

# SPECTRUM Series Special Application Manual Alarm Stations

**\* ADA Compliant Design**



## Description

The SPECTRUM Series is a family of versatile, high quality metal pull stations for use indoors, outdoors or in hazardous locations. Spectrum stations are designed to meet special use requirements such as; weather alert, police call, door release and fire suppression activation. Station color options include: blue, yellow and green. Special application labeling options are available (consult factory).

Both standard and explosion-proof models are available in single and dual action configurations, with terminal strip connections and keyed reset. Models SG-32CXK and SG-36CXK are configured with 2-SPDT contacts, rated 1 Amp, 30 VDC. SPDT contacts are individually field-configurable for normally open or normally closed operation. Models SGX-32SK are supplied with DPDT contacts rated 10 Amp, 125 VAC and 1 Amp, 30 VDC. All contacts are gold plated to avoid risk of corrosion. All models in the SPECTRUM Series have been tested by ULI and found in compliance to the latest requirements of the Americans With Disabilities Act (ADA).

SG-32CXK and SG-36CXK mount on a standard single gang backbox, SigCom model SGB-32S interior surface metal backbox or model SGB-32C weatherproof backbox. SGB-32S and SGB-32C mounting boxes are available in blue, yellow and green.

Two versions of the dual action assembly are available for standard stations. The dual action function component (bar) can be assembled to read either "PUSH" or "EMERGENCY". Regardless of version, the pull station requires the user to perform dual actions in order to operate.

## Operation

Both standard and explosion-proof models operate by pulling the handle marked "PULL" on the front of the station 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 actuation handle is reset by opening the station with the reset key, placing the handle in the normal upright position and relocking the station. For dual action versions, the bar marked either "PUSH" or "EMERGENCY" rotates inward allowing the pull handle to be grasped and operated by a single hand.

## Features

- High-gloss enamel in Blue, Yellow or Green
- Special Application Labeling
- Standard and Explosion-Proof Models
- Single or Dual Action
- Normally Open or Normally Closed Alarm Contact Operation (standard models)
- Gold Plated Alarm Contacts
- Surface or Weatherproof Backbox (standard models)
- NEMA 4X and Marine Rated (explosion-proof models)
- Auxiliary Alarm Contacts



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## Specifications

### Explosion-Proof Models

Special Hazard Classifications	Class I, Division I, Groups B, C and D Class II, Division I, Groups E, F and G Class III (FM only)
Environmental Classification	NEMA 4X, Marine Rated
Temperature:	- 40° to 150°F
Humidity	90% Relative Humidity at 100° F

### Switch Ratings:

Standard Models	1 Amp @ 30 VDC 1 Amp @ 125 VAC
Explosion-proof Models	1 Amp @ 30 VDC 10 Amp @ 125 VAC

### Pull Station Dimensions:

Standard Models	4 3/4" H x 3 1/4" W x 1.1" D
Explosion-proof Models	6 5/16" H x 3 1/4" W x 3 7/8" D
<b>Standard Surface Backbox Dimension:</b>	4 3/4" H x 3 1/4" W x 2 1/4" D (cast and sheet metal)
Color:	Blue, Yellow or Green with raised white letters, white "PULL" bar with raised red letters. Dual action "PUSH" or "EMERGENCY" bar with raised red letters.

## Ordering Information

Model #	Single	Dual	"PUSH" Bar	"EMERGENCY" Bar
<b>Standard Models</b>				
SG-32CXK2-xx	X			
SG-32CXK1-xx		X	X	
SG-36CXK1-xx		X		X

Model #	Single	Dual
<b>Explosion-Proof Models</b>		
SGX-32SK2-xx	X	
SGX-32SK1-xx		X

### Accessories

SGB-32S-xx	Interior surface sheet metal backbox
SGB-32C-xx	(same as SG-WP) Weatherproof surface die-cast metal backbox and gasket assembly
SG-GR01	Scored plastic (acrylic) breakrods (1 dozen to a pack)

Suffix -xx shown for models above denotes the location for color specification. To specify color use BL (blue), YL (yellow) or GR (green) suffix. Example; for single action pull station in green order SG-32CXK2-GR. For matching surface backbox use SGB-32S-GR.



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