



## 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.

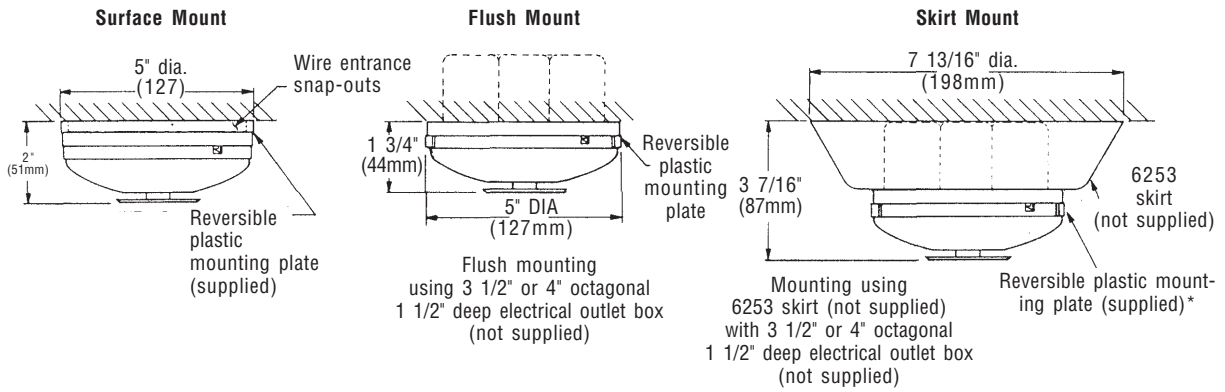
\*NOTE: Maximum detector coverage has been determined by UL to provide detection time equal to sprinkler devices spaced at 10 ft (3.05m) intervals on a smooth ceiling 15 feet 9 inches (4.8m) high. Higher ceilings may adversely affect detection time. Earlier detection may be obtained by reducing the spacing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

D-04



## TECHNICAL INFORMATION



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