

D7044 Multiplex Single-input Module

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- ▶ 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 D7044 Multiplex Single-input Module connects a normally-open (NO) contact to the multiplex bus of a D7024, DS9400M, or FPD-7024 Addressable Fire Alarm Control Panel (FACP). Use the D7044 supervised input in a Class B configuration. All operating power for the input module is drawn from the FACP.



Notice

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	NBSX: Household Burglar Alarm System Units (ANSI/UL 1023), UOJZ: Control Units, System (ANSI/UL 864), and UOXX: Control Unit Accessories, System (ANSI/UL 864)
	FM	D7044\D7044M

Region	Certification	
	CSFM	see our website
	FDNY-CoA	#6173

Installation/configuration notes

Compatible Products

The following products are compatible with the D7044 Multiplex Single-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 D7044 on a double-gang or four-inch square back box.

Wiring

Make connections to the terminals on the rear of the D7044. 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.

**Notice**

Supervise the input loop with the supplied EOL resistor.

Parts included

Quant.	Component
1	D7044 module
1	2.21 kΩ end-of-line (EOL) resistor (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 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)

Input

Type:	One normally-open (NO) contact input supervised by a 2.21 kΩ 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**D7044 Multiplex Single-input Module**

The D7044 connects a normally-open (NO) contact to the multiplex bus of a D7024, DS9400M, or FPD-7024 FACP. The D7044's supervised input power is drawn from the FACP for use in a Class B configuration. Rotary switches allow convenient address setting. Order number **D7044**

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