Features

Manual fire alarm stations for releasing applications:
- Double action push and pull operation with a normally open (N.O.) contact
- Current limited model is available with series connected 560 Ω resistor for Style C operation (current limited = alarm; open or short = trouble)
- Operation complies with ADA requirements
- Pull lever protrudes when alarmed
- Break-rod is supplied (use is optional)
- Label kit provides six varieties of releasing applications (ordered separately)
- Screw terminals for wiring connections

Tamper resistant reset key lock (keyed same as Simplex® fire alarm cabinets)

Multiple mounting options:
- Surface or semi-flush with standard boxes or matching Simplex boxes
- Flush mount adapter kit
- Adapters are available for retrofitting to commonly available existing boxes

UL listed to Standard 38

Operation

Double Action Push Type Manual Release Stations require that a spring loaded interference plate (marked PUSH) be pushed back to access the pull lever of the single action station, reducing the possibility of an accidental activation. A firm downward pull of the lever then activates the alarm switch, breaking an internal plastic break-rod, visible below the pull lever.

Break-rod use is optional. Use of a break-rod can provide an additional reduction of the possibility of an accidental activation without interfering with the minimum pull requirements needed for easy activation.

When activated, the pull lever latches into the alarm position and remains extended out of the housing to provide a visible indication.

Station reset requires the use of a key to reset the manual station lever and deactivate the alarm switch. (If the break-rod is used, it must be replaced.)

Station testing is performed by physical activation of the pull lever. Electrical testing can be also performed by unlocking the station housing to activate the alarm switch.

Label Selection

A blank area on the front of the station allows the selection of a label to match the specific release application (label kit is ordered separately).

(Refer to data sheet S2099-0007 for standard Simplex manual stations.)

* This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listing 7150-0026:175 for allowable values and/or conditions concerning material presented in this document. It is subject to re-examination, revision, and possible cancellation. Accepted for use – City of New York Department of Buildings – MEA35-93E. Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Safety Products Westminster.
Product Selection

Double Action, Push Operation, Manual Release Stations

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>2099-9149</td>
<td>Standard operation, N.O. contact</td>
<td>Manual release station, red housing with white letters and white pull lever; requires label kit 4099-9802</td>
</tr>
<tr>
<td>2099-9152</td>
<td>For Style C operation, N.O. contact with series connected 560 Ω resistor</td>
<td></td>
</tr>
<tr>
<td>4099-9802</td>
<td>Label kit; select the label required for the specific release application; types include: Clean Agent, Extinguishing, Carbon Dioxide, Foam System, Sprinkler, and Manual</td>
<td></td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>2975-9178</td>
<td>Surface mount red box Steel</td>
<td>Refer to page 3 for dimensions</td>
</tr>
<tr>
<td>2975-9022</td>
<td>Surface mount red box Cast aluminum</td>
<td></td>
</tr>
<tr>
<td>2099-9813</td>
<td>Semi-flush trim plate for double gang switch box, red</td>
<td>Typically for retrofit, refer to page 4 for details</td>
</tr>
<tr>
<td>2099-9814</td>
<td>Surface trim plate for Wiremold box V5744-2, red</td>
<td></td>
</tr>
<tr>
<td>2099-9819</td>
<td>Flush mount adapter kit Black</td>
<td>Refer to page 4 for details</td>
</tr>
<tr>
<td>2099-9820</td>
<td>Flush mount adapter kit Beige</td>
<td></td>
</tr>
<tr>
<td>2099-9804</td>
<td>Replacement break-rod</td>
<td></td>
</tr>
</tbody>
</table>

Specifications

- Wire Connections: Screw terminal for in/out wiring, for 18 to 14 AWG wire (0.82 mm² to 2.08 mm²)
- Temperature Range: 32° to 140° F (0° to 60° C) intended for indoor operation
- Humidity Range: Up to 90% RH at 90° F (38° F)
- Housing Color: Red with white raised lettering
- Material: Housing and pull lever are Lexan® polycarbonate or equal
- Pull Lever Color: White with red raised lettering
- Housing Dimensions: 5" H x 3-3/4" W x 1" D (127 mm x 95 mm x 25 mm)

Semi-Flush Mounting Reference

Single Gang Box Mount

Single gang box, 2-1/2" deep (64 mm), RACO #500 or equal (supplied by others)

4" Square Box Mount

4" (102 mm) square box, 2-1/8" (54 mm) minimum depth, RACO #231 or equal (supplied by others)

Mount flush or with 1/16" (2 mm) maximum extension

DO NOT RECESS
Preferred Mounting. For surface mounting, the preferred electrical boxes are shown in the illustration to the right.

Additional Mounting Reference. Refer to page 4 for Wiremold box mounting compatibility.
For retrofit and new installations, additional compatible mounting boxes and the required adapter plates are shown in the illustration to the right.

Flush Mounting Information

Flush mount adapter kit
2099-9819, Black
2099-9820, Beige

Hole cutout must be a minimum of 6" H by 5" W (152 mm by 127 mm)

Box must be recessed into wall 1" to 1-1/8" (25.4 mm to 29 mm)

4-11/16" (119 mm) square box, 2-1/8" (54 mm) minimum depth (by others)

Front View

Side View

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