Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/25/14

Rate-of-Rise and Fixed Temperature Heat Detectors

280B-PL Series

FEATURES

- Low profile with base
- Positive fixed temperature operating indication
- On site testing of rate-of-rise feature

AGENCY APPROVALS

- UL Listed
- FM Approved
- CSFM Listed

SPECIFICATIONS

- Single circuit normally open contact rated at 3 amps at 6 to 125V AC; 1.0 amps at 6 to 28V DC, 0.3 amps at 125V DC, and .01 amps at 250V DC
- Maximum coverage 2,500 sq. ft. (232.25 sq. m)
- UL spacing: 50 ft (15.24m)
- FM spacing: 30 ft (9.14m)
- Color - white

The 280B-PL Series heat detectors offer fixed temperature or combination rate-of-rise and fixed temperature features. The heat detector is available with a white plastic reversible mounting plate. The plastic plate can be used for either flush or surface mounting. It includes a white skirt which covers the space between detector base and the mounting surface.

*NOTE: Maximum detector coverage has been determined by UL to provide detection time equal to sprinkler devices spaced at 10 ft (3.05m) intervals on a smooth ceiling 15 feet 9 inches (4.8m) high. Higher ceilings may adversely affect detection time. Earlier detection may be obtained by reducing the spacing between detectors. (See NFPA 72, Chapter 5)

Detector twists and locks onto mounting plate. Mounting plate may be surface mounted or mounted onto any 3 1/4" (83mm) or 4" (102mm) octagon box.

90 Fieldstone Court | Cheshire, CT 06410
Ph: 203.699.3300 | Fx: 203.699.3108
www.edwards-signals.com

Edwards Signaling & Security Systems®

© Copyright 2004 Edwards

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/25/14

TECHNICAL INFORMATION

Surface Mount

Flush Mount

Flush mounting
using 3 1/2" or 4" octagonal
1 1/2" deep electrical outlet box
(not supplied)

Skirt Mou

Mounting using
6253 skirt (not supplied)
with 3 1/2" or 4" octagonal
1 1/2" deep electrical outlet box
(not supplied)

Reversible plastic mount-
ing plate (supplied)*

Cat. No.	Description	Rate-of-Rise Rating	UL Temp. Rating °F	UL Max. Ambient Ceiling Temp. Rating °F
281B-PL	ROR & Fixed	15°F/min.	135	100
282B-PL	ROR & Fixed	15°F/min.	194	150
283B-PL	Fixed	—	135	100
284B-PL	Fixed	—	194	150

D-04

© Copyright 2004 Edwards

Edwards Signaling & Security Systems®
90 Fieldstone Court | Cheshire, CT 06410
Ph: 203.699.3300 | Fx: 203.699.3108
www.edwards-signals.com