

Open Style, with leads, 2x115V Primary, 300VA

115V Brown

0V Violet

115V Grey

0V Blue

Red Vsec

Black 0V

Yellow Vsec

Orange 0V

Primary

230V @ 50/60Hz
(Series /Parallel connection)

Secondary

2 x Vsec, @ 150VA Each
Suitable for Series/Parallel Connection

| RS Part No. | Nuvotem/Talema Part No. | Full Load Vsec [V] | Rated Current per Sec [A] | No Load Vsec [V] | DC resistance [Ohms] @ 25°C |
|-------------|-------------------------|--------------------|---------------------------|------------------|-----------------------------|
| 257-5203 | 91251-P2S2 | 2 x 25 | 6.000 | 2 x 26.85 | 2 x 0.1677 |
| 257-5225 | 91252-P2S2 | 2 x 30 | 5.000 | 2 x 32.52 | 2 x 0.2300 |
| 257-5231 | 91253-P2S2 | 2 x 35 | 4.286 | 2 x 37.88 | 2 x 0.3010 |
| 257-5247 | 91254-P2S2 | 2 x 55 | 2.727 | 2 x 59.66 | 2 x 0.8141 |

Primary Winding

Input Voltage Range : (Series) 207V - 253V (230V \pm 10%) @ 50/60Hz
 Input Voltage Range : (Parallel) 103.5V - 126.5V (115V \pm 10%) @ 50/60Hz
 DC Resistance @ 25°C = Approx 2.4 Ohms Each
 Magnetising Current @ 230V = Approx 16.5mA
 Magnetising Current @ 253V = Approx 77.0mA

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

Designed and manufactured to conform to the requirements of :
 EN60742 Class II, Non-Short-Circuit Proof
 EN60065 Class II (IEC65)
 EN60950 Class II
 VDE0550 Class II
 VDE0551 Class II
 BS415 Class II
 UL recognised to UL506, under file no. E145880

Physical Data

Approximate Dimensions Diameter 115mm *
 Height 58mm
 * Measured away from leadout bulge, allow extra 4mm at leads.
 Approximate Weight 2.30 Kg

Terminations

Primary : Solid copper conductors (extension of winding wire)
 double insulated over their entire length with UL/CSA tubing
 150mm Long, with 10mm tinned ends.

Secondary Solid copper conductors (extension of winding wire)
 insulated over their entire length with UL/CSA tubing
 150mm Long, with 10mm tinned ends.