

850 Series Fire Alarm Pull Station

Description

The DMP 850 Series Fire Alarm Pull Station is a high quality, die-cast metal manual pull station available in either single action (850S) or dual action (850D, pictured) models with SPST contacts and terminal strip connections. The normally open contact, which closes when the pull station is activated, is rated for 1 Amp @ 30 VDC. The contacts are gold plated to avoid the risk of corrosion. The 850 Series has been tested by UL for compliance to the latest requirements of the Americans with Disabilities Act (ADA).



Mounting

The 850 Pull Station may be surface mounted with a DMP Model 850-SB Surface Backbox, a DMP Model 850-WP Weatherproof Backbox, or flush-mounted on a standard single-gang switch box. When mounting the 850 Pull Station, be sure to follow all local codes and regulations. To comply with ADA standards, the pull station must be mounted less than 48" above the floor for front wheelchair access and less than 54" above the floor for side wheelchair access.

Surface Mounting

The surface-mount installation uses a red diecast or sheet metal backbox with 4 predrilled mounting holes of 0.187" diameter. A size 8 or smaller screw can be used to attach the backbox to a wall. After mounting, attach the conduit to the backbox. The cast backbox has an opening for the conduit that is tapped for a 1/2 NPT fitting that may be oriented at the top or bottom of the box when attached to the wall. The sheet metal backbox has knockouts for attaching conduit.

Flush Mounting

Flush-mount installations may be attached to a standard single-gang switch box (not supplied by DMP). The only difference between a surface-mount installation and a flush-mount installation is two 6-32 screws that are placed through the slots that are centered on the metal mounting plate.

Installing the Breakrod

The pull station housing is locked using a key lock. Unlock the housing by turning the key clockwise and swing down the front, exposing the sheet metal mounting plate. Mount the metal plate to the backbox using the four 8-32 x 1/4" supplied screws. When a breakrod is used, move the PULL handle to a 45° angle to the housing face. Insert a breakrod into the cavity below the PULL handle. Place the PULL handle back to the normal position (flush to the housing). While holding the PULL handle in place, move the housing to the upright position and lock. The pull station is now ready for operation. Additional breakrods, DMP Model 850-AR, can be purchased from DMP and are available in packages of 12.

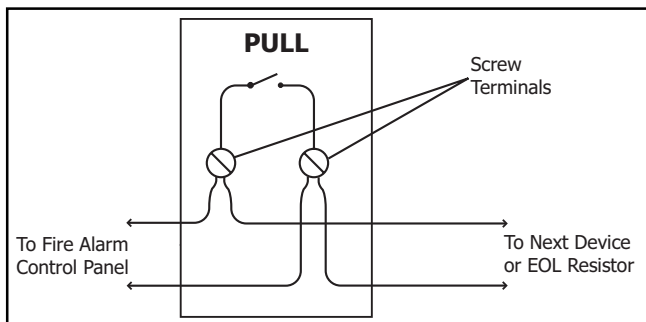


Figure 1: 850 Pull Station Wiring

Wiring

Field wiring is connected to the terminal block as show in Figure 1. The wire should not be wrapped around the terminal, but placed under the clamping plate.

Specifications

Switch Rating 1 Amp @ 30 VDC

Dimensions

 Pull Station 4.75" H x 3.25" W x 1.1" D

 Mounting Box 4.75" H x 3.25" W x 2.25" D

Color Red with Raised White Letters, with a White Pull Handle with Raised Red Letters