

QUICKTEST QT1

Constructed from tough impact resistant, flame retardant plastics. The lid incorporates a fuse and switching device. When the lid is open, the cable clips are isolated from the supply. When the lid is closed the power is connected to the cable clips. A glowing neon lamp – visible with lid open or closed – indicates when power is connected to the device.

CONNECTION:

1. Remove the base plate by undoing the four screws to expose the 3 wiring points which are clearly identified by the adjacent texts.
2. Prepare a 3 core cable to suit your application. Strip outer sheath by 30mm & inner core by 6mm.
 - For 13A use 3 x 1.25mm² cable.
 - For 10A use 3 x 1.0mm² cable.
 - For up to 6A use 3 x 0.75mm² cable.

The Quicktest is supplied with a fitted 13A fuse. If you decide to use 10A or 6A cable – change the fuse to the appropriate type. Use BS1362 (ceramic type) fuses.

3. Connect power-in cable as follows (ensure cable is NOT connected to supply before proceeding).

- (a) Connect – Green/Yellow to earth terminal marked \equiv (earth).
- (b) Connect – Brown or Red wire to live terminal marked + (plus).
- (c) Connect – Blue or Black wire to neutral terminal marked – (minus).

Ensure all terminal screws are tight.

(d) Push power-in cable into the cable anchor fins – most cables need considerable force to go between the fins. Do not use any cable which is a very loose fit.

(e) Replace the base plate by re-fitting the four screws. Tighten all screws securing the base plate.

(f) Connect power-in cable to power supply. If fitting a BS1363A type 3 pin plug – follow instructions 3 (a), (b) & (c) if instructions are not provided.

The Quicktest can be secured to a wall or bench by using two No.6 or 3.5mm wood screws through the 2 holes in the body.

OPERATION:

(a) Lift the lid to expose the 3 colour coded cable connecting clips. These are also marked L, \equiv , N to indicate L = Live (Brown), \equiv = Earth (Green), N = Neutral (Blue).

(b) Insert test leads by pressing back of clips to open access to the front of the clip.

Insert Green/Yellow wire to Earth (\equiv) centre clip.

Insert Brown or Red wire to Brown (L) clip on right.

Insert Blue or Black wire to Blue (N) clip on left.

Check to ensure that no loose strands of wire are protruding from the clips.

(c) Close the lid to supply power to the appliance under test.

NOTE: It is not desirable to connect more than 1 wire to each clip. Always open the lid before removing or connecting wires to the clips. Failure of the power-in supply will be indicated by no glow from the neon lamp. If the lamp is glowing – and power fails to connect – then the fitted fuse in the lid must be checked.

WARNING: Always connect the earth connection for safety. This device is intended for use by suitably qualified personnel when making connection to the mains supply for test purposes only. It is not to be used for permanent or semi-permanent connections. All connections must be insulated or otherwise suitably isolated to remove possibility of personal contact with live parts. Lifting the lid disconnects the supply to cable clips. Closing the lid connects power to cable clips.

This device is fitted with 13A* fuses but must not be used continuously. Continuous use at high currents will cause the device to overheat and may cause permanent damage.

***Duty cycle (per 10 minutes)**

13 amps – 25%

10 amps – 40%

7 amps – 80%

5 amps – 100%

MAINTENANCE: When used in a production system involving frequent use, we recommend lubricating the switch contacts with a light grease.

SPECIFICATION: Size – 130mm x 60mm x 50mm high / Weight – 245g.

Maximum Rating – 13A 250V AC / 5A 24V DC.