# NC-BA-PD

## Conventional base accessory - Presence Detection

### General

The NC-BA-PC is an NC-Series surface mount relay base accessory. It allows for the additional supervision of any NC-series detector to confirm that it is present in the base.

### Installation

The NC-BA-PD is connected to the NC-series relay base via 2 colour coded cables supplied with the unit. Two additional white cables allow for the supervision of a potential free contact on any third party input.

A protection sleave protects all electronic components on the NC-BA-PD from damage damage. This allows the device to be easy inserted inside a cable tray, pushed inside the ceiling void or added to the NC-series surface base accessory without the need for any additional fasteners.

### Operation

The potential free contact CLOSES when the detector is fitted to the base, and OPENS when the detector is removed.



### Details

- Easy addition to any NC-series base
- Protected by heat shrink for general purpose use
- Allows presense detection for any NC-Series conventional detector when connected to unsupervised control systems

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## Conventional base accessory - Presence Detection

## Technical specifications

### General

| | |
|---|---|
| Compatibility | NC-Series point detector bases |
| Reset voltage | < 0.5 V |
| Reset time | > 1 s |

### Electrical

| | |
|---|---|
| Power supply type | 12 VDC |
| Operating voltage | 9 to 15 VDC (12 VDC typical) |
| Current consumption | < 25 mA at 12 VDC |
| Cable specification | 0.5 mm² |
| No. of cable cores | 2 |

### Detection

| | |
|---|---|
| Detection principle | Voltage supply |
| Response time | > 1s |

### Input

| | |
|---|---|
| Input quantity | 1 |
| Input type and rating | DC Power |

### Output

| | |
|---|---|
| Output quantity | 1 |
| Output type and rating | Potential free contact, 0.25W |

### Physical

| | |
|---|---|
| Physical dimensions | 40 x 18 x 12 mm (l x w x h) - without cables |
| Net weight | 40 g |
| Colour | Black |
| Mounting type | Accessory |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -20 to 60°C |
| Storage temperature | -30ºC to +75ºC |
| Relative humidity | 10 to 93% noncondensing |
| Environment | Indoor |
| Protection | PVC Sheath |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | NC-BA-SM-W | Conventional base accessory - Surface mount (White) |
| Detection device | NC-DB2R-W | Conventional dual relay base (White) |
| Detection device | NC-DBR-W | Conventional relay base (White) |

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