Features

Common mechanical and electrical features:

- Rugged cast metal construction
- Terminal connections for In/Out Wiring
- Visible break rod provides status indicator; optional, not required for operation
- Standard operation station will mount semi-flush on a single gang box, 2 1/2 in. deep
- Operation is compliant with ADA requirements
- Listed to UL Standard 38

Models are available with:

- Single action operation with SPST contacts
- Dual action PUSH operation with SPST contacts
- Explosion-proof/weather-proof operation with DPDT contacts

Accessories:

- 2975-9211, weather-proof surface mount cast aluminum box, provides NEMA Type 3R rating**
- 2975-9212, indoor operation surface mount box

Description

Cast metal construction: For applications requiring cast metal construction, these non-coded manual stations provide a variety of models and operations. Single action stations are operated by pulling the handle. Dual action stations require that you push the top "PUSH" lever to grab the "PULL" lever.

Indication and reset: When pulled, the alarm condition is mechanically latched and indicated by the extended handle. You can reset by unlocking and opening the enclosure. A Simplex ® "B" key controls the lock, provided with each station.

Break rods: Stations include an optional replacement break rod. Break rod status is visible from the front of the station. The use of a break rod can be a deterrent to vandalism without interfering with the minimum pull requirements needed for activation.

Optional surface mount boxes match the contours of the stations and provide an attractive appearance. Model 2099-9144 includes both station and enclosure. Use of the 2975-9211 weatherproof box provides a NEMA 3R rating. NEMA 3R enclosures are for outdoor use, primarily for protection against rain and sleet, and ice formation on the exterior.



Figure 1: 2099-9138 Single Action Manual Station

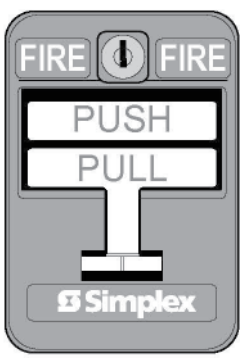


Figure 2: 2099-9139 Dual Action Manual Station



Figure 3: 2099-9144 Explosion-Proof and Weather-Proof Manual Station

* Refer to page 2 for additional agency listing references. This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. For non-explosion-proof models, see CSFM Listing 7150-0026:0215 for allowable values and/or conditions concerning material presented in this document. It is subject to re-examination, revision, and possible cancellation. 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 Fire Protection Products. ** NEMA 3R rating is achieved when used with weatherproof mounting box 2975-9211 and supplied gaskets.

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Product Selection

Table 1: Manual station models

Model*	Description
2099-9138	Single Action Station; SPST, N.O. contact
2099-9139	Dual Action Station with PUSH Lever; SPST, N.O. contact
2099-9144 **	Explosion-Proof & Weather-Proof Station with Enclosure; DPDT contacts; NEMA 4X rated; UL listed, FM and CSFM Approved for: Class I, Groups B, C, and D; Class II, Groups E, F, and G; also FM approved for Class III Groups E, F, and G

Note:

* UL, C-UL listing, and CSFM approval is under model numbers shown except as noted. For other listing agencies, reference Signal Communications Corporation (SIGCOM), model Series SG-32. Accepted for use – City of New York Department of Buildings – MEA 382-94-E Volume II (SIGCOM).

** For listings, reference Signal Communications Corporation (SIGCOM) model Series SGX-32; CSFM ref. 7151-1408:0112.

Table 2: Accessories (model 2099-9144 includes enclosure, separate box is not required)

Model	Description
2975-9211	Red Weatherproof Box; cast aluminum construction with gasket kit, required for NEMA 3R rating
2975-9212	Red Surface Mount Box; stamped steel construction
2099-9829	Twelve replacement break rods

Specifications

Table 3: Standard application stations

Specification	Rating
Contact ratings (resistive)	UL, C-UL, & CSFM = 1 A @ 30 VDC or 125 VAC; FM = 1 A @ 30 VAC/VDC
Operation with 2975-9211 box	Temperature range = -40°F to 150°F (-40°C to 66°C); suitable for outdoor applications; NEMA 3R rated
Operation with 2975-9212 box	Temperature range = 32°F to 140°F (0°C to 60°C); intended for indoor applications Humidity range = up to 90% RH at 90°F (32°C)

Table 4: Explosion-Proof & Weather-Proof (Model 2099-9144)

Specification	Rating
Contact ratings	1 A @ 30 VDC, resistive; 10 A @ 120 VAC, resistive
Temperature range	-67°F to 302°F (-55°C to 150°C); suitable for outdoor applications; rated NEMA 4X

Table 5: General specifications (all models)

Specification	Rating
Wiring connections	Terminal blocks for IN/OUT wiring, up to 14 AWG (2.08 mm^2)
Housing and handles	Cast zinc; both PUSH and PULL handles
Colors	Red housings with white levers and white raised lettering
Additional information	Refer to Installation Instructions supplied with product

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Mounting and dimension reference

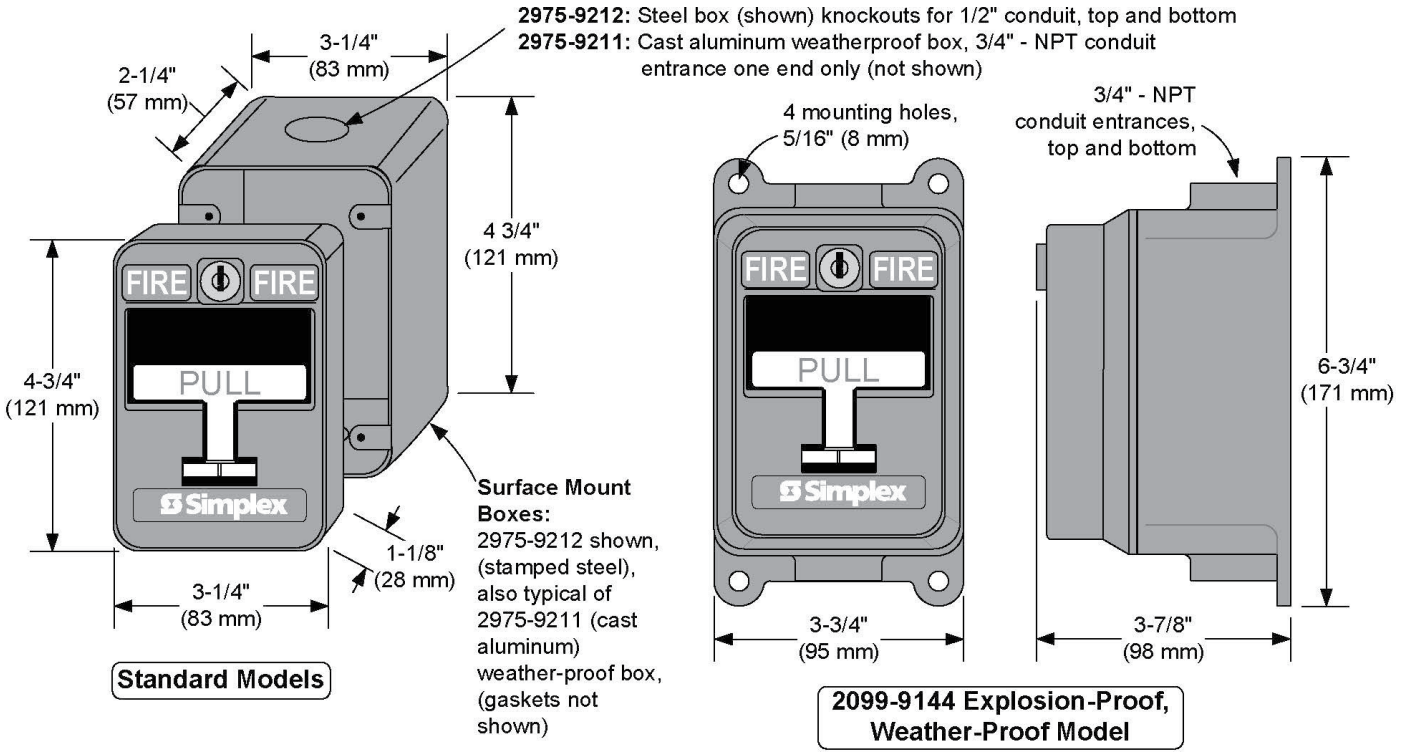


Figure 4: Mounting and dimension reference image

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