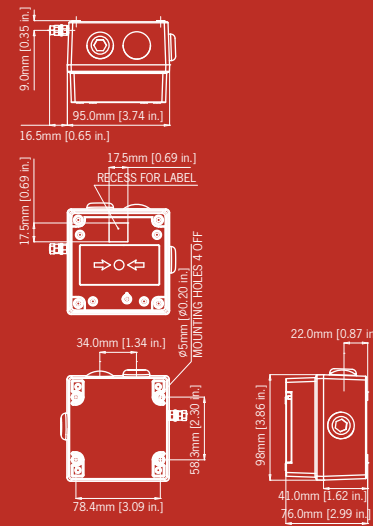# IS-CP4A/B-BG  Break Glass Call Point

**The IS-CP4A-BG and IS-CP4B-BG break glass manual call points are approved for Zones 0, 1, 2, 21 & 22 requiring intrinsically safe equipment for the control of fire and gas alarm systems. Available with and without monitoring resistors all versions are certified to ATEX and IECEx standards.**

The IS-CP4 range features enclosures manufactured from corrosion proof, marine grade, copper free LM6 (A413) aluminium which is phosphated and powder coated.

## Part Codes:

| | |
|---|---|
| Type: | IS-CP4A-BG<br>IS-CP4B-BG |
| Terminals: | ST: Standard<br>DR: DIN rail (only on IS-CP4B) |
| Lift Flap: | LF: Lift Flap<br>NF: No Flap (default) |
| Duty Label: | NL: No label (default)<br>DL: Duty Label Specify content when ordering. |
| Colour: | RD: Red (default)<br>Contact sales for other colour options |
| E.O.L Resistor: | ExxxR: xxx: Res. value e.g.: E470R<br>Only available on IS-CP4B version |
| Series Resistor: | SxxxR: xxx: Res. value e.g.: S2K2R<br>Only available on IS-CP4B version |

e.g. IS-CP4A-BG-ST-LF-NL-RD
: IS-CP4A Break glass call point with standard terminals, lift flap and no duty label. Red housing

e.g. IS-CP4B-BG-DR-NF-NL-RD-24V-E470R
: IS-CP4B Break glass call point with DIN rail terminals, no lift flap, no duty label, 24V supply voltage with a 470 Ohm end of line resistor. Red housing.

## Versions:

### IS-CP4A-BG

| | |
|---|---|
| Category: | II 1G Ex ia IIC T6 Ga<br>II 2D Ex t IIIC T60°v C Db<br>IP66<br>Ta = -40°C to +55°C |
| Input Parameters: | Ui = 30V<br>Ii = 500mA<br>Pi = 1.1W<br>Ci = 0<br>Li = 0 |
| Monitoring Resistors: | N |
| Terminals: | 6 x 4mm² |
| Cable entries: | 2 x M20 Top/Bottom<br>1 x M20 Left/Right |
| Weight: | 0.8Kg |

### IS-CP4B-BG

| | |
|---|---|
| Category: | II 1G Ex ia IIC T4 Ga<br>II 2D Ex t IIIC T70°C Db<br>IP66<br>Ta = -40°C to +55°C |
| Input Parameters: | Ui = 30V<br>Ii = 500mA<br>Pi = 1.1W<br>Ci = 0<br>Li = 0 |
| Monitoring Resistors: | Y |
| Terminals: | 6 x 4mm² or 8 x 2.5mm² DIN rail |
| Cable entries: | 2 x M20 Top/Bottom |
| | 1 x M20 Left/Right |
| Weight: | 0.8Kg |

## Specification:

| | |
|---|---|
| IS-CP4A-BG: | II 1G Ex ia IIC T6 Ga<br>II 2D Ex t IIIC T60°C Db<br>IP66 |
| IS-CP4B-BG: | II 1G Ex ia IIC T4 Ga<br>II 2D Ex t IIIC T70°C Db<br>IP66 |
| Ambient: | Ta = -40°C to +55°C |
| Ingress protection: | IP66 |
| Housing material: | Marine grade copper free LM6 Aluminium |
| Housing finish: | Phosphated & powder coated finish: anti-corrosion. |
| Colour: | RAL3000 Red<br>(others available on request) |
| Cable entries: | 2 x M20 clearance top and 1 x M20 clearance side.<br>Back box can be rotated to give 2 x bottom and 1 x side entries. |
| Stopping plugs: | 2 x nylon plugs as standard<br>Brass and stainless steel plugs optional |
| Terminals: | 6 x 4.0mm² cables. |

## Options:

- Alternative housing colours are available to meet specific requirements.
- DIN rail mounted terminal blocks: 8 x 2.5mm²
- Stainless Steel lift flap
- Metalised Polyester "Duty" label.
- Series and/or End of Line resistors.

## Approvals:

- ATEX certificate: SIRA 09ATEX2287X,
  IEC 60079-0:2007 Ed 5, EN 60079-11:2007,
  EN 60079-26:2007,
  EN 61241-1:2004

- IECEx certificate: IECEx SIR 09.0122X,
  IEC 60079-0:2007-10 Edition: 5,
  IEC 60079-11:2006 Edition: 5,
  IEC 60079-26:2006 Edition: 2,
  IEC 61241-1:2004 Edition: 1

- GOST-R certificate: POCC GB.JB05.B03365