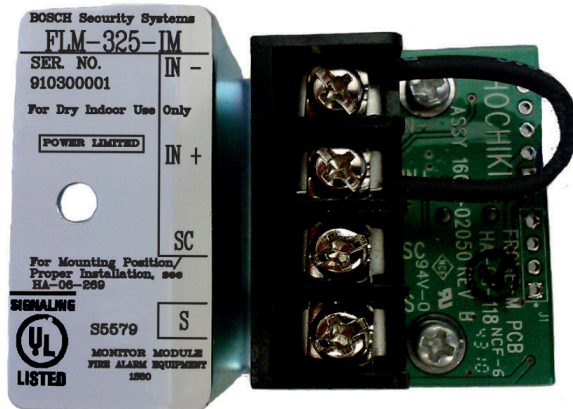




FLM-325-IM Contact Module



- ▶ Digital data communications and power provided over a two-wire circuit
- ▶ Advanced digital communications protocol compatible
- ▶ Class B circuit for dry contact devices
- ▶ Module address programming (1-254) with the D5070 Analog Device Programmer

The FLM-325-IM Contact Module provides a variety of fire alarm functions, such as monitoring manual pull stations, waterflow devices, or other dry contact fire alarm activation applications. The module allows for alarm, trouble, and supervisory conditions. The module is mounted inside of a single-gang back box and is normally out of view.

System Overview

The FLM-325-IM Contact Module allows compatible fire alarm control panels (FACP) to supervise Form A or B dry contact devices in a polling circuit. The module has an eight-bit microprocessor and communicates with the control panel (both power and data) over a two-wire polling circuit. The initiating device circuit (NFPA Style B) connected to the module can have up to 20 normally-open (NO) dry contact devices. Each module can monitor one normally-closed (NC) device (NC devices must be non-alarm applications).

Certifications and Approvals

Region	Certification
USA	UL UOXX: Control Unit Accessories, System (ANSI/UL 864)

Installation/Configuration Notes

The following products are compatible with the FLM-325-IM Contact Module:

Category	Product ID	Product Description
Control Panels:	FPA-1000 Series	Analog addressable fire panels
Pull Stations	FMM-325A	Analog addressable manual pull station (single action)
	FMM-325A-D	Analog addressable manual pull station (double action)
Programmers:	D5070	Analog device programmer

Data Circuit Length

Data (or polling) circuit length is the distance over the circuit wire from the connection at the FACP to the most distant device and back to the FACP. Data circuit length must include the distance to any device connected to the circuit in a T tap. The screw terminals can accept up to 14 AWG (1.5 mm) wire, but this reduces the allowable length of the circuit.

Refer to the *FPE-1000-SLC Installation Guide* (P/N: F01U078099) for specific wire instructions and specifications for the FPA-1000 series panels.

Initiating Device Circuit Connections

The initiating device circuit can use any number of UL-listed normally open (NO) contact closure devices. Device circuit wiring must not exceed 50 Ω. Install contact closure devices according to the manufacturer’s installation instructions. All wiring must be supervised and power-limited.

Note Do not mix fire alarm initiating and supervisory devices on the same module.

Mechanical

Dimensions (H x W x D)	2.375 in. x 1.75 in. x 0.5 in. (60.325 mm x 44.45 mm x 12.7 mm)
Weight	20 oz (0.567 kg)

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Ordering Information

FLM-325-IM Contact Module	FLM-325-IM
Allows compatible fire alarm control panels (FACP) to supervise Form A or B dry contact devices in a polling circuit	

Parts Included

Quant.	Component
1	Point contact module
1	EOL resistor: Hochiki P/N 0400-01046, 10 kΩ, ¼ W, ¼ in.
1	Literature – Installation Guide

Technical Specifications

Electrical

SLC Applied Voltage (rated range):	25.3 VDC to 39 VDC
SLC Current Consumption:	Standby: 0.339 mA Alarm: 0.358 mA

Resistance

End of Line Device	10 kΩ, 0.25 W per resistor
Initiating Device Circuit	Less than 50 Ω

Environmental

Environment:	Indoor dry
Relative Humidity:	Up to 90%, non-condensing
Temperature:	Operating: 0°C to +49°C (+32°F to +120°F) Storage: -30°C to +70°C (-22°F to +158°F)

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