

# Eclipse Ignition Transformer

- Safer, more durable insulation
- Excellent mechanical properties
- Superior electronics
- High temperature rating
- Effective heat dissipation
- Compact design
- Light weight
- Durable sealed construction suitable for outdoors when used with cable assembly
- Reliable operation
- 100% final tested



*Ignition Transformer with Bracket Kit and Ignition Cable (See page 2, Accessories)*

| Parameter                                 | 22967                                         | 10002303                | 10002304                | 10005352  | 10012234  |
|-------------------------------------------|-----------------------------------------------|-------------------------|-------------------------|-----------|-----------|
| Primary Supply Voltage, VAC               | 120                                           | 120                     | 120                     | 220 - 240 | 110 - 120 |
| Frequency, Hz                             | 60                                            | 60                      | 60                      | 50 - 60   | 50 - 60   |
| Primary Current, A                        | 1.6                                           | 3.5                     | 1.5                     | 0.4       | 1.5       |
| Power, VA                                 | 192                                           | 420                     | 180                     | 92        | 165       |
| Secondary Voltage RMS [ $\pm 10\%$ ], VAC | 7000                                          | 2 x 5000                | 6000                    | 6000      | 6000      |
| Secondary Current RMS [ $\pm 10\%$ ], mA  | 23                                            | 35                      | 23                      | 10        | 23        |
| Secondary Ground Termination              | End Pole                                      | Center Tap              | End Pole                | End Pole  | End Pole  |
| Service Duty, % on time / 4 minutes       | 25%                                           | 25%                     | 100%                    | 100%      | 100%      |
| Approvals                                 | CE, UL (USA and Canada)                       | CE, UL (USA and Canada) | CE, UL (USA and Canada) | CE        | CE        |
| Weight, kg (lbs)                          | 1.9 (4.2)                                     | 2.8 (6.2)               | 2.8 (6.2)               | 1.9 (4.2) | 2.8 (6.2) |
| Surface Material                          | Araldite Epoxy Resin                          |                         |                         |           |           |
| Ambient Temperature                       | 90°C (194°F) Maximum<br>-40°C (-40°F) Minimum |                         |                         |           |           |

CE Standards: EN 61558/2/3, VDE 0550, SEV BA9, 73/23/EEC Low Voltage Directive, and meets 89/336/EEC Electromagnetic compatibility, emission standards EN 50081-1 and EN 55014-1/A2 when used with suppression wire and filter PN 10005353. Underwriters Laboratories listed as a recognized component, cURus, for the Canadian and US markets.

Technical drawing of the 10002303 terminal block, showing front and side views with dimensions in mm and inches.

**Front View Dimensions:**

- Terminal spacing: 600 (23.6)
- Terminal width: 27 (1.06)
- Terminal height: 25 (.98)
- Overall height: 21 (.83)
- Mounting hole diameter: Ø5.5 (.21)
- Mounting hole spacing: 98 (3.86)
- Mounting hole diameter: Ø4.5 (.17)
- Overall width: 145 (5.7)

**Side View Dimensions:**

- Terminal height: 15 (.59)
- Overall height: A
- Overall width: B
- Overall depth: C
- Mounting hole diameter: Ø8 (.31)
- Mounting hole spacing: 70 (2.75)

**Notes:**

- Terminal Present Only For 10002303

## Wiring

