



20VA Clamp Mount, 230V Primary, Transformer Specification

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

Stock Number	Full Load Output Voltage ±5% @ 20VA	Secondary Resistance Ω ± 15% @ 20°C
805-029	5 + 5	0.16 + 0.182
805-035	6 + 6	0.22 + 0.262
805-041	6.3 + 6.3	0.23 + 0.273
805-057	9 + 9	0.53 + 0.62
805-063	12 + 12	0.88 + 1.07
805-079	15 + 15	1.38 + 1.63
805-085	18 + 18	2.07 + 2.4
805-091	20 + 20	2.32 + 2.74
805-108	24 + 24	3.5 + 4.06

Primary Winding Resistance 120 Ω ± 15% @ 20°C
Regulation < 12% typical* for range
Maximum Winding Temperature Rise 55°C
Efficiency > 80%
Iron Loss 2.3W
Copper Loss 2.62W
Flash Test Primary/Secondaries 4KV rms } For 6 Seconds
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 57mm deep (nominal) Including tags.
Fixing Centres 70mm. Slots 4.7mm x 8.7mm
Weight 0.55kg 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