D7044 Multiplex single-input module, 12V

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Invented for life

▶ Use with FPD-7024, D7024, or DS9400M Addressable FACPs

▶ Fits into a standard double-gang or four-inch square back box

▶ Easy addressing using rotary switches

▶ Low current draw

The module connects a normally-open (NO) contact to the multiplex bus of FPD-7024, D7024, or DS9400 Addressable FACPs. Use the D7044 supervised input in a Class B configuration. All operating power for the input module is drawn from the fire alarm control panel (FACP).

ℹ **Notice**
The D7024 and DS9400 FACPs are legacy products listed to UL864, 8th edition.

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

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	UL 864, Control Units and Accessories for Fire Alarm Systems
	UL	UL 1023, Household Burglar-Alarm System Units
	FM	see the FM Approval Guide

Region	Regulatory compliance/quality marks	
	CSFM	see www.boschsecurity.com (the Bosch website)
	FDNY-CoA	6173

Installation/configuration notes

Compatible Products
The D7044 is compatible with the FPD-7024 and D7024* 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* FACPs. The DS9400M* includes the expansion module
* indicates legacy products.
The FPD-7024 panels and the FPE-7039 expansion module are listed to UL864, 10th edition. The D7039 expansion module is listed to UL864, 9th edition. The D7024 panels and DS9400M 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 mm^2) wire. However, follow wiring guidelines specified by the National Electrical Code (NFPA-70). All wiring is power limited and supervised.

> **ℹ Notice**
> Supervise the input loop with the supplied EOL resistor.

Parts included

Quantity	Component
1	D7044 module
1	2.21 kΩ end-of-line (EOL) resistor (P/N: F.01U. 034.504)
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Circuit Designation MUX Bus Input	Supervised Class A SLC or Class B SLC Supervised Class B IDC
Input Type	One normally-open (NO) contact input supervised by a 2.21 kΩ EOL resistor (P/N: F.01U.034.504)
Power supplied 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℉ to +120℉ (0℃ to +49℃)

Mechanical

Color	White
Dimensions (L x W x H)	12 cm (4.7 in.) x 12 cm (4.7 in.) x 4 cm (1.57 in.)
Mounting	Standard double-gang box or 4-in. square electrical box
Material	ABS plastic
Weight Gross Net	0.15 kg (5.29 oz.) 0.125 kg (4.4 oz.)

Ordering information

D7044 Multiplex single-input module, 12V
The module connects a normally-open (NO) contact to the multiplex bus of an FPD-7024, D7024, or DS9400 FACP. The module draws supervised input power from the FACP for use in a Class B configuration. Rotary switches allow convenient address setting.
Order number **D7044**