KE-DB3010B

Excellence series intelligent detector accessory - standard base

General

The innovative Excellence range of intelligent addressable devices offers advanced features for reliability and peace of mind. Coupled with features for ease of installation and maintenance on new fire detection systems, it's a perfect match for exceptional overall performance.

The KE-DB3010B is an Excellence series, graphite black surface mount first-fix base allowing any Kidde Excellence addressable point detector to be inserted, removed or replaced without rewiring using an easy twist and lock action. An optical "floating" visual illusion blends the Excellence series detector into any environment beautifully.

The KE-DB3010B is supplied with a labeling tag that may be inserted at two locations around the base. Larger tags may also be ordered separately.

Ease of Installation

Forming an integral part of the detector assembly, this standard base is provided with key-hole slots for screw fixing directly to ceiling structures or conduit boxes. Large rear cable entry and cable entry from the side allows for flexible and easy wiring to the base.

For special applications a multitude of base accessories are available for recess and surface installations, ensuring easy and practical installations.

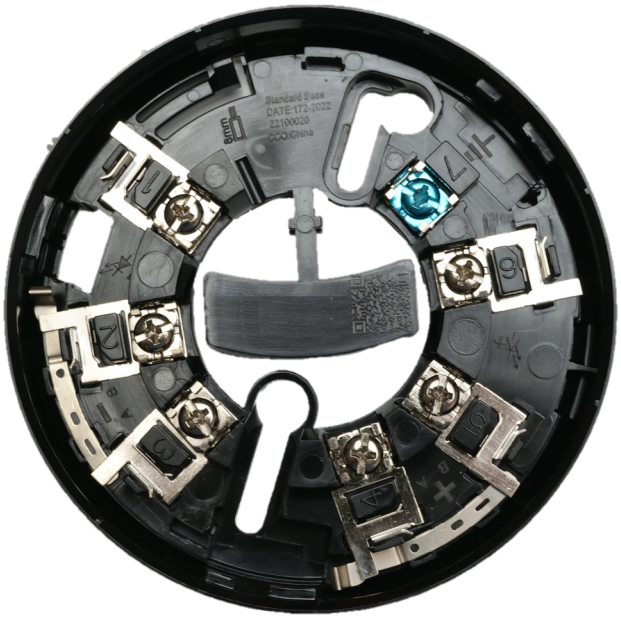
Ease of Wiring & Testing

Clearly marked and colour coded terminals with captive screws ensure correct and secure wiring termination for loop connections and optional cable screening. Remote indicator support is available.

As Excellence series devices support integrated isolators on-board, provision is made in the base for bridging isolation cable breaks when a detector is not fitted. This allows pre-installation cable continuity testing and maintains continuity when a detector is removed from its base.

Ease of Use

Inserting the Excellence series detector into the base is simplified by indications on the base showing the insert and lock positions, and by visual, haptic and audible feedback. To prevent unauthorised removal of a detector from its base, an easy-to-active locking mechanism is incorporated into all detectors. If activated, a detector can only be released from its base using a dedicated tool.



Details

- Includes an address tag for device labeling
- Dual address tag locations avoids base alignment to make tags visible
- A selectable detector locking mechanism protects against unauthorised removal
- Large rear cable entry with ample space for cables
- Side cable entry and exit possibilities without additional fixture requirements
- Flexible installation fixture with first fix screw features reduce installation time and effort
- Colour coded screen terminal for easy identification
- Clearly visible terminal marking avoids incorrect cabling
- Cable cut-length template in the base
- Robust, wire ready wiring terminals with captive clamping washers for quick installation
- Isolation bridges included allows loop measurements without devices installed
- Detector insert location and locked position indications facilitates visual cueing of the device, saving time and adding surety
- Simple twist-and-lock detector action with clip action audible feedback 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	Kidde Commercial Excellence series point detectors
Connectivity	2-wire loop, earth & remote indicator

Electrical

Cable specification	1 to 2.5 mm Ø / 0.8 to 5.2 mm² / AWG 18 to 10
No. of cable cores	2
Terminals	7 (A+, A-, B+, B-, Screen, RI+, RI-)

Physical

Physical dimensions	100 x 17 mm (Ø x H)
Net weight	55 g
Mounting type	Ceiling mount
Cable entries	5 side, 1 rear
Material (body)	Polycarbonate
Colour	Black (RAL 9011)

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, REACH, RoHS 3, WEEE
Certification	CE

Compatible products

Category	Reference	Description
Detection device	KE-DP3021B	Excellence series intelligent addressable dual optical/heat detector
Detection device	KE-DP3121B	Excellence series intelligent addressable dual optical/heat detector with isolator

As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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