Product data sheet

DM3000

2000 Series Compatible Intelligent Addressable Manual Call Point - Red

General

The DM3000 Series is an intelligent 2000 Series range of addressable manual call points. The DM3000 is a red, single action indoor MCP with a House-on-Fire functional indicator. It is delivered complete with resettable element, test connector and test key. Multiple optional accessories are available to facilitate most indoor installation requirements.

Aesthetics

This single action MCP is a standard profile, indoor MCP suitable for surface and recess mount installations using standard or legacy European electrical boxes. With its designer dual, tricolour LEDs it offers 180°, clear local indication of its operational status, even from a side view in a passage installation. The clean face of the MCP is further enhanced by a front access & test key facility that allows access to the back box and cabling, making additional fasting screw holes obsolete.

Configuration Friendly

Electronic configuration and addressing is possible wirelessly (powered or unpowered)

Installation & Maintenance Friendly

The front facing access for an aesthetically matching, red MCP test key allows unhindered access regardless of the installation location. The MCP key doubles as a test and disassembly tool allowing removal of the MCP front cover and access to the back box and cables without the need for additional tools.

Compatibility

The DM3000 series supports new and legacy Aritech 2000 systems. They can be deployed seamlessly into existing legacy systems without CIE configuration changes.

Details

- Reliable single action manual call point for surface and flush mounting
- Dual, tri-colour status indicators offers 180° alarm visibility
- Tamper resistant design with resettable or frangible element
- Unobtrusive front facing test facility
- Standard mounting options facilitates easy retrofitting to existing installations
- Back box with rear, top and bottom cable entry
- Screen connection terminal for electrically noisy installations
- Pluggable connector with link through facility for ease of installation and pre-commissioning testing
- An alarm flag on the face of the manual call point allows alarm indication even without alarm LEDs
- Fast, no-tools-required maintenance using the test key
- Local system intelligence for full configuration flexibility
- Electronic addressing for 128 addresses
- Unpowered wireless setup, configuration and reporting
- Wireless commissioning and diagnostics reporting
- Local event, manufacturing and service logs

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Technical specifications

General

Indicación de estado	Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)
Compatibilidad	Aritech 2000 systems
Registro de eventos	32 Events
Conectividad	Loop protocol & RFID
Addressing method	Electronic

Eléctrico

Tipo de fuente de alimentación	Loop powered
Voltaje de funcionamiento	16 to 42 VDC
Consumo de corriente	200 µA (Quiescent) 2.9 mA (Alarm)

Detección

Principio de detección	Push button/switch
Monitoring	Device type, Presence

Físico

Dimensiones físicas	87 × 87 × 26 mm (w/o back box) 87 × 87× 57 mm (w/ back box)
Peso neto	110 g (w/o back box) 170 g (w/ back box)
Color	Rojo (RAL 3028)
Tipo de Montaje	Caja trasera, Montaje empotrado, Montaje en pared
Entradas de cable	4
Especificaciones del cable	0.404 to 2.05 mm
No. de nucleos de cable	2
Terminales	4 (A+/A-;B+/B-)
Marcado funcional	House on Fire

Medioambiental

Antivandálico	No
Temperatura de funcionamiento	−25 to +72°C
Temperatura de almacenamiento	−25 to +72°C
Humedad relativa	10 to 95% noncondensing
Entorno	Interior
Clasificación IP	IP41

Estándares y regulaciones

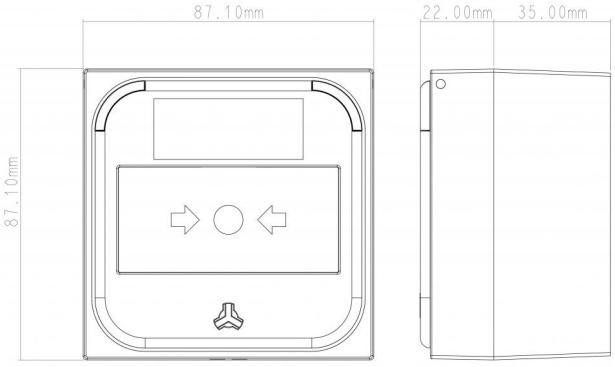
Cumplimiento	CE, REACH, RoHS 2, WEEE
Certificación	EN54-11
Normativas	CPR Certified

Standards & Regulation

Voluntary marks	A+

Physical

Back box cable knockouts	1 × Ø 20 mm (Back)
	1 × Ø 25 mm (Top or bottom)
	2 × Ø 20 mm (Bottom or top)



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