

D253 Two-wire Detector Base (24 VDC)

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Invented for life



- ▶ 24 VDC, two-wire circuit compatibility
- ▶ Latching LED
- ▶ Low-profile six-inch diameter base accepts interchangeable detector heads
- ▶ Easy head removal for cleaning and servicing
- ▶ Standard screw terminal connections

The D253 is a two-wire 24 VDC heat detector base with a latching steady-on alarm LED. It accepts Bosch D254 and D255 heat detector heads.

Certifications and approvals

Region	Certification	
USA	UL	UROX: Smoke - Automatic Fire Detectors (UL268 and A)
	CSFM	7300-1615:0115
	NYC-MEA	284-91-E, Vol. II

Installation/configuration notes

Compatible Products

The following products are compatible with the D253 Two-wire Detector Base:

Category	Product ID	Product Description
Control Panels*	D7022	Conventional FACP
	D7024	Conventional FACP
	D7024	Addressable FACP
	D7212	Addressable control panel
	D7212G	Addressable control panel

D7412G Addressable control panel

D9112 Addressable control panel

D9412G Addressable control panel

D9124 Addressable FACP

Detector Heads D254 Fixed temperature heat detector (+135°F [+57°C])

D255 Fixed temperature heat detector (+190°F [+88°C])

* The detector base requires use of a D125B Powered Loop Interface Module and a separate UL Listed 24 VDC power supply. Use a D130 Relay Module to reset the 24 VDC detectors with a Reset Sensor command from the control panel.



Notice

Bosch makes no claims either written, oral, or implied that the D253 works with any control panel other than those listed above.

Mounting

The detector base fits on standard three-inch octagonal and four-inch square and octagonal back boxes.

Wiring

For detailed wiring requirements, see the D250A/D290 Series installation instructions.

Parts included

Quantity	Component
1	D253 detector base
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Current (alarm):	38 mA
Current (operating):	0.055 mA
Voltage (operating):	15.0 VDC to 36.3 VDC

Environmental

Temperature (operating):	+32°F to +100°F (0°C to +38°C)
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Mechanical

Color:	Bone white
Dimensions (diameter):	6 in. (15.2 cm)

Ordering information

D253 Two-wire Detector Base (24 VDC)

A two-wire 24 VDC heat detector base, with a latching steady-on alarm LED, that accepts Bosch D254 and D255 heat detector heads

Order number **D253**

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