



BOSCH
Invented for life

FMM-462 Series POPIT Addressable Manual Stations



- ▶ 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 Series Addressable Manual Stations allow people evacuating a building to initiate an alarm and alert others still inside. This UL-listed initiating device is compatible with the Bosch G Series Control Panels and the D9124 Fire Alarm Control Panel (FACP).

The POPIT module is addressed using on-board slide switches. It is then connected to a D9124 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. The FMM-462 Series Manual Stations conform with 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

| | |
|-------------------------|--|
| Listings and Approvals: | UL UNIU: Boxes, Non-Coded (UL38) |
| Approvals: | CSFM: 7150-1615: 122 |
| Complies with: | Americans with Disabilities Act (ADA 4.28.3) National Fire Protection Association (NFPA 72) |

Installation/Configuration Notes

Compatibility Information

The FMM-462 Series Addressable Manual Stations are compatible with the following products:

| Category | Product ID | Product Description |
|-----------------|------------|---------------------|
| Control Panels: | D7212G | Control panel |
| | D7412G | Control panel |
| | D9412G | Control panel |
| | D9124 | Addressable FACP |
| Modules | D9127U | POPIT module |

Mounting Considerations

The FMM-462 manual stations are for indoor use only.

The FMM-462 or FMM-462-D 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.

Parts Included

| Quant. | Component |
|--------|-----------------------------------|
| 1 | Manual station |
| 1 | D9127U POPIT module |
| 1 | FMM-100GR scored acrylic breakrod |
| 1 | D102 Key (1358) |
| 1 | Literature pack |

Technical Specifications

Environmental Considerations

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

Mechanical Properties

| | |
|----------------------|---|
| 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 |

Power Requirements

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

Ordering Information

| | |
|--|-----------|
| FMM-462 Single-Action Manual Station | FMM-462 |
| FMM-462-D Double Action Manual Station | FMM-462-D |

Hardware Accessories

| | |
|--|-------------|
| D102 Replacement Key | D102 |
| FMM-100BB-R Surface-mount Back Box (red) | FMM-100BB-R |
| FMM-100GR Scored Acrylic Breakrods | FMM-100GR |

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