

D7052 Multiplex Dual-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 D7052 Multiplex Dual-input Module connects normally-open (NO) contacts to the multiplex bus of a D7024, DS9400M, or FPD-7024 Addressable Fire Alarm Control Panel (FACP). Use the module for two Class B (Style B) supervised inputs or one Class A (Style D) input. All operating power for the input module is drawn from the FACP.



Notice

The 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 | UOJZ: Control Units, System (ANSI/UL 864) and UOXX: Control Unit Accessories, System (ANSI/UL 864) |
| | FM | D7052 |

| Region | Certification | |
|--------|---------------|-----------------|
| | CSFM | see our website |
| | FDNY-CoA | #6173 |

Installation/configuration notes

Compatible Products

The following products are compatible with the D7052 Multiplex Dual-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 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 mm²) wire; however, follow wiring guidelines specified by the National Electrical Code (NFPA-70). All wiring is power limited and supervised.

**Notice**

Do not use shielded wire.

**Notice**

Supervise Class B input loops with the supplied EOL resistors. A Class A loop does not require an EOL resistor.

Parts included

| Quant. | Component |
|--------|--|
| 1 | D7052 module |
| 2 | 2.21 kΩ end-of-line (EOL) resistors (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 A (Style D) IDC or 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) |

Inputs

| | |
|-------|--|
| Type: | Two normally-open (NO) Class B (Style B) contact inputs or one Class A (Style D) contact input supervised by a 2.21 kΩ EOL resistor (P/N: 25899) |
|-------|--|

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**D7052 Multiplex Dual-input Module**

The D7052 connects normally-open (NO) contacts to the multiplex bus of a D7024, DS9400M, or FPD-7024 FACP. The D7044's input power is drawn from the FACP for use in two Class B (Style B) supervised inputs or one Class A (Style D) input. Rotary switches allow convenient address setting.

Order number **D7052**

Represented by:

Americas:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security
Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com