D7044M Multiplex mini single-input module, 12V

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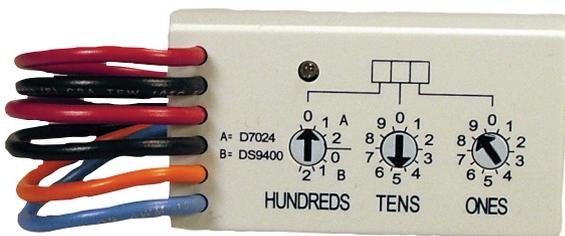
- ▶ Use with FPD-7024, D7024, or DS9400M addressable FACPs
- ▶ Fits into a standard single-gang back box
- ▶ Easy addressing using rotary switches
- ▶ Low current draw

The D7044M MUX mini single-input module (12V) connects a normally-open (NO) contact to the multiplex bus of an FPD-7024, D7024, or DS9400M Addressable fire alarm control panel (FACP). Use the module's supervised input in a Class B configuration. All operating power for the input module is drawn from the FACP.

Rotary switches allow convenient address setting.

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

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 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 and DS9400M panels are listed to UL864, 8th edition.

Mounting
The module fits in a single-gang back box to which the device it is monitoring is attached.

Wiring
Connections for the module are made using the 16 AWG (ISO 1.5 mm^2) flying leads from the device. All wiring is power limited and supervised.

ℹ Notice
Do not use shielded wire.

Notice

Supervise the input loop with the supplied EOL resistor.

Parts included

Quantity	Component
1	D7044M module
1	2.21 kΩ end-of-line (EOL) resistor (P/N: F.01U.034.504)
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	0.55 mA 8 V peak (12 VDC nominal)

Current Voltage (minimum)	

Environmental

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

Mechanical

Color	White
Dimensions (L x W x H)	12 cm (4.7 in.) x 5 cm (1.97 in.) x 5 cm (1.97 in.)
Mounting	Standard double-gang box
Material	ABS plastic
Weight Gross Net	 0.090 kg (3.17 oz.) 0.075 kg (2.65 oz.)

Ordering information

D7044M Multiplex mini single-input module, 12V
Connects a normally-open (NO) contact to the multiplex bus of an FPD-7024, D7024, or DS9400M FACPs.
Order number **D7044M**