#### **Product data sheet**



## DM3000G

#### 2000 Series Intelligent Addressable Manual Call Point - Green

#### General

The DM3000 Series is an intelligent 2000 Series range of addressable manual call points. The DM3000 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 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

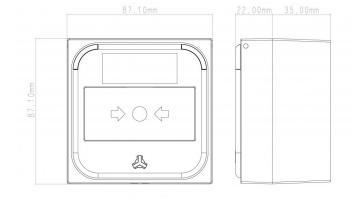
- Reliable single action manual call point for surface mounting
- $\bullet\,$  Dual, tri-colour status indicators offers 180° alarm visibility
- Tamper resistant design with resetable or frangible element
- Unobtrusive front facing test facility
- Standard mounting options facilitates easy retrofitting 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 commission and diagnostics reporting
- · Local event, manufacturing and service logs

# DM3000G

### 2000 Series Intelligent Addressable Manual Call Point - Green

#### **Technical specifications**

Status indication  Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)  User interface  LEDs  Compatibility Aritech 2000 systems  Event log 32 Events  Connectivity Loop protocol & RFID  Addressing method  Electrical  Power supply type Loop powered Operating voltage 16 to 42 VDC  Current consumption 200 µA (Quiescent) 2.9 mA (Alarm)  Detection  Detection principle Push button/switch Monitoring Device type, Presence  Physical  Physical dimensions 87 × 87 × 26 mm (w/o back box) 87 × 87 × 57 mm (w/ back box) 170 g (w/ back box) 170 g (w/ back box)  Colour Green (RAL 6024) Mounting type Back box, Recessed mount, Wall mount  Cable entries 4 Cable specification 0.404 to 2.05 mm No. of cable cores 2 Terminals 4 (A+/A-;B+/B-) Functional marking Running Man Back box cable 1 × Ø 20 mm (Back)  Nookouts  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  Environmental  Vandal proof No Operating temperature -25 to +72°C  Storage temperature -25 to +72°C  Storage temperature -25 to +72°C  Storage temperature Indoor Prating IP41  Standards & regulation  Compliancy CE, REACH, RoHS 2, WEEE	General	
Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)  User interface LEDs Compatibility Aritech 2000 systems  Event log 32 Events Connectivity Loop protocol & RFID  Addressing method Electronic  Electrical  Power supply type Operating voltage 16 to 42 VDC Current consumption 200 μA (Quiescent) 2.9 mA (Alarm)  Detection  Detection principle Push button/switch Monitoring Device type, Presence  Physical  Physical dimensions 87 × 87 × 26 mm (w/o back box) 87 × 87 × 57 mm (w/ back box) 170 g (w/ back box) Each of Cable entries 4 Cable specification 0.404 to 2.05 mm No. of cable cores 2 Terminals 4 (A+/A-;B+/B-) Functional marking Running Man Back box cable 1 × Ø 20 mm (Back) knockouts  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  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  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE	Status indication	Dual LEDs
Fault (Yellow Blinking) Communication (Green Blinking)  User interface  LEDS  Compatibility Aritech 2000 systems  Event log 32 Events  Connectivity Loop protocol & RFID  Addressing method Electronic  Electrical  Power supply type Loop powered Operating voltage 16 to 42 VDC  Current consumption 200 µA (Quiescent) 2.9 mA (Alarm)  Detection  Detection principle Push button/switch  Monitoring Device type, Presence  Physical  Physical dimensions 87 × 87 × 26 mm (w/o back box) 87 × 87 × 57 mm (w/ back box) 87 × 87 × 57 mm (w/ back box) 110 g (w/o back box) 170 g (w/o back box)  Colour Green (RAL 6024)  Mounting type Back box, Recessed mount, Wall mount  Cable entries 4 Cable specification 0.404 to 2.05 mm No. of cable cores 2 Terminals 4 (A+/A-;B+/B-)  Functional marking Back box cable 1 × Ø 20 mm (Back)  knockouts 1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  Environmental  Vandal proof No Operating temperature -25 to +72°C Storage temperature -25 to +72°C Storage temperature Indoor IP rating IP41  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE		Alarm (Red Constant)
Communication (Green Blinking)  User interface LEDs  Compatibility Aritech 2000 systems  Event log 32 Events  Connectivity Loop protocol & RFID  Addressing method Electronic  Electrical  Power supply type Loop powered  Operating voltage 16 to 42 VDC  Current consumption 200 μA (Quiescent) 2.9 mA (Alarm)  Detection  Detection principle Push button/switch  Monitoring Device type, Presence  Physical  Physical dimensions 87 × 87 × 26 mm (w/o back box) 87 × 87 × 57 mm (w/ back box) 170 g (w/ back box) Colour Green (RAL 6024)  Mounting type Back box, Recessed mount, Wall mount  Cable entries 4  Cable specification 0.404 to 2.05 mm  No. of cable cores 2  Terminals 4 (A+/A-;B+/B-)  Functional marking Running Man  Back box cable 1 × Ø 20 mm (Back)  knockouts  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  Environmental  Vandal proof No Operating temperature -25 to +72°C  Storage temperature -25 to +72°C  Storage temperature -25 to +72°C  Storage temperature Indoor  IP rating IP41  Standards & regulation  Compliancy CE, REACH, RoHS 2, WEEE		· · ·
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Event log 32 Events  Connectivity Loop protocol & RFID  Addressing method Electronic  Electrical  Power supply type Loop powered  Operating voltage 16 to 42 VDC  Current consumption 200 µA (Quiescent)		
Connectivity Loop protocol & RFID  Addressing method Electronic  Electrical  Power supply type Loop powered Operating voltage 16 to 42 VDC  Current consumption 2.00 µA (Quiescent) 2.9 mA (Alarm)  Detection  Detection principle Push button/switch Monitoring Device type, Presence  Physical  Physical dimensions 87 × 87 × 26 mm (w/o back box) 87 × 87 × 57 mm (w/o back box) 170 g (w/o back box) 170 g (w/o back box) Colour Green (RAL 6024)  Mounting type Back box, Recessed mount, Wall mount Cable entries 4  Cable specification 0.404 to 2.05 mm  No. of cable cores 2  Terminals 4 (A+/A-;B+/B-) Functional marking Running Man Back box cable 1 × Ø 20 mm (Back)  knockouts  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  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  Standards & regulation  Compliancy CE, REACH, ROHS 2, WEEE		
Addressing method       Electronic         Electrical       Power supply type       Loop powered         Operating voltage       16 to 42 VDC         Current consumption       200 μA (Quiescent)         2.9 mA (Alarm)         Detection         Detection principle         Push button/switch         Monitoring       Device type, Presence         Physical         Physical dimensions       87 × 87 × 26 mm (w/o back box)         87 × 87 × 57 mm (w/ back box)       87 × 87 × 57 mm (w/o back box)         Net weight       110 g (w/o back box)         Colour       Green (RAL 6024)         Mounting type       Back box, Recessed mount, Wall mount         Cable entries       4         Cable specification       0.404 to 2.05 mm         No. of cable cores       2         Terminals       4 (A+/A-;B+/B-)         Functional marking       Running Man         Back box cable       1 × Ø 20 mm (Back)         knockouts       1 × Ø 25 mm (Top or bottom)         Environmental       No         Operating temperature       -25 to +72°C         Storage temperature       -25 to +72°C         Relative humidity       10 to 95% noncondensing <td></td> <td></td>		
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Cable entries 4 Cable specification 0.404 to 2.05 mm No. of cable cores 2 Terminals 4 (A+/A-;B+/B-) Functional marking Running Man Back box cable 1 × Ø 20 mm (Back) knockouts  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  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  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE	Colour	Green (RAL 6024)
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Back box cable knockouts  1 × Ø 20 mm (Back)  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  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  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE	Terminals	4 (A+/A-;B+/B-)
knockouts  1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  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  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE	Functional marking	Running Man
1 × Ø 25 mm (Top or bottom) 2 × Ø 20 mm (Bottom or top)  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  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE		1 × Ø 20 mm (Back)
2 × Ø 20 mm (Bottom or top)  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  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE	knockouts	1 6 25 mm (Tara and W
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  Standards & regulation  Compliancy CE, REACH, RoHS 2, WEEE		
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Operating temperature -25 to +72°C  Storage temperature -25 to +72°C  Relative humidity 10 to 95% noncondensing  Environment Indoor  IP rating IP41  Standards & regulation  Compliancy CE, REACH, RoHS 2, WEEE		
Storage temperature —25 to +72°C  Relative humidity 10 to 95% noncondensing  Environment Indoor  IP rating IP41  Standards & regulation  Compliancy CE, REACH, RoHS 2, WEEE		
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Environment Indoor IP rating IP41  Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE		
IP rating IP41  Standards & regulation  Compliancy CE, REACH, RoHS 2, WEEE		
Standards & regulation Compliancy CE, REACH, RoHS 2, WEEE		
Compliancy CE, REACH, RoHS 2, WEEE	IP rating	IP41
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- 10 11	Compliancy	CE, REACH, RoHS 2, WEEE
Certification CE	Certification	CE
Standards & Regulation	Standards & Regul	ation



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