NC-DBR-B

Conventional relay base (Black)

General

The NC-DBR-B is a graphite black, NC series surface mount first-fix relay base offering one change over relay. It allows any NC Series conventional point detector to be inserted, removed or replaced without rewiring using an easy twist and lock action. The added potential free relay function allows for low cost control to non-critical functions such as door release, air conditioning shutdown or elevator control without the need for additional device installation. The status of the relay is associated with the alarm situation of the associated detector.

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 relay 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.



Détails

- Common first-fix mounting base for all black NC-Series detectors
- Single potential free contacts for easy external function control
- 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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Spécifications techniques

Général

Compatibilité	NC-Series point detectors
Tension de réenclenchement	< 1 VDC
Réinitialiser l'heure	Linked to detector
Connectivité	2-wire zone and NO/COM/NC contacts

Électrique

Type de bloc d’alimentation	Zone alimentée
Tension de fonctionnement	9.5 to 28 VDC (24 VDC typical)
Consommation de courant	Excluding detector ≤10uA (standby) ≤10mA @ 9.5 VDC (active)
Cable specification	1.0 to 2.1 mm² (17 to 14 AWG) shielded or unshielded twisted-pair
Nbre de fils conducteur	2 for zone
Bornes	7 used (3 Zone in/out + COM, NO, NC)

Sortie

Quantité des sorties	1
Type de sortie et classe	Single pole, change over, 1 A @ 30 VDC / 0.5 @ 125 VAC (resistive) /

Caractéristiques physiques

Dimensions physiques	100 x 21.3 mm (Ø x H)
Poids net	70.1 g
Couleur	Graphite black (RAL 9011)
Type de montage	Montage au plafond
Entrées de câble	1
Matériel (boîte)	ABS
Centres de fixation	2 (45 to 75 mm)

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	−20 to +65°C
Température de stockage	−30 to +75°C
Humidité relative	10 to 93% (noncondensing)
Environnement	Intérieur
Indice de protection	IP3x

Régulateur

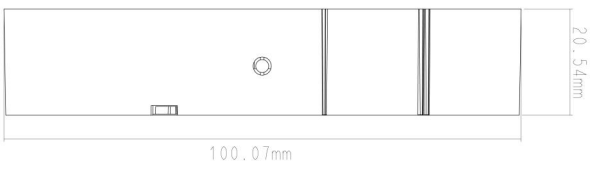
Conformité	CE, REACH, RoHS 3, WEEE

Physical

Material (contacts)	QSn6.5-0.1 (Tin-phosphor bronze)

Produits compatibles

Catégorie	Référence	Description
Module de détection	NC-BA-PD	
Module de détection	NC-DPO-B	



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