

DM3110G-IP

3000 Series intelligent addressable manual call point w/ isolator - weatherproof

General

The DM3100 Series is an intelligent range of addressable manual call points with integrated isolation. The DM3110G-IP is a green, single action outdoor 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 outdoor installation requirements.

Aesthetics

This weatherproof single action MCP is a standard profile, outdoor MCP suitable for surface mount installations using the back box supplied with the product. With its designer dual, tricolour LEDs it offers 180°, clear local indication of its operational status, even from a side view. The clean face of the MCP is further enhanced by a front access & test key facility that allows access to the activation element that can be either frangible or resettable.

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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Technical specifications

Generale

Indicazione stato	Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)
User interface	LEDs, alarm flag
Compatibilità	Aritech fire systems
Connettività	2-wire loop
Addressing method	DIP Switches

Elettrico

Tipo di alimentatore	Loop powered
Tensione di esercizio	17 to 38 VDC
Consumo attuale	200 μ A (Quiescent) 2.8 mA (Alarm)
Specifiche cavo	0.404 to 2.05 mm (0.13 to 3.31 mm ²)
Numero di nucleo cavi	2
Terminali	4 (A+/A-;B+/B-)

Campo di rilevamento

Principio di rilevamento	Push button/switch
Monitoring	Activated, Fault, Off, Short circuit
Response time	< 3 s
Installation height	Determined by local regulation

Isolamento

Tipo	Negative line break
Quantity per loop	≤ 128
Tensione di isolamento	14 to 15.5 VDC
Voltaggio di riconnessione	14 to 15.5 VDC
Loop corrente	1 A (Continuous)
Switch corrente	1 A (Pulsed)
Corrente di dispersione	< 1 mA
Resistenza serie	< 0.06 Ω
Impedance requirements	< 32 devices between isolators

Fisico

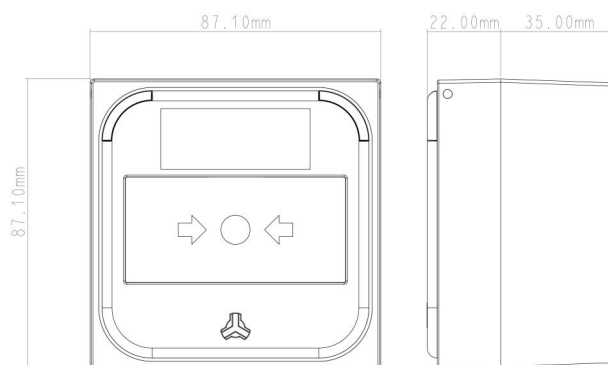
Dimensioni fisiche	108 x 108 x 69 mm
Peso netto	267 g
Colore	Green (RAL 6024)
Tipo di montaggio	Montaggio a parete
Cavo di entrata	1 x threaded MK20 (Top or bottom), 2 x threaded MK20 (Bottom or top)
Materiale	Flame retardent ABS
Marchatura funzionale	Running Man

Ambientale

A prova di vandalo	No
Temperatura operativa	-25 to +72°C
Temperatura di immagazzinamento	-25 to +72°C
Umidità relativa	10 to 95% noncondensing
Environment	Interno / Esterno
IP rating	IP67

Regulatory

Conformità	CE, REACH, RoHS 3, WEEE
Certification	CE
Standards	EN54:17



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