

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

115V Brown	Red Vsec	Primary	230V @ 50/60Hz (Series /Parallel connection)
0V Violet	Black 0V	Secondary	2 x Vsec, @ 150VA Each Suitable for Series/Parallel Connection
115V Grey	Yellow Vsec		
0V Blue	Orange 0V		

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±10%) @ 50/60Hz
 Input Voltage Range : (Parallel) 103.5V - 126.5V (115V±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.