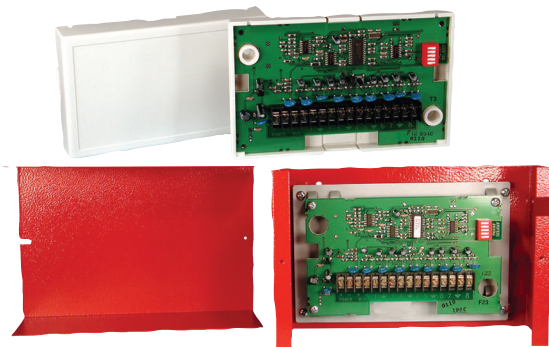


# D7042/D7042B Remote modules, 8-input

www.boschsecurity.com



**BOSCH**  
Invented for life



- ▶ Provides eight Class B initiating circuits
- ▶ Includes eight UL Listed EOL resistors
- ▶ Convenient plastic case (D7042) or red metal fire enclosure (D7042B) for remote mounting
- ▶ Easy to install
- ▶ Connects to panel's multiplex bus through a MUX expansion module

## Certifications and approvals

The D7042 is listed to UL 864, 10<sup>th</sup> edition. The D7042B is listed to UL 864, 9<sup>th</sup> edition.

Region	Regulatory compliance/quality marks	
USA	UL	UL 864, Control Units and Accessories for Fire Alarm Systems
	FM	D7042\D7042B
	CSFM	see www.boschsecurity.com (the Bosch website)
	FDNY-CoA	6173

## Installation/configuration notes

### Compatible Panels

The D7042/B are compatible with the FPD-7024, D7024\*, and DS9400\* 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. Use the DS9431\* Multiplex expansion module with the DS9400\* FACPs. The D7042 module comes with a plastic enclosure and can be mounted inside or outside the FACP enclosure. The D7042B module comes with a red metal fire enclosure for remote mounting.

\* indicates legacy products.

The FPD-7024 panels and the FPE-7039 expansion module are listed to UL864, 10<sup>th</sup> edition. The D7039 expansion module is listed to UL864, 9<sup>th</sup> edition. The D7024 and DS9400 panels and the DS9431 expansion module are listed to UL864, 8<sup>th</sup> edition.

### Wiring Considerations

The length of wire connecting any D7042 module to the FACP must be ≤ 20 ft. (6 m). Use a minimum of 18 AWG (ISO 0.75 mm<sup>2</sup>) wire for the initiating device circuit wiring connected to the D7042 or D7042B. Wire length per loop cannot exceed 250 ft. (76 m). For multiplex wiring requirements, see the appropriate panel's *Installation Guide*.



### Notice

Do not use shielded or twisted-pair cable.

**Technical specifications****Electrical**

<b>Circuit designation</b>	
MUX Bus	Class B SLC
Inputs	Class B IDC
<b>Current (alarm and standby)</b>	
Through multiplex bus	10 mA at 12 VDC
From option bus	8 mA
Battery Calculation Current (alarm and standby)	18 mA
Voltage (maximum peak bus operating)	≥8 VDC

**Environmental**

Environment	Indoor, dry
Temperature (operating)	+32°F to +120°F (0°C to +49°C)

**Mechanical**

<b>Color</b>	
D7042	White
D7042B	Red
Board Dimensions (LxWxH)	5.7 in. x 3.4 in. x 0.6 in. (14.5 cm x 8.6 cm x 1.5 cm)

D7042 Enclosure Dimensions (LxWxH)	6.0 in. x 3.7 in. x 1.4 in. (15.2 cm x 9.4 cm x 3.6 cm)
D7042B Enclosure Dimensions (LxWxH)	7.75 in. x 5.25 in. x 2.5 in. (19.7 cm x 13.3 cm x 6.4 cm)
<b>Material</b>	
D7042	ABS plastic
D7042B	Metal
<b>Weight (gross - assembled)</b>	
D7042	0.3 kg (10.58 oz.)
D7042B	1.308 kg (2.88 lb.)
<b>Weight (net - assembled)</b>	
D7042	0.249 kg (8.78 oz.)
D7042B	1.1 kg (2.43 lb.)

**Ordering information****D7042 Remote module, 8-input class B**

Board and plastic enclosure with spring tamper  
Order number **D7042**

**D7042B Multiplex module, metal, 8-input**

Board on mounting plate with metal enclosure  
Order number **D7042B**

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