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

The SD500-PS is an 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Rating</th>
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<tbody>
<tr>
<td>Max. Line resistance</td>
<td>50Ω</td>
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<tr>
<td>Max. Alarm Current</td>
<td>One device in alarm 23mA. 46 mA for two devices in alarm.</td>
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<tr>
<td>Operating Temperature</td>
<td>0° to 49° C (32° to 120° F)</td>
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<tr>
<td>Dimensions</td>
<td>5-1/8&quot; H x 3-1/16&quot; W x 1.5&quot; D</td>
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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.

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.
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