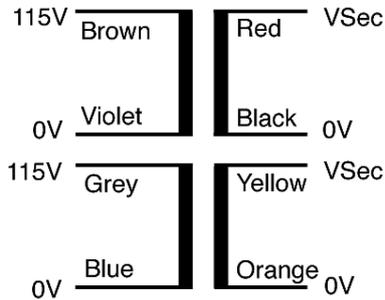


Toroidal Transformer Data Sheet

625VA 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



Primary 2x115V @ 50-60Hz
Suitable for Series/Parallel connection

Secondary: 2 x Vsec @ 312.5VA Each
Suitable for 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 |
|---------------------|---------------------|--------------------|---------------------------|------------------|-----------------------------|-------------------|
| 0625P2-2-040 | 92439-P2S2 | 2 x 40 | 7.813 | 2 x 42.31 | 2 x 0.1418 | 2161054.02 |
| 0625P2-2-045 | 92440-P2S2 | 2 x 45 | 6.944 | 2 x 47.38 | 2 x 0.1792 | 2161054.02 |
| 0625P2-2-050 | 92441-P2S2 | 2 x 50 | 6.250 | 2 x 52.44 | 2 x 0.1998 | 2161054.02 |
| 0625P2-2-055 | 92442-P2S2 | 2 x 55 | 5.682 | 2 x 57.96 | 2 x 0.2509 | 2161054.02 |

| | | |
|-------------------|---|--|
| Primary Winding | Input Voltage Range : | Series: 207V–253V (230V±10%) @ 50/60Hz Parallel: 103.5V–126.5V (115V±10%) @ 50/60Hz |
| | DC Resistance @ 25°C = | Approx 0.85 Ohms each |
| Losses | Iron Losses | 2.95 Watts approx |
| | Copper Losses | 39.0 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 | Approximate Dimensions | Diameter 136mm* Height 68mm |
| | Approximate Weight | 4.30 Kg |
| | | * Measured away from leadout bulge; Allow extra 4mm at leads. |
| 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. |
| Mounting Hardware | Each transformer is supplied with a mounting kit, comprising: | Neoprene Insulating disc 2 pieces Dished Steel Washer 1 piece |