INTELLIGENT MANUAL PULL STATION

DESCRIPTION

The Intelligent Manual Pull Station, P/N 20-1063/20-1064, is a state-of-the-art, dual-action (i.e., requires two motions to activate the station) pull station that includes an addressable interface (mounted inside) for Fike's intelligent CyberCat® and Cheetah® Xi control panels. Because the pull station is addressable, the control panel can display the exact location of the activated device. This leads fire service personnel quickly to the location of the alarm. The isolator version, P/N 20-1064, provides complete short circuit isolation for NFPA 72, Class X wiring.

FEATURES

- Aesthetically pleasing, highly visible, dual-action design
- Meets ADA 5 lb. maximum pull force
- Easily operated (dual-action)
- Attractive shape and textured finish
- When the handle latches in down position, the word "ACTIVATED" appears at the top of the handle in bright yellow to clearly indicate the station has been operated
- Key/lock reset; needs only a 1/4-turn to lock/unlock
- Includes Braille text on station handle
- Captive screw terminals wire-ready for easy connection to SLC loop (accepts up to 12 AWG/3.1 mm² wire)
- Meets UL 38, Standard for Manually Actuated Signaling Boxes
- Maintenance personnel can open station (for inspection and testing) without causing an alarm condition
- Built-in multi color LED, which is visible through the handle of the station, flashes green in normal operation and latches on steady red when in alarm

ELECTRICAL SPECIFICATIONS

Normal Operating Voltage:	15 - 30VDC
Standby Current:	370 µA. max. Average (continuous broadcasts)
Maximum Alarm Current:	2 mA (red Led on)
Temperature Range:	32°F – 120°F (0°C – 49°C)
Relative Humidity Range:	10% - 93% non-condensing

INSTALLATION

The 20-1063/20-1064 can be semi-flush mounted into a single-gang, double-gang, or standard 4.0" (10.16 cm) square electrical outlet box, or surface mounted.

CONSTRUCTION

Shell, door, and handle are molded of durable LEXAN® (or polycarbonate equivalent) with a textured finish.

OPERATION

Pushing in, then pulling down on the handle causes it to latch in the down/activated position. Once latched, the word "ACTIVATED" (in bright yellow) appears at the top of the handle, while a portion of the handle protrudes from the bottom of the station. To reset the station, simply unlock the station with the key and pull the door open. This action resets the handle; closing the door automatically resets the switch.

Manual stations connect with two wires to one of the control panel SLC loops. Each manual station, on command from the control panel, sends data to the panel representing the state of the pull station switch. IR tool allows address setting (01-254).

PRODUCT LINE INFORMATION

20-1063/20-1064 Dual-action addressable pull station. Includes key lock/reset feature.

APPROVALS:

- UL - S6239
- FM
- CSFM - 7150-0900:0144

DIAGRAM

NOTE - Opening the pull station door will *not* activate or deactivate the alarm switch.

NOTE - LED is visible through translucent handle.

LED OPERTION
Normal: Flash RED
Alarm: Steady Red

LOOP   ADDRESS

LED

NORMAL
ACTIVATED

SLC FROM FACP
SLC TO NEXT ADDRESSABLE DEVICE

1 2 3 4

STRIP GAUGE

FIRE

PUSH IN
PULL DOWN

Fike