

D344-RL Remote indicator plate

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- ▶ Highly-visible LED indicators
- ▶ Sensitivity voltage test point
- ▶ Easily mounted and wired
- ▶ Attractive faceplate

Use the D344-RL Remote Indicator Kit with the D340 Series Duct Smoke Detector Housings. The D306 Indicator Plate's LED indicates the detector's status and condition, and has points to read and test the sensitivity voltage.

Functions

Sensitivity Testing

Connect a standard volt-ohm meter (VOM) to the D306 voltage monitor plugs to check the D340 Series sensitivity level after installation. The voltage measurement decreases as the signal level approaches alarm. This is caused by dust or dirt buildup in the detector head smoke chamber. Refer to the detector head's installation instructions for proper voltage readings.

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	UL 268, Smoke Detectors for Fire Alarm Systems
	CSFM	see www.boschsecurity.com (the Bosch website)
Canada	ULC	CAN/ULC-S529, Smoke Detectors for Fire Alarm Systems

Installation/configuration notes

Compatible Products

The D344-RL Remote indicator plate is compatible with the following D340, D341, D342, and D343* Duct smoke detector housings, the D285DH Duct smoke detector, and the D296 and D297 Beam smoke detectors.

* indicates legacy product - no longer available for purchase

Indicator plate mounting

Surface-mount the plate on a single-gang or on standard single wire-mold box, or flush mount it. When using 18 AWG (ISO 0.75 mm²) wire, mount the plate

≤500 ft. (152 m) from the detector/housing. When using 22 AWG (ISO 0.34 mm²) wire, mount the plate ≤200 ft. (61 m) from the detector/housing.

Wiring considerations

A wiring harness (five-wire) and test coil are supplied with the duct housing. The harness connects the power card in the D340/D341/D342 or D343 (legacy product) housing to the remote indicator plate. The supplied wiring harness and test coil are not used on the D296/D297 beam smoke detectors. It connects detector head to the power card of the duct housing.

Parts included

Quant.	Component
1	D306 Remote Indicator Plate
1	Wiring harness
1	Hardware pack
1	Literature pack

Technical specifications

Environmental Considerations

Temperature (operating):	-22°F to +130°F (-30°C to +54°C)
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For UL Listed requirements, the operating temperature range is +32°F to +100°F (0°C to +37.8°C).

Power Requirements

Current:	5 mA at 24 VDC standby 15 mA at 24 VDC alarm
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Voltage:	10 VDC to 32 VDC
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Ordering information

D344-RL Remote indicator plate

Used with the D340 Series Duct Smoke Detector Housings
Order number **D344-RL**

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