

Stand Alone Micro Monitor Module M501

Overview

- 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



Description

The M501 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 M501 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) 33g
Weight:	-10°C to 60°C
Operating Temp. Range:	Do not install in locations where the normal ambient temperature range extends beyond 0°C to 50°C
NOTE:	
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:	Maximum Resistance 20Ω

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