25 | 0.600 | 2 x 29.75 | 2 x 4.2757 | 2161054.02 |

| Primary Winding | Input Voltage R DC Resistance | Range : Series: 207V–253V (230V±10%) @ 50/60Hz Parallel: 103.5V–126.5V (115V±10%) @ 50/60Hz e @ 25'C = Approx 46 Ohms each | | | | |
|-------------------|--|--|---|---|--|--|
| Losses | Iron Losses 0.25 Watts approx Copper Losses 6.71 Watts approx. | | | | | |
| Temperature Class | Winding Wire (I Insulation betw Connection lea | een input an | | Class H (180'C) Class B (130'C) 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 Approximate Weight | | Diameter Height * Measured awa 0.45 Kg | 70mm* 32mm ay 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 | | | | | |