

Features

- One form C relay as part of the base assembly
- Relay rating: 2A @ 30VDC, 0.5A @ 125VAC
- Works independent of the sensors attached
- May be mapped to any device connected to the Control Panel
- LED to indicate that the unit is active
- Separation included in the base for high and low voltage and power limited/non-power limited connections
- Terminals accept 22 to 12 AWG wire sizes
- Supports Class A, Class X and Class B wiring
- Does not require SLC Loop address
- Product includes a 5 year warranty
- UUKL Listed for Smoke Control



Description

The Addressable Relay Base 6" (PAD100-RB) is combination sensor base with a relay module included. The base has a locking feature for the sensor that may be used or removed in the field. Once the head is removed, the relay is accessible in the bottom of the unit.

The PAD100-RB provides one form C relay output. The relay is rated for 2A @ 30 VDC, and 0.5A at 125VAC. The PAD100-RB provides for separation of high voltage and non-power limited connections from the power limited Signaling Line Circuit (SLC). The PAD100-RB does not consume an SLC address and does not require an auxiliary power source.

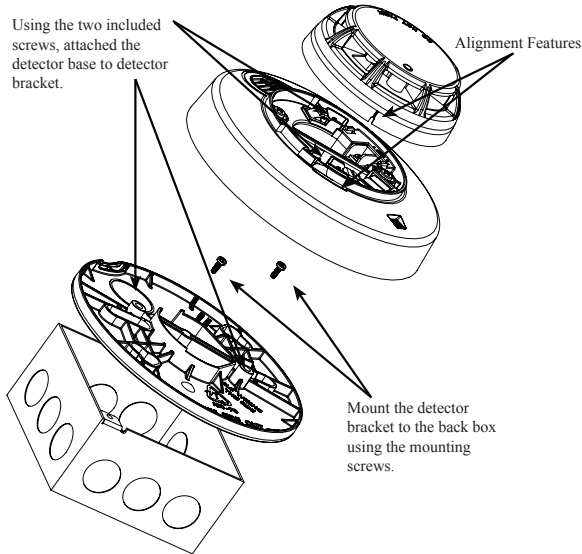
Technical Specifications

Working Range for SLC	24 VDC
Active Indicator	1 LED
Contact Output Style	1 form C (N.C / COM / N.O)
Contact Rating	2A @30VDC, 0.5A @125VAC
Installation temperature range	32°F to 120°F (0°C to 49°C)
Operating relative humidity range	0% to 93% (Non-condensing)
Maximum number of devices per zone	127
Color	Eggshell White
Dimensions (without detector)	Height: 0.75 in (19mm) Diameter: 6.3 in (166 mm)

Detector Base Mounting

PAD100-RB should be mounted directly on the electrical box. The mounting holes are configured for a single gang, double gang, octagon or 4" square box. See Fig. 1.

Fig. 1



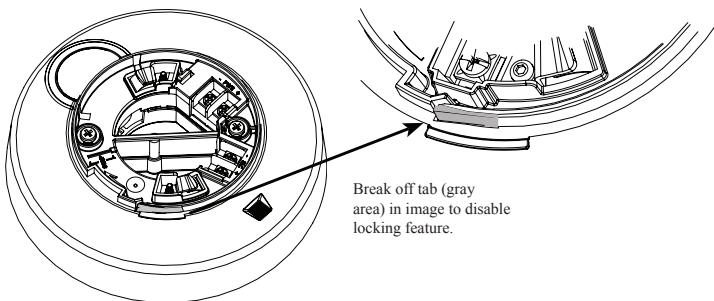
Locking Feature

Eliminate the Locking Feature

PAD100-RB include a locking feature that prevents removal of the detector and removal of the base cover without using a tool.

1. To eliminate this feature, break off the locking tab, and then install the detector. See Fig. 2.

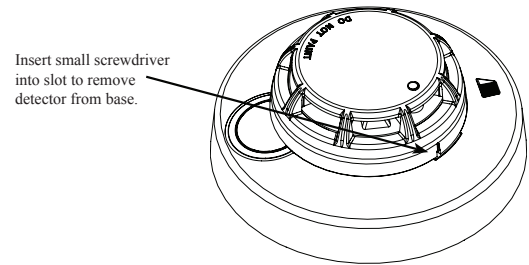
Fig. 2



Removing of Detector Head from Base

2. To remove the detector from the base once the locking feature has been activated, insert a small screwdriver into the slot on the base to push the plastic tab while simultaneously turning the detector head counter-clockwise See Fig. 3.

Fig. 3



3. To remove the base cover from the lower enclosure once the locking feature has been activated, insert a small screwdriver into the slot on the on the base to push the plastic tab while simultaneously turning the detector head counter-clockwise.

Ordering Information

Model	Description	Stock No.
PAD100-RB	Addressable Relay Base	3992728