

SD500-PS and SD500-PSDA Addressable Fire Pull Station Installation Instructions

The SD500-PS is a single action addressable fire pull station and the SD500-PSDA is a dual action addressable fire pull station. The SD500-PS and SD500-PSDA are a normally open initiating point that is compatible with Honeywell Silent Knight and Farenhyt Series addressable fire alarm control panels (FACP).

The SD500-PS/PSDA are designed for indoor use in non-explosive environments. Used to activate a non-coded alarm instantly.

An on-board status LED is visible from the front of the pull station. The LED flashes to indicate proper communication with the FACP (approximately every 30 seconds).



Specifications

Parameter		Rating
Max. Line resistance		50Ω
Max. Alarm Current	One device in alarm 23mA. 46 mA for two devices in alarm.	.5 mA for each additional device in alarm.

Parameter		Rating
Max. Voltage		33 V
Operating Temperature		0° to 49° C (32° to 120° F)
Dimensions	5-1/8" H x 3-1/16" W x 1.5" D	

Operation

To activate the fire pull station:

1. Grab the top of the pull station where it is labeled "PULL".
2. Pull the cover plate out and down.

To reset the pull station:

1. Insert key into the lock.
2. Turn the key clockwise.
3. Close the cover plate.
4. Turn the key counter clockwise.

Wiring to the SD500-PS/PSDA

Wire the SD500-PS as shown in Figure 1.

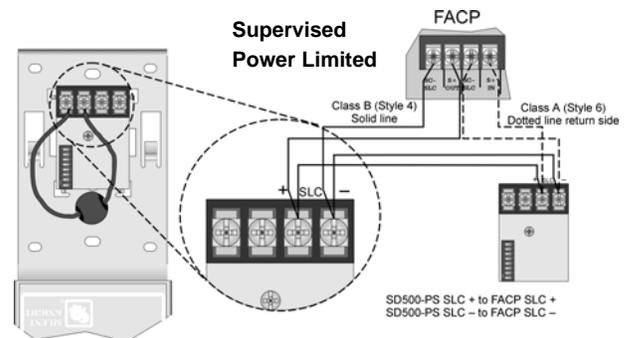


Figure 1: Fire Pull Station Wiring

Mounting the SD500-PS/PSDA

The pull station mounts to a standard single gang electrical switch box or a surface mount back box P/N PS-SMBB (sold separately). See Figure 2.

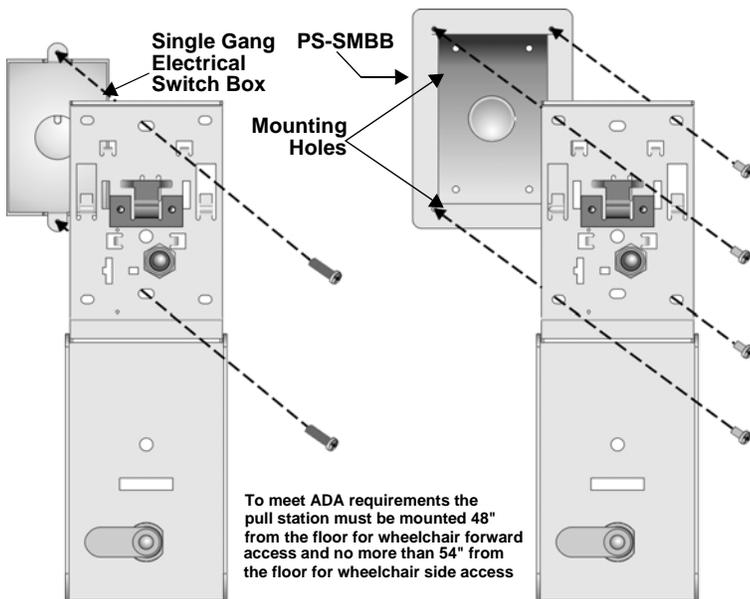


Figure 2: Mounting the Fire Pull Station

Installing The SD500-LK

The SD500-LK is used to convert the SD500-PS (single action pull station) to a SD500-PSDA (Dual action pull station). Refer to Figure 3 to install the SD500-LK Dual Action Conversion Kit.

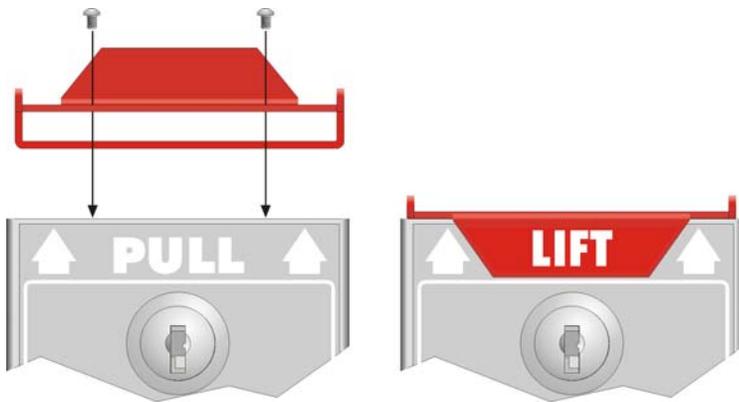


Figure 3: SD500-LK Installation

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