

DM3110G

3000 Series intelligent addressable manual call point w/ isolator

General

The DM3100 Series is an intelligent range of addressable manual call points with integrated isolation. The DM3110G is a green, single action indoor MCP with a Running-Man 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 flush 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 fastening screw holes obsolete.

Installation & Maintenance Friendly

The front facing access for an aesthetically matching 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 without the need for additional tools.

Compatibility

The DM3000 range may be used on compatible Aritech fire systems. They can in many cases be deployed into existing systems without CIE configuration changes.



Details

- Reliable single action manual call point for recess or surface mounting
- Integrated short circuit isolation for added safety
- 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 in the back box 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
- Up to 128 devices supported per loop

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Especificaciones técnicas

General

| | |
|----------------------------|--|
| Indicación de estado | Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking) |
| Interfaz usuario | LEDs, alarm flag |
| Compatibilidad | Aritech fire systems |
| Conectividad | 2-wire loop |
| Método de direccionamiento | Interruptores DIP |

Eléctrico

| | |
|--------------------------------|--|
| Tipo de fuente de alimentación | Alimentado por bucle |
| Voltaje de funcionamiento | 17 to 38 VDC |
| Consumo de corriente | 200 μ A (Quiescent) 2.8 mA (Alarm) |
| Especificaciones del cable | 0.404 to 2.05 mm (0.13 to 3.31 mm ²) |
| No. de núcleos de cable | 2 |
| Terminales | 4 (A+/A-;B+/B-) |

Detección

| | |
|------------------------|--------------------------------------|
| Principio de detección | Push button/switch |
| Supervisión | Activated, Fault, Off, Short circuit |
| Tiempo de respuesta | < 3 s |
| Altura de instalación | Determined by local regulation |

Aislamiento

| | |
|--------------------------|--------------------------------|
| Tipo | Salto de línea negativo |
| Cantidad por bucle | \leq 128 |
| Voltaje de aislamiento | 14 to 15.5 VDC |
| Voltaje de reconexión | 14 to 15.5 VDC |
| Corriente de lazo | 1 A (Continuous) |
| Corriente de conmutación | 1 A (Pulsed) |
| Corriente de Fuga | < 1 mA |
| Resistencia en serie | < 0.06 Ω |
| Requisitos de impedancia | < 32 devices between isolators |

Físico

| | |
|---------------------|--|
| Dimensiones físicas | 87 x 87 x 26 mm (w/o back box) 87 x 87 x 57 mm (w/ back box) |
| Peso neto | 110 g (w/o back box) 165 g (w/ back box) |
| Color | Verde (RAL 6024) |
| Tipo de Montaje | Caja trasera, Montaje empotrado, Montaje en pared |
| Entradas de cable | 1 x threaded MK20 (Top or bottom), 2 x threaded MK20 (Bottom or top) |
| Material (caja) | ABS ignífugo |
| Marcado funcional | Running Man |

Medioambiental

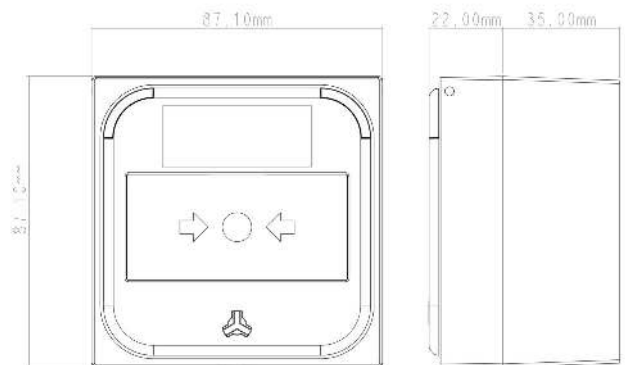
| | |
|-------------------------------|-------------------------|
| Antivandálico | No |
| Temperatura de funcionamiento | -25 to +72°C |
| Temperatura de almacenamiento | -25 to +72°C |
| Humedad relativa | 10 to 95% noncondensing |
| Entorno | Interior |
| Clasificación IP | IP41 |

Regulador

| | |
|---------------|-------------------------|
| Cumplimiento | CE, REACH, RoHS 3, WEEE |
| Certificación | CE |
| Normativas | EN54:17 |

Productos compatibles

| Categoría | Referencia | Descripción |
|--------------------------|------------|--|
| Dispositivo de detección | N-MC-AFM-G | Intelligent MCP accessory - flush mount adaptor - green |
| Dispositivo de detección | N-MC-BB-G | Accesorio pulsador, caja trasera de pulsador manual inteligente, verde |
| Dispositivo de detección | N-MC-FC | Accesorio de pulsador - Tapa abatible para pulsador inteligente |
| Dispositivo de detección | N-MC-FE | Accesorio Pulsador, elemento de cristal rompible |
| Dispositivo de detección | N-MC-S-G | Intelligent MCP accessory - trim skirt - green |



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