M500CHE CONTROL MODULE

FEATURES:

- *Control of sounders, strobes and bells*
- *Monitoring of wiring for short circuit and open circuit faults*
- *User configurable voltage free contact mode*
- *Mounts in standard square junction box or SMB500*
- *Analogue-addressable communications*
- *Low standby current*
- *Latching output drive circuit controlled by the panel command*
- *Stable communication technique with high noise immunity*
- *Visible LED controlled by panel to be off, blinking or latched on*
- *LPCB and VdS approved*

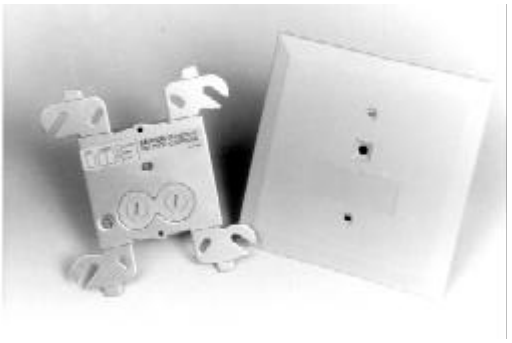

FIGURE 1. CONTROL MODULE

DESCRIPTION:

M500CHE Control Modules provide supervised monitoring of wiring to load devices that require an external power supply to operate, such as horns, strobes, bells etc. Upon code command from the panel, the M500CHE will disconnect the supervision and connect the external power supply in the proper polarity across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay actually switched on. The external power supply is always relay isolated from the communciation loop so that a trouble condition on the external power supply will never interfere with the rest of the system. A break-off tab is provided to allow selection of a voltage free relay contact mode.

SPECIFICATIONS:

Operating Voltage Range:	15 to 32VDC
Standby Current:	300µA (includes 100µA normal supervision current)
LED Current:	5mA current for visible LEDs latched on
Relay Contact Rating:	
Resistive:	2A @ 30VDC
Inductive:	300mA @ 110VDC
	300mA @ 120VAC
	1A @ 30VDC
Operating Humidity Range:	10% to 93% Relative Humidity, non-condensing
Operating Temperature Range:	–10°C to + 60°C
Height:	110mm
Width:	100mm
Diameter:	33mm
Weight:	150gm

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