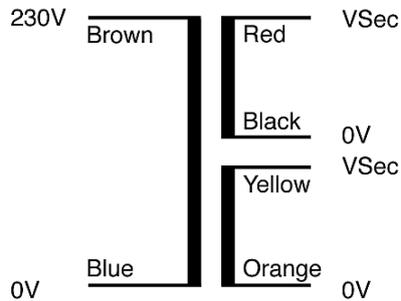


Toroidal Transformer Data Sheet

225VA 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 @ 112.5VA Each
 Suitable for Series/Parallel connection



| Nuvotem Part Number | Full Load Vsec [V] | Rated Current per Sec [A] | No Load Vsec [V] | DC Resistance [Ohms] @ 25°C | DEKRA Certificate |
|---------------------|--------------------|---------------------------|------------------|-----------------------------|-------------------|
| 0225P1-2-012K | 2 x 12 | 9.375 | 2 x 13.14 | 2 x 0.0574 | 2161054.01 |
| 0225P1-2-015K | 2 x 15 | 7.500 | 2 x 16.32 | 2 x 0.0901 | 2161054.01 |
| 0225P1-2-018K | 2 x 18 | 6.250 | 2 x 19.71 | 2 x 0.1245 | 2161054.01 |
| 0225P1-2-025K | 2 x 25 | 4.500 | 2 x 27.42 | 2 x 0.2491 | 2161054.02 |
| 0225P1-2-030K | 2 x 30 | 3.750 | 2 x 32.86 | 2 x 0.3709 | 2161054.02 |

| | | |
|-------------------|---|--|
| Primary Winding | Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 7.3 Ohms | |
| Losses | Iron Losses 1.19 Watts approx Copper Losses 25.0 Watts approx | |
| Temperature Class | Winding Wire (Primary & Secondary) Insulation between input and output Connection lead insulation | 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 and 2161054.02 (see table above) Conforms to EN60065, VDE0550, BS415. | |
| Physical Data | Encapsulated in Black Cylindrical Case, with 6.1mm centre hole. Case Diameter 125.8mm Case Height 52.4mm | |
| | Approximate Weight | 2.10 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. |