



# DM3110W

## 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 DM3110W is a white, single action indoor MCP without a 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

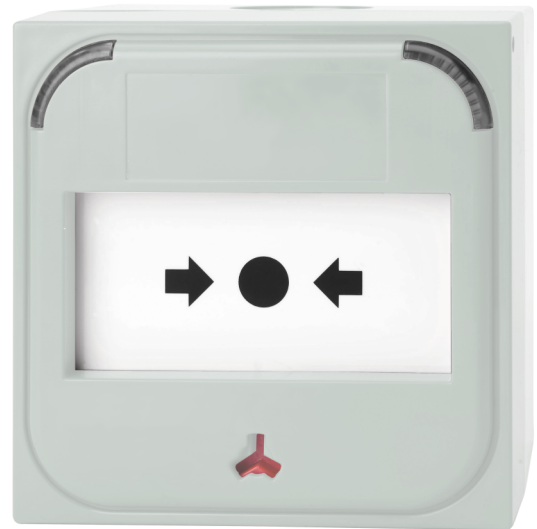
---

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

# DM3110W

## 3000 Series intelligent addressable manual call point w/ isolator

### Technical specifications

#### General

Status indication	Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)
User interface	LEDs, alarm flag
Compatibility	Aritech fire systems
Connectivity	2-wire loop
Addressing method	DIP Switches

#### Electrical

Power supply type	Loop powered
Operating voltage	17 to 38 VDC
Current consumption	200 $\mu$ A (Quiescent) 2.8 mA (Alarm)
Cable specification	0.404 to 2.05 mm (0.13 to 3.31 mm <sup>2</sup> )
No. of cable cores	2
Terminals	4 (A+/A-;B+/B-)

#### Detection

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

#### Isolation

Type	Negative line break
Quantity per loop	$\leq$ 128
Isolation voltage	14 to 15.5 VDC
Reconnect voltage	14 to 15.5 VDC
Loop current	1 A (Continuous)
Switch current	1 A (Pulsed)
Leakage current	< 1 mA
Series resistance	< 0.06 $\Omega$
Impedance requirements	< 32 devices between isolators

#### Physical

Physical dimensions	87 $\times$ 87 $\times$ 26 mm (w/o back box) 87 $\times$ 87 $\times$ 57 mm (w/ back box)
Net weight	110 g (w/o back box) 165 g (w/ back box)
Colour	White (RAL 9003)
Mounting type	Back box, Wall mount
Material (body)	Flame retardent ABS
Functional marking	None

#### Environmental

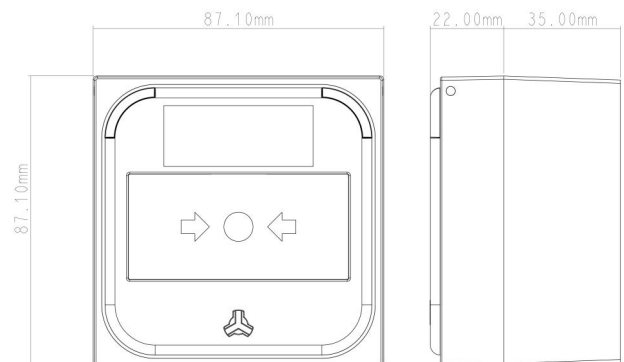
Vandal proof	No
Operating temperature	-25 to +72°C
Storage temperature	-25 to +72°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP41

#### Regulatory

Compliance	CE, REACH, RoHS 3, WEEE
Certification	CE

#### Standards & Regulation

Voluntary marks	A+
-----------------	----



As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit [firesecurityproducts.com](http://firesecurityproducts.com) online or contact your sales representative.

Last updated on 7 November 2022 - 9:16