

D7052 Multiplex Dual-input Module



Fire Systems



- Use with D7024 Addressable FACP's
- Fits into a standard double-gang or four-inch square back box
- Easy addressing using rotary switches
- Low current draw
- UL Listed

The D7052 Multiplex Dual-input Module connects normally-open (NO) contacts to the multiplex bus of a D7024 Addressable Fire Alarm Control Panel (FACP). Use the D7052 for two Class B supervised inputs or one Class A input. All operating power for the input module is drawn from the FACP.

Rotary switches allow convenient address setting. An on-board status LED on the module indicates normal, alarm, and trouble conditions and is visible on the module or on an attractive, low-profile faceplate.

Parts included

Quant.	Component
1	D7052 module
2	2.21 kΩ end-of-line (EOL) resistors (P/N: 25899)
1	Literature pack
1	Hardware pack

Certifications and Approvals

Listings and Approvals:	UL UOXX: Control Unit Accessories, System (UL864) CSFM 7165-0801: 177
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Planning

Compatible Products

The following products are compatible with the D7052 Multiplex Dual-input Module:

Category	Product ID	Product Description
Control Panels	D7024	Addressable FACP
	D7024-EXP	Addressable FACP for export
Modules	D7039	Multiplex expansion module
	D7039R	Multiplex expansion module retrofit kit

Mounting

Mount the D7052 on a double-gang or four-inch square back box.

Wiring

Make connections to the terminals on the rear of the D7052. All terminals can accommodate up to 12 AWG (2.3 mm) wire; however, follow wiring guidelines specified by the National Electrical Code (NFPA-70). All wiring is power limited and supervised.

Note: Do not use shielded wire.

Note: Supervise Class B input loops with the supplied EOL resistors. A Class A loop does not require an EOL resistor.

Technical Specifications

D7052 Multiplex Dual-input Module

Enclosure Design

Color:	White
Dimensions:	4.3125 in. (10.9 cm) square by 1.0625 in. (2.7 cm) deep
Material:	ABS plastic
Weight:	3.9 oz (110 g)

Environmental Considerations

Relative Humidity:	Up to 93% noncondensing
Temperature (operating):	+32°F to +120°F (0°C to +49°C)
Inputs:	Two normally-open (NO) Class B inputs supervised by a 2.21 kΩ EOL resistor or one Class A input.

Power Requirements (supplied from FACP's multiplex bus)

Current:	550 μA
Voltage:	12 VDC nominal

Ordering Information

D7052 Multiplex Dual-input Module	D7052
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