BOSCH

Invented for life

FMM-7045 Series Multiplex Addressable Manual Stations

▶ **Easy addressing with rotary switches**

▶ **Low current draw**

▶ **Key-lock reset**

▶ **Replaceable scored acrylic breakrod option**

▶ **Terminal connections**

▶ **ADA compliant**

▶ **UL Listed**

The FMM-7045 Series Multiplex Manual Stations are UL Listed fire alarm initiating devices that can be connected along with other multiplex devices on the D7039 Multiplex Expansion Module. The FPD-7024 or D7024 Addressable Fire Alarm Control Panel (FACP) supervises the entire multiplex loop, including the FMM-7045 or FMM-7045-D manual stations, for troubles, alarms, and ground fault conditions. Because each manual station occupies only one address on the multiplex bus, it can be addressed for any point within the 9 to 255 range allowed by the multiplex expansion module.

These manual stations are generally installed near building exits such as stairways and doors, allowing persons evacuating the building to activate the fire alarm. They have optional scored acrylic breakrods and a pull handle that locks in the activated position, to allow easy identification of alarm activation points.

These manual stations are high-quality units constructed entirely of non-toxic materials. They have a low profile and rounded edges to fit most design applications. All components are painted or have plated surfaces to inhibit corrosion. Non-corroding screw terminals are provided for wire connections. They are manufactured in conformance with the standards set forth in the Americans with Disabilities Act (ADA).

Functions

Alarm Action

The single-action FMM-7045 has a white pull-down lever in its center. The dual-action FMM-7045-D has a white push lever above the white pull-down lever in its center. Pulling down the pull-down lever latches it into place and sends an alarm signal to the control panel over the multiplex bus. The pull-down lever cannot be reset unless the correct key is inserted into the manual station's lock and the unit is opened. The latching lever can then be restored to its normal position.

Certifications and Approvals

Region	Certification	
USA	UL	UNIU: Boxes, Non-Coded (UL38)
	CSFM	7150-1615: 122
	NYC-MEA	12-92-E, Vol. 14
	ADA	Complies with Americans with Disabilities Act ADA 4.28.3
	NFPA	Complies with National Fire Protection Association NFPA 72

Installation/Configuration Notes

Compatibility Information

The FMM-7045 Series Multiplex Manual Stations are compatible with a FPD-7024 FACP or a D7024 FACP with firmware revision 2.0 or greater with a D7039 Multiplex Expansion Module.

Addressing

Addresses are set using three rotary switches. Refer to the *D7024 FACP Operation and Installation Guide* (P/N: 31499) or the *FPD-7024 Operation and Installation Guide* (P/N F01U008458) and the *FMM-7045, FMM-7045-D Multiplex Addressable Manual Stations Installation Instructions* (P/N: F01U001402) for programming information.

Mounting

The FMM-7045 manual stations are for indoor use only.

Note	If a pull station is needed for outdoor use or in an unheated area, use an FMM-100 Series Pull Station rated for the environment and wired to a multiplex module within the interior of the building.

The FMM-7045 manual stations flush or surface mount on a standard four-inch square back box with a single-gang mud ring so that the total depth of the box is at least 2.25 in. (5.7 cm).

Note	The FMM-7045 does **not** fit an FMM-100BB-R Back Box.

Wiring

The terminal block accepts wiring up to 12 AWG (2.3 mm) in diameter. Refer to the *D7039 Installation Instructions* (P/N: 38685) for multiplex wiring information.

Parts Included

Quant.	Component
1	Manual station
1	FMM-100GR Scored Acrylic Breakrod
1	D102 Key (1358)
1	Literature pack

Technical Specifications

Environmental Considerations

Environment:	Dry, indoor
Radio Frequency Interference (RFI) Immunity:	No alarm on critical frequencies in the range from 26 MHz to 950 MHz at field strengths less than 30 V/m.
Temperature (Operating):	+32°F to +120°F (0°C to +49°C)

Mechanical Properties

Dimensions (H x W x D):	4.75 in. x 3.75 in. x 3.25 in. (12 cm x 9.5 cm x 8.2 cm)
Material:	Die cast zinc alloy and steel

Power Requirements

Current Draw (Mux Bus Average):	Alarm: 0.55 mA Standby: 0.55 mA
Voltage (Operating):	12 VDC nominal (provided by the MUX bus)

Ordering Information

FMM-7045 Single-Action Manual Station A UL Listed fire alarm initiating device that can be connected, along with other multiplex devices, on the D7039 Multiplex Expansion Module and is supervised by the FPD-7024 or D7024 Addressable FACP	**FMM-7045**
FMM-7045-D Double-Action Manual Station A UL Listed fire alarm initiating device that can be connected, along with other multiplex devices, on the D7039 Multiplex Expansion Module and is supervised by the FPD-7024 or D7024 Addressable FACP	**FMM-7045-D**
Accessories	
D102 Replacement Key Replacement key (#1358) for the D101 lock.	**D102**
FMM-100GR Scored Acrylic Break Rods Scored acrylic rods (12 per package)	**FMM-100GR**