

Euro3VA PCB Mount, 230v Primary, Short Circuit Proof Transformer Specification

Nominal Input Voltage 230v +/-10%, 50/60Hz

No-load Input Current @ 230V 50Hz 25mA (rms) max.

Stock Number	Manufacturer Part Number	Full Load Output Voltage +/-5% @ 3VA	Secondary Resistance Ω +/- 15% @ 20.C
504458	ST53393	6 + 6	4.2 + 5.0
504408	ST53384	9 + 9	9.0 + 10.0
504410	ST53385	12 + 12	19 + 23
504404	ST53383	15 + 15	27 + 33

Primary Winding Resistance 1350 Ω +/- 15% @ 20.C

Regulation < 24% typical* for range

Maximum Winding Temperature Rise 55.C

Efficiency >63%

Iron Loss 0.6W

Copper Loss 1.2W

Flash Test Primary/Secondary's 4.8KV rms For 6 Seconds

Windings/Core 2.4KV rms For 6 Seconds

Insulation Test Primary/Secondary's/Core >50M Ω @ 500Vdc @ 20.C

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

Core Material 600/50

Winding Wire BS6811 Section 3.1 Grade 1

Bobbin and Full Shrouds Split Section, Glass Filled Nylon UL94-V0

Thermal Fuse 130.C One Shot thermal fuse in primary

To provide overload and short circuit protection

Class B (130.C)

Overall Insulation Rating

Class F Stoved Varnish

Finish

Dimensions

39mm wide x 30mm high x 35mm deep (nominal)

Pins

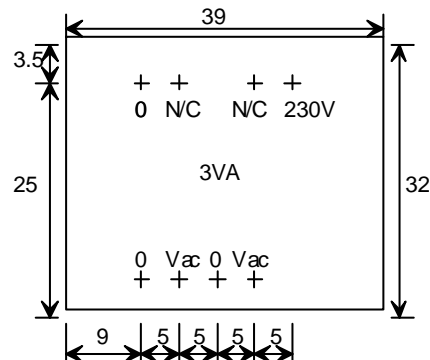
0.635mm square 5mm long

Weight

0.14Kg nominal

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

All tolerances and production tests in accordance with EN61558 (EN60742)



PIN LAYOUT