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Fire Sprinkler Pump Watchdog

Essential fire safety system test & maintenance

The Martech Sprinkler Pump Watchdog has been developed to meet the latest requirements for sprinkler system integrity and maintenance, and draws on a wealth of experience in fire sprinkler installation. Incorporating micro-processor control, the watchdog performs the following key functions:

- **Automatic periodic pump test**
- **Check for pump failure**
- **Routine maintenance reminder**
- **Auto-dialler connection**

During normal operation the watchdog automatically runs the pump periodically (typically every week) and measures key parameters to check the pump's performance and health helping to ensure the fire sprinkler system is fully operational when it matters.

Four LED indicators on the Watchdog front panel illuminate to show that mains power is applied to the unit; when the pump is running; if a fault has been detected; and when routine maintenance of the pump is due. In addition, a beeper sounds during the automatic pump test (max 10 seconds) to alert to a fault condition or that a service is required.

A single push button on the front panel allows the pump to be manually tested at any time, and also allows the internal timer to be reset to perform the automatic periodic test on that day and time, every week thereafter.

Designed and manufactured in the UK, the Sprinkler Pump Watchdog complies with all safety requirements, and gives you the peace of mind that your fire safety system is in full working order.

Regular Testing • Monitoring • Programmable • Automatic • Auto-dialler Alert • Routine



Technical specification

Dimensions	Width	160mm
	Height	90mm
	Depth	50mm
Construction	Fire resistant ABS to UL 94V, IP65 rated	
Safety	CE compliant	
Power	230Vac, 10Amps maximum pump current (Watchdog standby <5Watts)	
	Internal battery backup for clock/timer – standard AAA cell <i>Requires installation by a qualified electrician</i>	
Controls & indicators	4 front panel LED indicators for: Pump; on when power is applied to pump (pump should be running) Fault; on if a fault is detected such as pump not running Service; on when the next pump service is due Power; on when main power is applied to the unit	
	Beeper - sounds to alert when a fault condition is detected, a service is required or for low battery Test button – press once to manually test the pump. Press and hold to reset the timer and for other functions - refer to operation manual for full instructions.	
Operation	The standard operating mode cycles the pump for 10 seconds every week and measures key electrical parameters to determine the health of the pump including checking for excess current (e.g. the pump is seized or developing a fault) and for low/no current (e.g. the wiring is open circuit, a fuse has blown and pump is not running).	
	Battery backed internal clock timer ensures that time and day selected for automatic pump testing is maintained in the event of a power failure	
Other features	Volt-free contact for connection to auto-dialler; contact closes when a fault is detected or service is required to automatically contact service agent (optional).	

All dimensions are approximate



Specification subject to change without notice.
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