NC-DBD-W

Conventional standard point detector base with diode (White)

General

The NC-DBD-W is an NC series surface mount first-fix base.offering and integrated diode. It allows any NC Series conventional point detector to be inserted, removed or replaced without rewiring using an easy twist and lock action. The integrated diode allows support for BS5839 "head-out" functionality.

The NC-DBD-W supports a remote indicator connection.

Ease of Installation

Forming an integral part of the detector assembly, NC Series standard bases are provided with key-hole slots for screw fixing direct to ceiling structures or conduit boxes. Large rear cable entry allows for easy wiring to the base.

For special applications a base accessory is available for surface installations, ensuring an easy and practical installation.

Ease of Wiring & Testing

Clearly marked terminals ensure correct and secure wiring termination for zone and remote indicator connections.

Ease of Use

Inserting the NC Series detector into the base is accomplished with a simple turn and lock mechanism. To prevent unauthorised removal of a detector from its base, an easy-to-activate locking mechanism is incorporated into all NC series detectors. If activated, a detector can only be released from its base using a dedicated tool.



Details

- Common first-fix mounting base for all white NC-Series detectors
- Pre-installed diode for BS5839 "head-out" support
- A selectable detector locking mechanism protects against unauthorised removal
- Large rear cable entry with ample space for cables
- Flexible installation fixture with first fix screw feature reduces installation time and effort
- Clearly visible terminal marking avoids incorrect cabling
- Robust, wiring terminals for easy installation
- Simple twist-and-lock detector action ensures the detector is properly inserted
- Dual contact points on every connector for reliable detector/base contact

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Technical specifications

General

Compatibility	NC-Series point detectors
Connectivity	2-wire zone and remote indicator

Electrical

Operating voltage	24 VDC (typical)
Cable specification	1.0 to 2.1 mm² (17 to 14 AWG) shielded or unshielded twisted-pair
No. of cable cores	2 for zone, 2 for remote indicator
Terminals	4

Output

Remote alarm output	Supported

Physical

Physical dimensions	100 x 16.5 mm (Ø x H)
Net weight	45 g
Colour	Traffic white (RAL9016)
Mounting type	Ceiling mount
Cable entries	1
Material (body)	ABS
Material (contacts)	Tin-phosphor bronze (QSn6.5-0.1)

Environmental

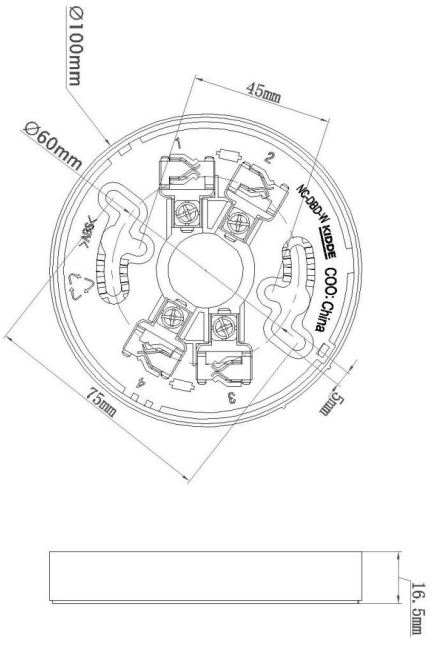
Vandal proof	No
Operating temperature	−10 to +65°C
Storage temperature	−30 to +75°C
Relative humidity	10 to 93% (noncondensing)
Environment	Indoor

Regulatory

Compliancy	CE, UKCA
Standards	EN54 (with relevant detector)

Compatible products

Category	Reference	Description
Detection device	NC-BA-SM-W	Conventional base accessory - Surface mount (White)
Detection device	NC-DPH-W	Conventional heat detector (white)
Detection device	NC-DPM-W	Conventional multisensor fire detector (White)
Detection device	NC-DPO-W	Conventional optical smoke detector (White)



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