

CAT. NO. **D-F-7307**

FDKU634-D-X

MULTI-CRITERIA CONVENTIONAL SMOKE DETECTOR

Features

- UL268 7th Edition Listed
- Very Low Profile (28.7mm/1.13-inch only in height)
- Wide range input voltage 19.2 to 28.8VDC
- High air velocity rating
- 2-wire low-current design
- LEDs for 360° Viewing
- Sensitivity check by flashing LED



Description

The FDKU634-D-X is a Multi-Criteria Conventional Smoke Detector. The FDKU634-D-X is certified with the UL268 7th Edition, which requires to pass flaming and smoldering polyurethane tests, as well as a nuisance test that detectors must not alarm when subjected to certain types of cooking smoke. In addition to the requirements of UL 268 7th Edition, the FDKU634-D-X is also designed to distinguish smoke from dust with a unique chamber that prevents dust from entering the smoke detection area. The Nohmi's new detection technology helps to reduce nuisance alarms and improve reliability of fire detection.

The FDKU634-D-X is applied with Nohmi's new circuit integration technology. This state-of-the-art technology was able to simplify the product circuits and down-size the product structure significantly. The Nohmi's extremely thin detectors do not spoil the aesthetics of the building.

The FDKU634-D-X operates between 19.2 to 28.8VDC range (24VDC nominal) with compatible control units. The FDKU634-D-X is set at a nominal sensitivity of 6.4%/m (2.00%/ft) smoke obscuration. If the detectors get dirty, the detectors should be replaced or cleaned the smoke chamber.

The FDKU634-D-X has two LEDs that allow for 360° viewing. The FDKU634-D-X can notify the deviation of sensitivity by flashing the LEDs when smoke is detected. The detector is compatible with any of the Nohmi bases indicated in this sheet and simply twists on.

Ordering Information

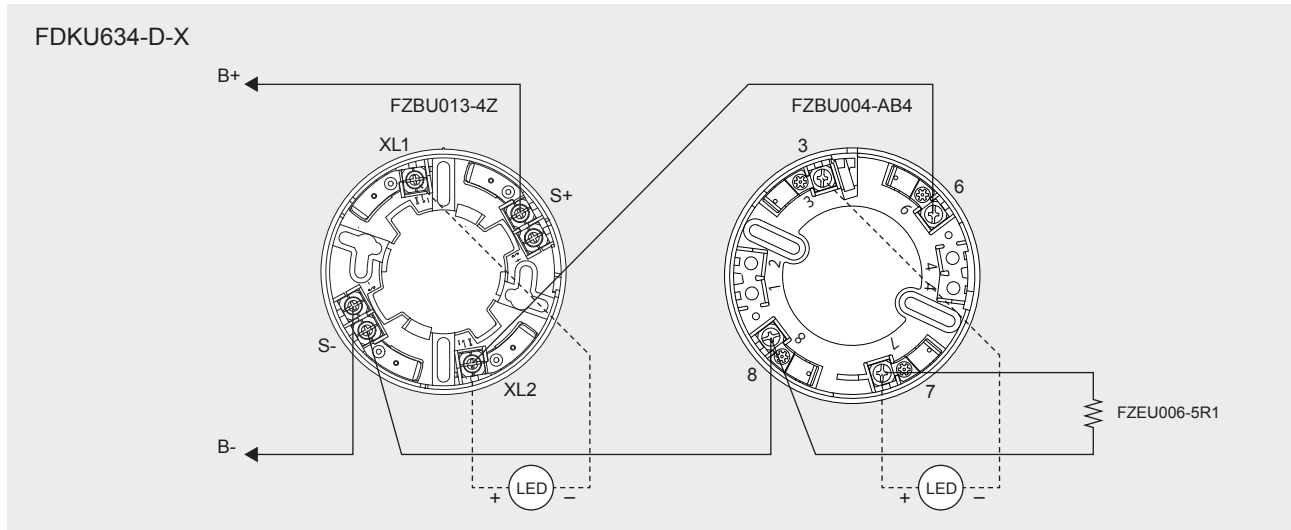
Model no. FDKU634-D-X

Specifications

Model no.	FDKU634-D-X
Allowable range of voltage	19.2 to 28.8 VDC
Standby current	55µA (max)
Start-up current	500µA max.
Alarm current	60mA max.
Normal operating temperature range	0°C to 49°C (32°F to 120°F)
Nominal sensitivity	6.4%/m (2.00%/ft)
Weight	88g (3.0oz)
Dimensions (without base)	Height: 28.7mm (1.13 inch) Diameter: 99mm (4.0 inches)
Remote indicator	Available

Wiring Diagram

Typical wiring of detector base onto which detector is mounted.



Compatible Bases

All bases will mount on a single gang, double gang, octagon, 4 inches square or mud ring electrical box.

No.	Device	Description
1	FZBU004-AB4	4 inches Standard Base
2	FZBU013-4Z	4 inches Standard Base, 4 terminals

NOTE

- The information contained herein does not purport to cover all the details or variations of the equipment described, nor to provide for every possible contingency that may be met in connection with its installation, operation or maintenance.
- Specifications are subject to change without notice. Contact Nohmi before relying on the information.
- Actual performance is based on proper application of the product by a qualified professional.
- Should further information be required or should particular concerns arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to Nohmi or your nearest distributor.

NOHMI
NOHMI BOSAI LTD.

• Head Office: 4-7-3 Kudan-Minami, Chiyoda-ku, Tokyo
102-8277, Japan

• Phone: (81)3-3265-0231

• F A X: (81)3-3265-5348

URL <https://www.nohmi.co.jp/english/>

Contact