



## 200VA Frame Mount, 230V Primary, Transformer Specification

<u>Nominal Input Voltage</u>	230v $\pm 10\%$ , 50/60Hz
<u>No-load Input Current @ 230v 50Hz</u>	200mA (rms) max.

Stock Number	Full Load Output Voltage $\pm 5\%$ @ 200VA	Secondary Resistance $m\Omega \pm 15\%$ @ 20°C
805-417	6 + 6	13.3 + 15.3
805-423	9 + 9	31.6 + 36.5
805-439	12 + 12	53.0 + 62.0
805-445	15 + 15	78.0 + 91.8
805-451	18 + 18	106 + 123
805-467	20 + 20	119 + 141
805-473	24 + 24	191 + 223
805-489	30 + 30	274 + 326
805-495	50 + 50	705 + 836

Primary Winding Resistance 7.2  $\Omega \pm 15\%$  @ 20°C

Regulation < 7% typical\* for range

Maximum Winding Temperature Rise 55°C

Efficiency > 90%

Iron Loss 6W

Copper Loss 14.2W

<u>Flash Test</u>	Primary/Secondaries 4KV rms	} For 6 Seconds
	Windings/Core 2KV rms	

Insulation Test Primary/Secondaries/Core >50M $\Omega$  @ 500Vdc @ 20°C

Overpotential Test 460V 500Hz applied across primary, secondaries open circuit. (Type Test Only)

Core Material BS601 GR500-50

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 100mm wide x 82mm high x 92mm deep (nominal)  
Including tags.

Fixing Centres 72mm x 70mm. Slots 5.5mm x 8.5mm

Weight 2.8kg nominal

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

*Note* The lamination stack may, or may not have a central slot on the long side. This should not be used for mounting purposes.

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