


BOSCH

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D7044 Multiplex Single-input Module



- ▶ Use with D7024, DS9400M, or FPD-7024 Addressable FACPs
- ▶ Fits into a standard double-gang or four-inch square back box
- ▶ Easy addressing using rotary switches
- ▶ Low current draw
- ▶ UL Listed

The D7044 Multiplex Single-input Module connects a normally-open (NO) contact to the multiplex bus of a D7024, DS9400M, or FPD-7024 Addressable Fire Alarm Control Panel (FACP). Use the D7044 supervised input in a Class B configuration. All operating power for the input module is drawn from the FACP.

Note 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	AMCX: Central Station Alarm Units (UL1610, UL1635), AOTX: Local Alarm Units (UL464, UL609), APAW: Police Station Alarm Units (UL365, UL464), and NBSX: Household Burglar Alarm System Units (UL1023) UL864, 9th edition
	FM	
	CSFM	7165-1615: 147 7165-1615:227
	NYC-MEA	12-92-E, Vol. 14

Installation/Configuration Notes

Compatible Products

The following products are compatible with the D7044 Multiplex Single-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 D7044 on a double-gang or four-inch square back box.

Wiring

Make connections to the terminals on the rear of the D7044. All terminals can accommodate up to 12 AWG (2.3 mm) wire; however, follow wiring guidelines specified by the National Electrical Code (NFPA-70). All wiring is power limited and supervised.

Note Supervise the input loop with the supplied EOL resistor.

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

D7044 Multiplex Single-input Module	D7044
Connects a normally-open (NO) contact to the multiplex bus of a D7024, DS9400M, or FPD-7024 Addressable FACP	

Parts Included

Quant.	Component
1	D7044 module
1	2.21 kΩ end-of-line (EOL) resistor (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 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)

Input

Type: One normally-open (NO) contact input supervised by a 2.21 kΩ EOL resistor (P/N: 25899)

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
 5600 JB 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 6258 5511
 Fax: +65 6571 2698
 apr.securitysystems@bosch.com
 www.boschsecurity.com

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