



D7052 Multiplex Dual-input Module



- ▶ Use with D7024, DS9400M, or FPD-7024 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, DS9400M, or FPD-7024 Addressable Fire Alarm Control Panel (FACP). Use the D7052 for two Class B (Style B) supervised inputs or one Class A (Style D) input. All operating power for the input module is drawn from the FACP.

Note The D7024 and DS9400M are **not** listed under UL864, 9th edition.

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.

Certifications and Approvals

Region	Certification	
USA	UL	UL864, 9th edition
	FM	
	CSFM	7165-1615:147
		7165-1615:227
NYC-MEA	12-92-E	Vol. 14

Installation/Configuration Notes

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
	DS9400M	Addressable FACP
	FPD-7024	Addressable FACP
Modules	D7039	Multiplex expansion module

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.

Parts Included

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

Technical Specifications

Circuit Designation

MUX Bus:	Supervised Class A (Style 6) SLC or Class B (Style 4) SLC
Input:	Supervised Class A (Style D) IDC or Class B (Style B) IDC

Environmental Considerations

Environment:	Indoor, dry
Relative Humidity:	Up to 93% non-condensing
Temperature (operating):	+32°F to +120°F (0°C to +49°C)

Inputs

Type:	Two normally-open (NO) Class B (Style B) contact inputs or one Class A (Style D) contact input supervised by a 2.21 k Ω EOL resistor (P/N: 25899)
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Mechanical Properties

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)

Power Requirements (supplied from FACP's MUX bus)

Current:	0.55 mA
Voltage (minimum):	8 V peak (12 VDC nominal)

Ordering Information

D7052 Multiplex Dual-input Module	D7052
Connects normally-open (NO) contacts to the multiplex bus of a D7024, DS9400M, or FPD-7024 Addressable FACP	

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