

D7052 Multiplex dual-input module, 12V

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- ▶ Use with FPD-7024, D7024, or DS9400M addressable FACP's
- ▶ Fits into a standard double-gang or four-inch square back box
- ▶ Easy addressing using rotary switches
- ▶ Low current draw

The module connects normally-open (NO) contacts to the multiplex bus of an FPD-7024, D7024, or DS9400M FACP. Use the module for two Class B supervised inputs or one Class A input. All operating power for the input module is drawn from the FACP.



Notice

The D7024 and DS9400M are legacy products listed to UL864, 8th edition.

Rotary switches allow convenient address setting. A status LED indicates normal, alarm, and trouble conditions. The LED is visible on the module or on a low-profile faceplate.

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	UL 864, Control Units and Accessories for Fire Alarm Systems
	FM	see the FM Approval Guide
	CSFM	see www.boschsecurity.com (the Bosch website)
	FDNY-CoA	6173

Installation/configuration notes

Compatible Panels

The D7052 is compatible with the FPD-7024, D7024*, DS9400M* Fire alarm control panels. The modules connect to the FACP through an expansion module. Use the FPE-7039 with the FPD-7024 FACP or the D7039* with either the FPD-7024 or D7024* FACP's. Use the DS9431* Multiplex expansion module with the DS9400* FACP's.

* Legacy product - not available for purchase. The D7024 and DS9400M FACP's are listed to UL864, 8th edition.

Mounting

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

Wiring

Make connections to the terminals on the rear of the module. All terminals can accommodate up to 12 AWG (ISO 4 mm²) wire. Follow wiring guidelines specified by the National Electrical Code (NFPA 70). All wiring is power-limited and supervised.



Notice

Do not use shielded wire.

**Notice**

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

Parts included

Quantity	Component
1	D7052 module
2	2.21 kΩ end-of-line (EOL) resistors (P/N: F.01U.034.504)
1	Hardware pack – Two screws STD TC632X0.50002P-ST PLT
1	Literature pack – Installation manual

Technical specifications**Electrical**

Circuit Designation MUX Bus Input	Supervised Class A SLC or Class B SLC Supervised Class A IDC or Class B IDC
Input Type	Two normally-open (NO) Class B contact inputs or one Class A contact input supervised by a 2.21 kΩ EOL resistor (P/N: F.01U.034.504)
Power from FACP's MUX bus Current Voltage (minimum)	0.55 mA 8 V peak (12 VDC nominal)

Environmental

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

Mechanical

Color	White
Dimensions (L x W x H)	12.4 cm (4.88 in.) x 12.6 cm (4.96 in.) x 4.8 cm (1.89 in.)
Material	ABS plastic
Weight Gross Net	0.71 oz. 0.60 oz.

Ordering information**D7052 Multiplex dual-input module, 12V**

Connects normally-open (NO) contacts to the multiplex bus of an FPD-7024, D7024, or DS9400M FACP

Order number **D7052**

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