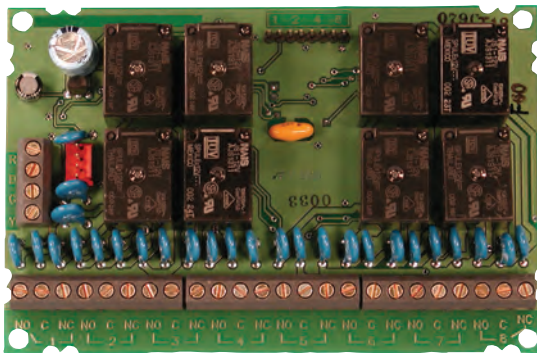


# D7035 Octal Relay Modules

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- ▶ Eight Form C programmable relay outputs
- ▶ D7035 mounts conveniently inside the FACP enclosure; no separate enclosure needed
- ▶ D7035B includes mounting skirt and enclosure for mounting outside of the FACP enclosure
- ▶ Up to two modules are supported by the FACP

The D7035 Octal Relay Modules include the D7035 and the D7035B. The modules provide eight Form C relay outputs for the D7024 Fire Alarm Control Panel (FACP), the FPD-7024 FACP, or the FPA-1000 Analog/Addressable Fire Panels. These relay outputs can connect the FACP with other systems or keypad inputs. The relays can also be used for door closure, fan control, annunciators, indicators, or other dry contact input devices. Normally-open (NO) or normally-closed (NC) contacts can indicate alarm, supervisory, or trouble conditions. The outputs on these modules are programmable. Each output operates individually from the other seven outputs on the module for complete flexibility. The outputs can also be activated by several different system events. Up to two D7035 or D7035B modules are allowed on the FACP.



**Notice**

The D7024 is **not** listed under UL864, 9th edition.

### Certifications and approvals

Region	Certification	
USA	UL	UOJZ: Control Units, System (ANSI/UL 864) D7035 only
	FM	D7035 Family
	CSFM	see our website
	FDNY-CoA	#6101
	FDNY-CoA	#6173

### Installation/configuration notes

#### Compatibility Information

The following products are compatible with the D7035 and D7035B Octal Relay Modules:

Category	Product ID	Product Description
Control Panels	D7024*	Addressable FACP
	D7024	Conventional FACP
	FPD-7024*	Addressable FACP
	FPD-7024	Conventional FACP
	FPA-1000	Analog Addressable Fire Panels

Modules	D132B	Smoke detector reversing relay module
	D185	Reversing polarity module
	D275	EOL power supervision module
	D7014	Zone converter module
	D7015	Class B to Class A NAC converter
	D7031	Silence reset module
	D7034	Four-point expander

\* When used with a D7039 Multiplex Expansion Module, the D7024 and FPD-7024 Conventional FACP's become Addressable FACP's.

### Mounting Considerations

- D7035 Module:  
Mount the D7035 directly in the control panel enclosure using the provided mounting site.
- D7035B Module:  
The D7035B module comes with a mounting skirt and its own red metal enclosure for mounting outside the FACP enclosure when space is limited. The module can be mounted up to 500 ft (152 m) from the control panel using 18 AWG (1.2 mm) wire.

### Wiring Considerations

The FACP sends 12 VDC power and data from the Option Bus to the input terminals on the modules through four wires as a supervised Class B (Style 4) communication circuit. The wiring terminals are color-coded. The length of the wire attached to the option bus terminals must not exceed 4000 ft (1219 m).

### Parts included

#### D7035

Quant.	Component
1	Octal relay module
1	Hardware pack
1	Literature pack

#### D7035B

Quant.	Component
1	D7035 Octal Relay Module
1	Mounting plate (MP-D203)
1	Red enclosure (AE203R)

### Technical specifications

#### Environmental Considerations

Environment:	Indoor, dry
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### Mechanical Properties

Board Dimensions [H x W x D]:	5.0 in. x 3.3 in. x 0.8 in. (13.0 cm x 8.3 cm x 2.1 cm)
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D7035B Enclosure Dimensions [H x W x D]:	5.25 in. x 7.75 in. x 2.5 in. (13.3 cm x 19.7 cm x 6.4 cm)
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### Outputs

Relay Contact Rating:	5.0 A at 28.0 VDC
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### Power Requirements (Option Bus)

Current Draw:	7 mA + 35 mA per energized relay (use 5 mA + 26 mA per energized relay for battery calculations)
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Voltage (supply):	12.0 VDC nominal
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### Ordering information

#### D7035 Octal Relay Module

Provide eight Form C relay outputs (w/o enclosure) for the D7024, FPD-7024, or FPA-1000 Fire Alarm Control Panels (FACP)

Order number **D7035**

#### D7035B Octal Relay Module with Enclosure

Provide eight Form C relay outputs (w/ enclosure) for the D7024, FPD-7024, or FPA-1000 Fire Alarm Control Panels (FACP)

Order number **D7035B**

### Accessories

#### MP-D203 Mounting Plate Accessory

Kit consisting of a 44981B Mounting Skirt with associated plastic standoffs and mounting screws

Order number **MP-D203**

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