FMM-462 Family POPIT Addressable Manual Stations

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Invented for life

- Single-gang mounting
- Latching alarm lever and key-locked reset
- Rugged die-cast housing with 14 gauge (1.9 mm) plated steel back and corrosion-resistant construction
- Optional scored acrylic breakrod

The FMM-462 Addressable Manual Stations allow people evacuating a building to initiate an alarm and alert others still inside.
The included POPIT module is addressed using on-board slide switches. It is then connected to the control panel's data expansion loop. The POPIT is polled by the control panel and sends reports on any opens, shorts, or ground faults on the manual station's wiring. The addressable feature allows the agencies responding to alarm or trouble conditions to go to the point that initiated the alarm or trouble report.
These low-profile manual stations are die cast with rounded edges to fit most design applications. All metallic components are painted or plated to inhibit corrosion. These manual stations conform to the Americans with Disabilities Act (ADA) standards.

Functions

Addressable Operation
The POPIT connects to a two-wire data expansion circuit from the control panel. Device address is set through slide switches on the POPIT Module, allowing programmable device identification by the control panel.

Certifications and approvals

ADA	Complies with Americans with Disabilities Act ADA 4.28.3
NFPA	Complies with National Fire Protection Association NFPA 72

Region	Regulatory compliance/quality marks	
USA	UL	UNIU: Boxes, Non-Coded (UL38)
	CSFM	see the Bosch website (www.boschsecurity.com)

Installation/configuration notes

WARNING
This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.

Compatibility Information

The following table lists control panels compatible with the FMM-462 and FMM-462-D manual stations:

Control Panels
Active products:
D9412GV4, D7412GV4, D7212GV4***, D9412GV3, D7412GV3, and D7212GV3***
Inactive products*:
D9412GV2, D7412GV2, and D7212GV2***
Legacy products:**
D9412G, D7412G, D7212G***, D9412, D7412, and D7212***
D9124
D9112, D8112, and D7112
* Inactive products are no longer available for general sale
** Legacy products were investigated to comply only to UL864 8th edition
*** Indicates products which are not UL listed for commercial fire applications

Mounting Considerations

The manual stations are for indoor use only.
The manual station and the wiring from the control panel data expansion loop fit into a single-gang back box for flush mounting. Use the larger FMM-100BB-R Back Box for surface mounting and to provide additional room for system wiring and the module.

Technical specifications

Electrical

Current (alarm):	0.8 mA
Current (normal):	0.5 mA
Voltage (operating):	7 VDC to 15 VDC supplied by the control panel

Environmental

Temperature (operating):	+14°F to +120°F (-10°C to +49°C)

Mechanical

Activation Force:	5 lb (2.3 kg)
Alarm Response Time:	1 sec (approximately)
Dimensions (HxWxD):	4.75 in. x 3.2 in. x 0.875 in. (12.1 cm x 8.1 cm x 2.2 cm)
Material:	Painted die-cast metal, plated steel back and painted steel front

Ordering information

FMM-462 Manual station, single-action, red
The single-action manual station is UL Listed and meets Americans with Disabilities Act (ADA) requirements. It has a latching alarm lever with a key-locked reset, a rugged die-cast housing, and corrosion-resistant construction.
Order number **FMM-462**

FMM-462-D Manual station, double-action, red
The double-action manual station is UL Listed and meets Americans with Disabilities Act (ADA) requirements. It has a latching alarm lever with a key-locked reset, a rugged die-cast housing, and corrosion-resistant construction.
Order number **FMM-462-D**

Accessories

D102 Replacement key for D101 lock set
The D102 is a replacement key for locks stamped with 1358.
Order number **D102**

FMM-100BB-R Surface backbox, 4.75x3.25x2.25", red
Red surface-mount metal back box
Order number **FMM-100BB-R**

FMM-100GR Break rods, scored acrylic, 12pcs
Scored acrylic rods (12 per package)
Order number **FMM-100GR**

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