BG fire alarm call points range

Hazardous location, weatherproof

Overview

This range of alarm call points have been designed for use in hazardous areas and within harsh environmental conditions. The GRP enclosures are suitable for use onshore or offshore, where light weight combined with a high level of corrosion resistance is required.

The break glass model is available with an optional stainless steel lift flap for added protection along with an optional red LED that activates when the unit is operated to clearly demonstrate functionality.

European, Russian, Chinese and other worldwide approvals are available.
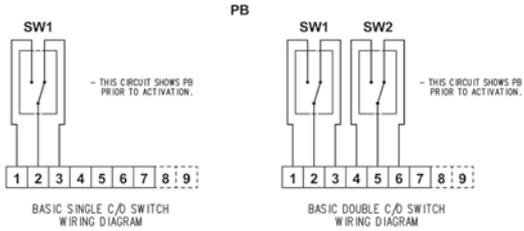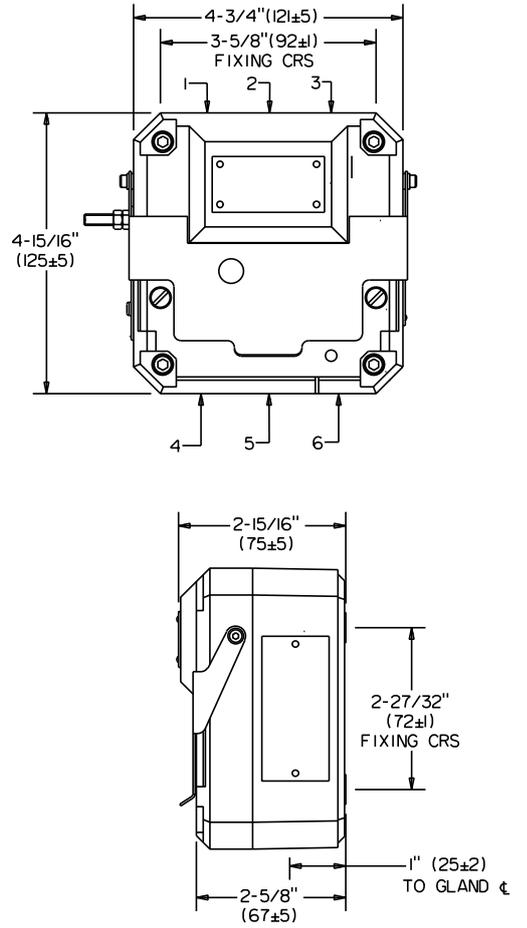
Features

- UL certified for USA and Canada:
  - Hazardous Locations
  - Class I, Div 2. Groups A,B,C & D
  - Class I, Zone 2
- ATEX certified
- Operating temperature:
  - -13ºF to +131ºF*
  - -25ºC to +55ºC*
- NEMA 4X & 6

- Corrosion resistant GRP
- In line and end of line resistors
- Optional Red LED to indicate operation
- Retained stainless steel cover screws
- Key operated test facility

  *Model dependent

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Certifications

UL Haz Locs	Listing no. E186629 UL listed to Class I, Div 2. Groups A,B,C & D and Class I, Zone 2
UL Ord Locs	Listing no. S8117. Fire alarm boxes

Specifications

Material	Glass reinforced polyester
Finish	Red painted finish as standard or to customers specification
Weight	2.6lbs / 1.2Kg (model dependent)
Certified temp	-13ºF to +131ºF (-25ºC to +55ºC) -13ºF to +122ºF (-25ºC to +50ºC) With resistors or LED fitted
Ingress protection	NEMA 4X & 6. IP66 & IP67
Input voltage	Up to 240V a.c.
Current	3A, 0-30Vdc: 1A, 30-50Vdc: 3A 240Vac (2A CSA): 0.05A with resistors
Terminals	6 x 12 AWG
Resistor values	Various configurations available on versions up to 24V,470R minimum
LED indication	A high intensity red LED can be fitted as an optional extra to indicate operation on versions up to 24V As standard the LED is not provided with over current protection. The forward current (If) should be limited to 20mA
Labels	Glass label - reads either: 1. Fire break glass - press here 2. Break glass - press here 3. Worded to customers requirements 7. Dot and arrows – no text Duty label - worded to customers requirements. Riveted on Tag label - worded to customers requirements. Screwed on
SIL	SIL 2 certified to IEC 61508. Cert no. Sira 11013

Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box

Model	Certification	Entries	Labels	Voltage	Switches	Options	Terminals	Finish
BG								

Certification	Code
UL listed	UL
UL (ordinary location)	UW

Label	Code
Glass label (1) reqd	1
Glass label (2) reqd	2*
Glass label (3) reqd	3*
Duty label reqd	4*
Tag label reqd	5*
Glass label (7) reqd	7

* Specify wording on 3, 4 or 5 as required

Swithes	Code
Single changeover	S
Double changeover	D

Terminals	Type
6 x 12 AWG	6

Entries	Code
1/2" NPT	*C

* Prefix entry size (see diagram above) with entry position e.g. 4C6C

Voltage	Code
a.c.	A
d.c.	D

Options	Code
None	N
LED	A
Lift flap	B
Resistor series	C*
Resistor EOL	D*
Resistor series and EOL	S*†
Plastic element replaces break glass	P
Break glass hammer	H

* Specify values
† Choose for BGE only - on the BGI/W, choose C & D

Finish	Code
Red (standard)	R
Natural black	N
Blue	B
Yellow	Y
Grey	G
Yellow/black stripes	X
Special	S*

* Please specify