

M503ME STAND ALONE MICRO MONITOR MODULE

FEATURES:

- *Interface with sprinkler switches, manual callpoints, 4 wire conventional detectors*
- *Small size permits easy mounting inside electrical boxes and product enclosures*
- *Provides alternative mounting arrangements*
- *LED indicator output drive*
- *Retains easy address setting codewheels*
- *Approved by LPCB and VdS*

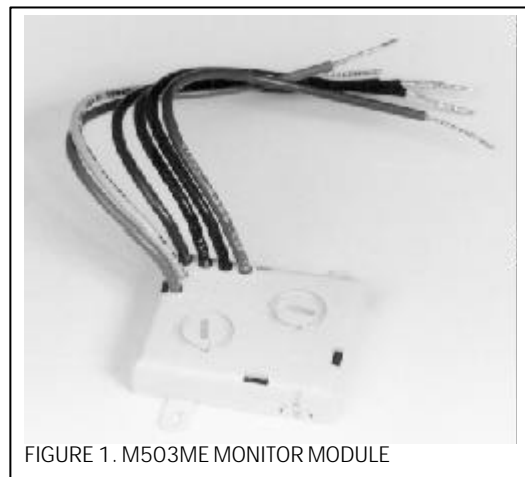


FIGURE 1. M503ME MONITOR MODULE

DESCRIPTION:

The M503ME stand alone micro module provides a two wire initiating circuit for normally open contact fire alarm and supervisory devices. A circuit may be monitored for open-circuit and short-circuit faults. An LED indicator output drive is provided to allow visual monitoring of the module's operating condition.

The M503ME is small enough to fit inside a single gang junction box behind the device being monitored. Its size and light weight allows it to be installed without the need to be rigidly mounted. However, it is recommended that the screw fixing positions be used if possible, particularly in larger enclosures or where the installation is expected to be subject to vibration or movement.

SPECIFICATIONS:

Size: 48mm (l) x 40mm (w) x 13mm (h) (excluding screw fixings cables)
 Weight: 33g
 Operating Temp. Range: -10°C to 60°C

NOTE: Do not install in locations where the normal ambient temperature range extends beyond 0°C to 50°C

Operating Humidity Range: 10% to 93% Relative Humidity, Non-condensing
 Max Standby Current: 300µA @ 24 VDC (no communication - including normal supervisory current)
 Max Standby Current: 375µA @ 24 VDC (communication every 5 secs)
 Alarm Current (LED on): 5.1mA @ 24 VDC
 Com. Line Supply Range: 15 to 32 VDC
 Supervisory Loop Current: 100µA (norm)
 Supervisory Loop Current: 150µA (short)
 Initiating Circuit Wiring: 20Ω
 Maximum Resistance

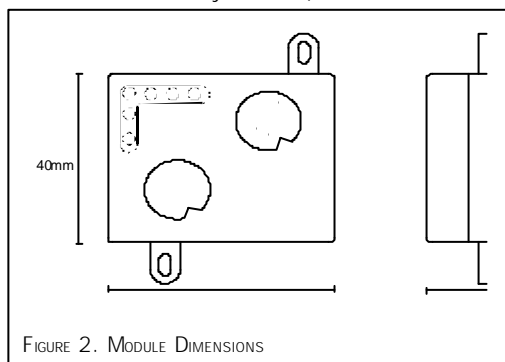


FIGURE 2. MODULE DIMENSIONS

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