

Open Style, with leads, 2x115V Primary, 160VA

115V Brown	Red	Vsec	Primary	2x115V @ 50/60Hz (Series /Parallel connection)
0V Violet	Black	0V	Secondary	2 x Vsec, @ 80VA 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
257-5130	91245-P2S2	2 x 12	6.667	2 x 13.26	2 x 0.0909
257-5146	91246-P2S2	2 x 15	5.333	2 x 16.63	2 x 0.1469
257-5168	91247-P2S2	2 x 18	4.444	2 x 19.79	2 x 0.1974
257-5174	91248-P2S2	2 x 25	3.200	2 x 27.31	2 x 0.3772
257-5180	91249-P2S2	2 x 30	2.667	2 x 32.86	2 x 0.5638
257-5196	91250-P2S2	2 x 55	1.455	2 x 60.17	2 x 1.8566

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 5 Ohms Each
 Magnetising Current @ 230V = Approx 10.4mA
 Magnetising Current @ 253V = Approx 57mA

Losses Iron Losses 0.93 Watts approx
 Copper Losses 18.0 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 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 105mm *
 Height 42mm
 * Measured away from leadout bulge, allow extra 4mm at leads.
 Approximate Weight 1.50 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.