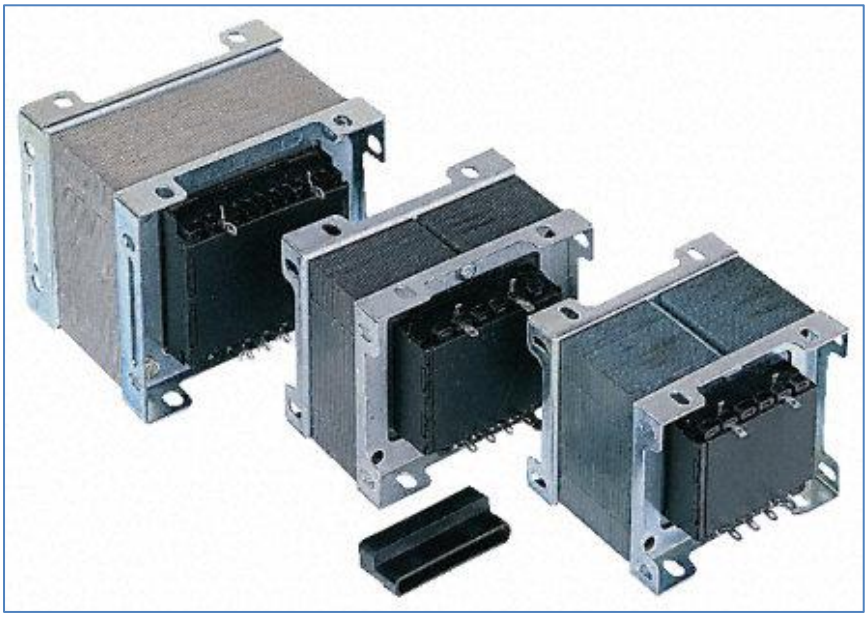
Professionally approved products.

Datasheet

50 VA, 75 VA 2 Output Chassis Mounting Transformer, 6V ac

RS Stock number 504-634



Description:

Chassis Mount Frame 75VA to 200VA
The two independent secondary windings may be connected in series or parallel to give a wide range of output voltage and current options.
Optional terminal shrouds for 75VA and 100VA(503-928)

Laminated Frame 230Vac Primary 75VA to 200VA (Multi Tapped)
Chassis mounting frame construction low voltage mains transformers with a single 230Vac 50/60Hz primary winding.
Double section bobbin construction
Fully shrouded bobbins
Full varnish impregnation
Multi-hole frame fixing
Solder tag terminations
100% electrical and flash tested
Tested in accordance with BS3535 and EN 60 742

EN

Professionally approved products.

Datasheet

75VA Frame Mount, 230v Primary, Transformer Specification

Nominal Input Voltage:	230v +/-10%, 50/60Hz
No-load Input Current @ 230V 50Hz:	120mA (rms) max.

Stock Number	Full Load Output Voltage +/-5% @ 75VA	Secondary Resistance Ω +/- 15% @ 20 degree C
504-634	6 + 6	0.044 + 0.051
504-644	9 + 9	0.09 + 0.104
504-044	12 + 12	0.154 + 0.181
504-054	15 + 15	0.24 + 0.275
504-050	18 + 18	0.36 + 0.42
504-060	24 + 24	0.605 + 0.703
504-066	50 + 50	2.56 + 3.00

Primary Winding Resistance:		22 Ω +/- 15% @ 20 degree C
Regulation:		< 10% typical* for range
Maximum Winding Temperature Rise:		55 degree C
Efficiency:		> 86%
Iron Loss:		5.5W
Copper Loss:		6.0W
Flash Test:	Primary/Secondary's	4KV rms For 6 Seconds
	Windings/Core	2KV rms For 6 Seconds
Insulation Test:	Primary/Secondary's/Core	>50MΩ @ 500Vdc @ 20degree C
Over potential Test:		460V 500Hz applied across primary, secondary's open circuit. (Type Test Only)
Core Material:		800-50
Winding Wire:		BS6811 Section 3.1 Grade 1
Bobbin and Full Shrouds:		Split Section, Glass Filled Nylon
Overall Insulation Rating:		Class B (130 degree C)
Finish:		Class F Stoved Varnish
Dimensions:		79mm wide x 65mm high x 75mm deep (nominal) Including tags
Fixing Centres:		54mm x 54mm. Slots 4.7mm x 79mm
Weight:		1.5Kg 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 EN61558 (EN60742)