

BG2 range manual call point

Ex de, Ex ia, weatherproof



Overview

This manual fire alarm call point has been designed for use in flammable atmospheres and harsh environmental conditions.

The GRP enclosure is suitable for use offshore or onshore where lightweight combined with a high level of corrosion resistance is required.

Features

- Zone 0, Zone 1 and Zone 2 use
- Ex de, Ex ia or weatherproof
- ATEX approved - Ex II 1GD (Ex ia)
- Ex II 2GD (Ex de)
- IP66 and IP67
- Certified temperature from -40°C to +70°C*
- Corrosion resistant red painted GRP
- Retained stainless steel cover screws
- Optional lift flap
- Key operated test facility
- Lightweight and robust

*Model dependent

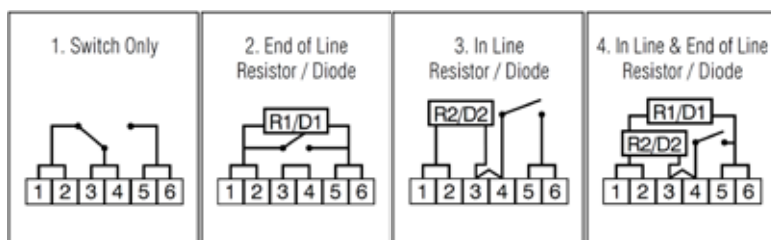


Certifications

| | |
|-------------------|--|
| ATEX Ex de | Cert. no. BAS02ATEX2105X. ATEX Approved Ex II 2GD Certified to: EN60079-0, EN60079-1, EN60079-7, EN60079-31 Ex d e IIC T6 Gb, Ex tb IIIC T85°C Db (switch only) Ex d e mb IIC T4 Gb, Ex tb IIIC T135°C Db (with resistors & diodes) |
| ATEX Ex ia | Cert no. Baseefa 03ATEX0084X. ATEX Approved Ex II 1 GD Certified to: EN60079-0, EN60079-11 Ex ia IIC T4 Ga, Ex ia IIIC T135°C Da |

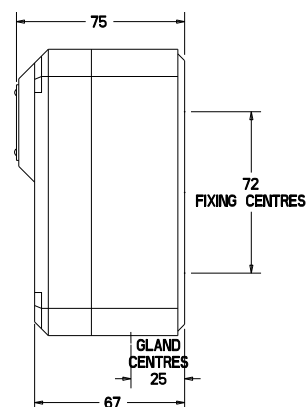
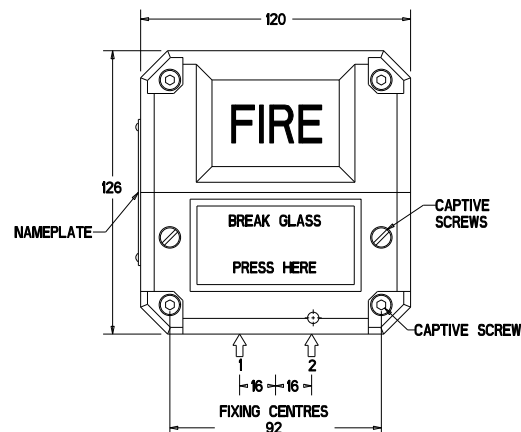
Specifications

| | |
|---------------------------|---|
| Material | Anti static UV resistant glass reinforced polyester |
| Finish | Painted red |
| Certified temp | -40°C to +70°C |
| Voltage | Up to 250Vac. Up to 50Vdc (model dependent) |
| Weight | 1.2Kg |
| Ingress protection | IP66 and IP67 |
| Cable entries | 2 x M20 bottom |
| Terminals | 6 x 2.5 mm ² |
| Resistors values | Ex de - 100Ω minimum, 39 KΩ maximum Ex ia - 470Ω minimum |
| Switch ratings | Switch only 30Vdc 5A (resistive) or 3A (inductive) 30-50Vdc 1A (resistive or inductive) 250Vac 5A (resistive or inductive) Resistor(s) 24Vdc 0.05A |



ALL CIRCUITS SHOWN WITH GLASS INTACT

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 | | Options | | Flap | | Finish | |
|-------------------------|-------------|----------------------------------|-------------|--------------------------|-------------|---------------|-------------|
| <div></div> | | <div></div> | | <div></div> | | <div></div> | |
| Model | Code | Options | Code | Flap | Code | Finish | Code |
| BG2W - ac or dc | BG2WNN | Switch only | 1 | Fitted | F* | Red painted | R |
| BG2I - Up to 28V (I.S.) | BG2INN | End of line resistor | 2* | Not fitted | N | | |
| BG2E - dc | BG2EDC | In line resistor | 3* | *Polycarbonate lift flap | | | |
| BG2E - ac | BG2EAC | In line and end of line resistor | 4* | | | | |
| | | Diode (specify location & value) | 5 | | | | |

*Specify resistor values

The Eaton BG range of manual alarm call point caters for numerous options such as variety of colours, LED indication, earth continuity, double switch, etc. See separate catalogue sheet for details



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