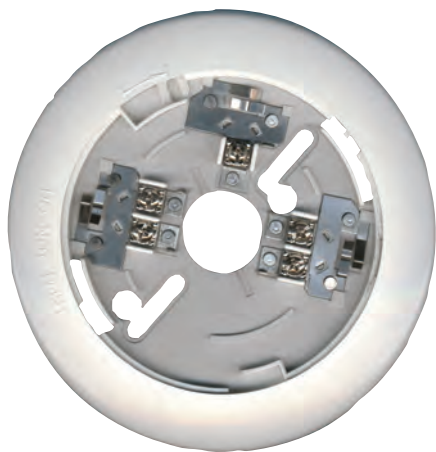


D7050-B6 Two-wire Detector Base

www.boschsecurity.com



- Connects to multiplex bus of the FPD-7024 or D7024 Addressable FACP, DS7400Xi Control Panel, and G Series Control Panels
- Detector's head is easily removed by twisting
- Two-piece detector head and base design allows pre-wiring the system

The D7050-B6 is the required base for the D7050 Multiplex Photoelectric Smoke Detector Head and the D7050TH Multiplex Photoelectric Smoke Heat Detector Head. It connects to the multiplex bus of the FPD-7024 or D7024 Addressable Fire Alarm Control Panels (FACPs), the DS7400Xi Control Panel, and the G Series Control Panels.

Notice
All versions of the FPD-7024 require a D7039 MUX Expansion Module. The D7024 FACP requires a D7039 MUX Expansion Module and control panel ROM version 2.0 or higher.

Certifications and approvals

Region	Certification	
USA	UL	UROX: Smoke-automatic Fire Detectors (ANSI/UL 268)
	FM	D7050-B6
	CSFM	see our website
	FDNY-CoA	#6173

Installation/configuration notes

Compatible Products

The following products are compatible with the D7050-B6 detector base:

Category	Product ID	Product Description
Control Panels	FPD-7024	FACP
	D7024	FACP
	D7024-EXP	FACP for export
	G Series	D9412G (or later), D7412G (or later), and D7212G ¹ (or later)
Detectors	D7050	Multiplex photoelectric smoke detector
	D7050TH	Multiplex photoelectric smoke detector with 135°F (57°C) heat sensor
Remote Annunciators	DRA-12/24	12 VDC and 24 VDC remote annunciator
Interface Modules	D8125MUX	Multiplex bus interface module

¹ The D7212G models are not UL Listed for commercial fire.

Mounting Considerations

The D7050-B6 Base can be mounted on a four-inch square, a four-inch octagonal, or a single-gang box. It can also be surface mounted with anchors, mollies, or wing nuts.

Number of Devices Allowed on Loop

The number of multiplex smoke or smoke-heat detectors allowed on the multiplex bus is determined by the wire gauge and the total wire length of the bus. Do not exceed 30 Ω maximum line resistance. For multiplex bus wiring requirements, see the *D7039 Installation Guide*.

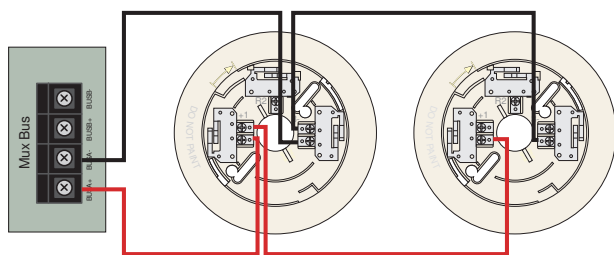
Wiring Connection to D7024 MUX bus through D7039



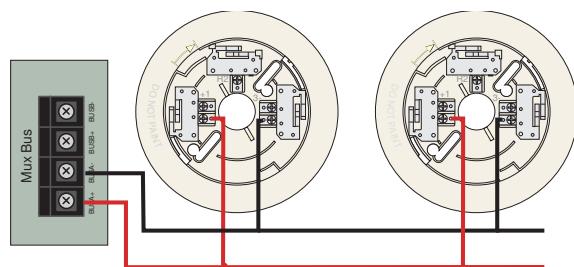
Notice

Do not use shielded cable.

The D7050-B6 bases can be wired in a series or using the T-tap method. See the following illustrations.



Series Connection



T-tap Connection

Parts included

Quant.	Component
1	Detector base
1	Hardware pack
1	Literature pack

Technical specifications

Environmental Considerations

Relative Humidity:	0% to 93% non-condensing
Temperature (Operating):	+32°F to +100°F (0°C to +38°C)

Mechanical Properties

Color:	Off-white
Material:	High-impact, fire-retardant polymer plastic

Ordering information

D7050-B6 Two-wire Detector Base

Required base for the D7050 Multiplex Photoelectric Smoke Detector Head and the D7050TH Multiplex Photoelectric Smoke Heat Detector Head
Order number **D7050-B6**

Represented by:

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