SGX-32SK1

EXPLOSION-PROOF MANUAL PULL STATION

P/N: 19037

Features

- Special Hazard Protection
- Marine and NEMA 4X Ratings
- Dual Action
- DPDT Alarm Contacts
- Terminal Connections
- Key Lock Reset

MARINE c(UL)us LISTED   FM APPROVED   MEA   ADA

Description

The SGX-32K1 is a high-quality, die-cast metal manual alarm station, UL Listed and Factory Mutual Approved for use in hazardous locations (explosion-proof). The special SGX-32K1 model contains enhanced component features that allow the SGX-32K1 station to operate reliably within the uniquely difficult environs found in transportation tunnels. The SGX-32K1 is approved for use in Class I, Division I, Groups B, C and D; Class II, Division I, Groups E, F and G and Class III.

The station enclosure is approved for indoor and outdoor use, NEMA 4X applications and is Marine rated. It is designed specifically for compliance with all applicable ADA requirements (Americans with Disabilities Act; 28 CFR Part 36). SGX-32K1 stations can be operated with a single hand without tight grasping, pinching or twisting of the wrist. The force required to operate the station has been tested by Underwriter's Labs for compliance with the 5 lbf pull force. When properly installed, the SGX-32K1 will protrude less than 4 inches into halls, corridors, etc. no matter the height at which it is installed.
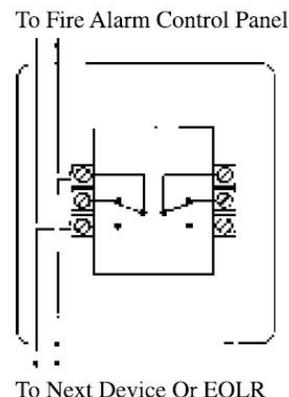
The SGX-32K1 has a dual action configuration. Station alarm contacts are DPDT, rated 10 amps @ 125 VAC and 1 amp @ 30 VDC. The alarm contacts are gold plated for corrosion resistance. Each SGX-32K1 is configured with terminal connections and a key reset.

The SGX-32K1 may be configured with stainless steel components that provide enhanced protection when used in extreme corrosive environments. (Consult the factory for more information.)

Operation

With the dual action configuration of the SGX-32K1, the bar marked "PUSH" rotates inward allowing the "PULL" bar on the front of the station to be grasped and operated by a single hand, pulling the bar as far down as it will go. At that point, the station will lock in place and is easily visible from up to 50 feet. The activation bar is reset by opening the station with the key provided, placing the bar in the normal upright position and then relocking the station.

Wiring Diagram

To Fire Alarm Control Panel

To Next Device Or EOLR

Specifications

Explosion Hazard Classifications:	Class I, Division 1, Groups B, C and D Class II, Division 1, Groups E, F and G Class III
Environment Classification:	NEMA 4X (weather-proof), Marine Rated
Temperature:	- 40º to 150º F (- 40º to 66º C)
Humidity:	90% Relative Humidity at 100º F
Weight:	4.8 lbs (kg)
Dimensions:	6 5/16" H x 3 1/4" W x 3 7/8" D
Color:	Face Plate – Red with raised white lettering Push/Pull Bar – White with raised red lettering
Alarm Contacts (DPDT) Rating:	1 amp at 30 VDC 10 amps at 125 VAC
Terminal Connects:	Up to 14 AWG
Conduit Fittings[1]:	2
Conduit Fitting Size:	3/4" – 14 NPT
Label Options[2]:	"FM-200 Release", "Fire Alarm", "CO2 Release", "Fire System Release"

[1] Unused conduit entry must be sealed with a 3/4 NPT pipe plug. All joints must be sealed using pipe thread sealing compound or Teflon tape in accordance with the requirements for the particular installation. Pipe plug and joint sealant are not provided.

[2] Each SG32-SK Station is shipped with all four label types.

Ordering Information

Model Number	Description	P/N
SGX-32SK1	Dual Action, Explosion-Proof Manual Releasing Station	19037
SG-GR01	12 pack of scored, plastic (acrylic) break-rods for spares or replacement	18954
CAT30 Key B	Key, Spare, CAT30 Key B, SIG Series	97978

Note: Approvals/Listings maintained by and manufactured by Signal Communications Corporation.

JANUS FIRE SYSTEMS®

1102 Rupcich Drive
Crown Point, IN 46307
TEL: (219) 663-1600 FAX: (219) 663-4562
e-mail: info@janusfiresystems.com
www.janusfiresystems.com