PROTECTOWIRE®
FireSystems

SG/SGX Series
Manual Fire Alarm Pull Stations

Features

- Single and dual action models.
- Terminal connections.
- Optional auxiliary contacts.
- All metal construction.
- Key operated reset.
- Acrylic break rod.
- Special ID label for releasing systems.
- Explosion-proof and Weatherproof models available.

Description

The SG-42 is a high quality, non-coded fire alarm station which is available in either single or dual action models. The attractive die-cast metal housing is finished in a high-gloss red enamel with raised white letters which enables fast recognition in emergency situations. All models in the series have been tested by UL for compliance with the pull force requirements of the Americans with Disabilities Act (ADA).

Operation is accomplished by simply pulling the handle on the front of the station down as far as it will go. On the dual action model, the PUSH bar rotates inward allowing the PULL handle to be operated in a one-handed motion. This action closes the station's normally open switch. Once activated, the handle locks into a horizontal position to give a visual indication that the station has been operated. The switch remains energized until the station is manually reset by opening the front cover with a key, placing the handle in the normal upright position, resetting the toggle switch and re-locking the station. This method ensures that the station cannot be reset by accident or by unauthorized personnel. Use of the acrylic break rod is optional and is not required for normal operation.

All SG-42S models are provided with a normally open SPST switch. The SG-42CX model is supplied with two sets of contacts that can be configured as either normally open or normally closed depending on how the switch wires are connected to the terminal block. The SG-42 models mount on a standard single gang back-box, and are provided with terminal connectors and a key operated reset feature. For extinguishing system applications, a field installed special identification label that reads "FIRE SYSTEM RELEASE" is also provided. In order to accommodate a wide range of installation requirements, a red surface mounted interior backbox, Model SGB-32S, and a surface mounted weatherproof backbox with gasket, Model SG-WP, are also optionally available.

The SGX-32 models are die-cast metal, explosion-proof stations available in either single or dual action configurations. They are UL Listed and Factory Mutual Approved for use in hazardous environments and NEMA 4X weatherproof applications. The SGX-32 models have a DPDT switch with terminal connectors. The contacts are rated for 1 amp at 30 VDC, and 10 amps at 120 VAC.

Specifications

• Switch rating SG-42 models: 2 amps @ 125 VDC, 2 amps @ 240 VAC
• Pull Station Dimensions: 4 3/4" H x 3 1/4" W x 1" D; SGX models – 6 5/16" H x 3 1/4" W x 3 7/8" D
• SGB-32S/SG-WP Backbox Dimensions: 4 3/4" H x 3 1/4" W x 2 1/4" D
• All models are supplied with one acrylic breakrod, one key, and a special label.
• Classifications for SGX-32 models only: Class I, Division 1, Groups B, C, and D; Class II, Division 1, Groups E, F, and G;
   Class III, Division 1 (FM) hazardous locations; NEMA 4X, weatherproof applications; and UL Marine Listed.
• Operating temperature range: -40° to 150°F (-40° to 66°C), 90% relative humidity @ 100°F (38°C)
• SGX-32 conduit fittings: two 3/4 in. - 14 NPT

Ordering Information

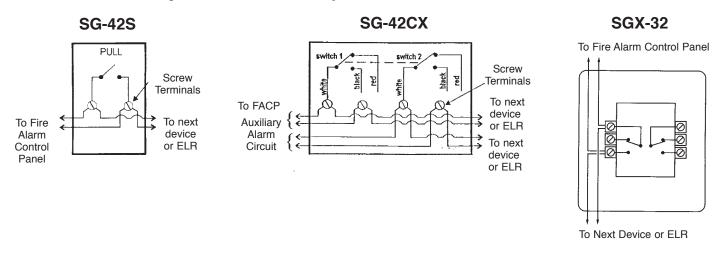| Model No.	Single Action	Dual Action	SPST	SPDT	DPDT	Explosion-proof
SG-42SK2	X	–	X	–	–	–
SG-42SK1	–	X	X	–	–	–
SG-42CXK2	X	–	–	X(2)	–	–
SGX-32SK2	X	–	–	–	X	X
SGX-32SK1	–	X	–	–	X	X

Accessories

SGB-32S*   Red interior surface backbox for SG-42 models with two 3/4 in. knockouts.
SG-WP*   Weatherproof backbox for SG-42 models (NEMA-3R rated) with one tapped hole for 3/4 in. NPT fitting.
SG-GR   Acrylic breakrods (1 dozen/pack)

Not applicable for SGX Explosion-proof models which come complete with appropriately rated backbox.

Approvals

• UL & cUL Listed • Factory Mutual • City of New York #MEA-382-94-E
• Calif. State Fire Marshal Listing #7150-1408:107 • ADA Compliant

SG-42S

SG-42CX

SGX-32

SPECIAL HAZARD FIRE DETECTION SYSTEMS