



## 12VA Clamp Mount, 230V Primary, Transformer Specification

Nominal Input Voltage 230v ±10%, 50/60Hz  
No-load Input Current @ 230v 50Hz 40mA (rms) max.

Stock Number	Full Load Output Voltage ±5% @ 12VA	Secondary Resistance Ω ± 15% @ 20°C
804-947	5 + 5	0.27 + 0.31
804-953	6 + 6	0.4 + 0.47
804-969	9 + 9	0.78 + 0.92
804-975	12 + 12	1.36 + 1.8
804-981	15 + 15	2.02 + 2.41
804-997	18 + 18	3.03 + 3.6
805-007	20 + 20	4.34 + 5.09
805-013	24 + 24	5.15 + 6.11

Primary Winding Resistance 200 Ω ± 15% @ 20°C  
Regulation < 15% typical\* for range  
Maximum Winding Temperature Rise 55°C  
Efficiency > 87%  
Iron Loss 1.8W  
Copper Loss 1.65W  
Flash Test } For 6 Seconds  
     Primary/Secondaries 4KV rms  
     Windings/Core 2KV rms  
Insulation Test Primary/Secondaries/Core >50MΩ @ 500Vdc @ 20°C  
Overpotential Test 460V 500Hz applied across primary, secondaries open circuit. (Type Test Only)  
Core Material BS601 GR800-50  
Winding Wire BS6811 Section 3.1 Grade 1  
Bobbin and Full Shrouds Split Section, Glass Filled Nylon  
Overall Insulation Rating Class B (130°C)  
Finish Class F Stoved Varnish  
Dimensions 59mm wide x 50mm high x 50mm deep (nominal) Including tags.  
Fixing Centres 70mm. Slots 4.7mm x 8.7mm  
Weight 0.4kg nominal

\* Calculated as  $Regulation = \frac{(V_{NL} - V_{FL})}{V_{NL}} \times 100\%$

All tolerances and production tests in accordance with BS3535 EN60 742 Appendix 1A