BG3 range manual call point

Intrinsically safe (Ex ia), weatherproof

Overview

Weatherproof to IP66 and IP67 and available certified intrinsically safe, simple apparatus or uncertified.

The units are manufactured from glass reinforced polyester (GRP) which provides a robust, corrosion free construction and ensures effective and reliable operation in harsh industrial and offshore environments.

Units are supplied in natural red GRP or painted to customer specification. 'Burning House' duty label is provided as standard, other duty and tag labels may be supplied to customer specification.
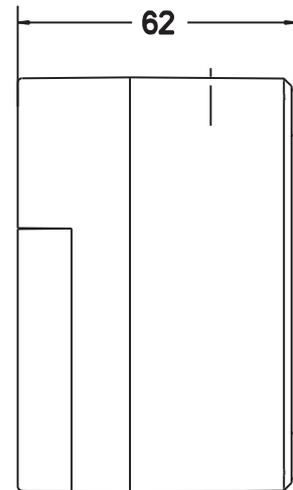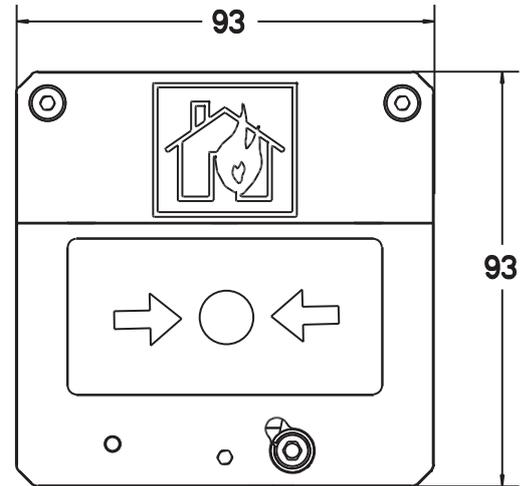
Features

- Zone 0, Zone 1 and Zone 2 use
- ATEX certified
- IP66 and IP67
- Certified temperature: –55ºC to +55ºC
- Corrosion free GRP
- Optional in line/end of line resistors/diodes
- Optional LED indicator
- Optional lift flap
- Key operated test facility
- Various body colours available

ATEX

Please check here for latest version of the datasheet

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Certification and specification

BG3I	
Protection	Explosion protected Ex ia dust-tight & weatherproof (intrinsically safe)
Certification	Cert. no BAS00ATEX1067X Certified to: EN50014, EN50020, EN50284 ATEX Ex ia IIC T4 Suitable for use in Zones 0, 1 & 2
Voltage	Up to 28V (IS)
Certified temperature	-55ºC to +55ºC
Ingress protection	IP66 & IP67
Terminals	6 x 4.0mm^2
Resistor values	470R minimum
LED indication	A high intensity red LED can be fitted as an optional extra to indicate operation on all 24V systems As standard the LED is not provided with over current protection. The forward current (If) should be limited to 20mA
Cable entries	2 x M20 top or bottom
Weight	0.5Kg
Material	UV resistant glass reinforced polyester
Finish	Natural red GRP or painted GRP to customer requirements
Duty/tag labels	Stainless steel as standard

BG3W	
Protection	Dust-tight & weatherproof
Certification	Not applicable
Voltage	Up to 250V a.c
Certified temperature	Not applicable
Ingress protection	IP66 & IP67
Terminals	6 x 4.0mm^2
Switch ratings	30Vdc 3A 30-50Vdc 1A 250Vac 3A
Resistor values	270R minimum
LED indication	A high intensity red LED can be fitted as an optional extra to indicate operation on all 24V systems As standard the LED is not provided with over current protection. The forward current (If) should be limited to 20mA
Cable entries	2 x M20 top or bottom
Weight	0.5Kg
Material	UV resistant glass reinforced polyester
Finish	Natural red GRP or painted GRP to customer requirements
Duty/tag labels	Stainless steel as standard

General arrangement drawing (all dimensions in mm)

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** | **Labels** | **Options** | **Entries** | **Finish**

BG3

Certification	Code
Weatherproof	W
Ex ia	I

Label	Code
Glass label	
Fire break glass 'press here'	1
Break glass 'press here'	2
Special	3*
European standard	4
Duty label (special)	5*
Burning house as standard	
Tag label	6*

*Specify wording

Options	Code
None	N
Resistor series	S*
Resistor EOL	E*
Diode	D
Polycarbonate lift flap	F
Stainless steel lift flap	C
LED	L
Double changeover	T
Plastic element (replaces break glass)	P

* Please specify

Entries	Code
2 x M20 (bottom)	B
2 x M20 (top)	T

For blanking plugs add "P" to code. e.g. BP, 2 x M20 bottom entries with one blanking plug

Finish	Code
Natural red	R
Blue	B
Green	G
White	W
Yellow	Y
Special	S*

* Please specify