IS-CP4A-BG/IS-CP4B-BG Break Glass Call Point

e2s
warning signals

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.

Options

- Alternative housing colours are available to meet specific requirements.
- Stainless Steel lift flap
- Metalised Polyester "Duty" label.
- Series and/or End of Line resistors.

Approvals

- ATEX certificate: SIRA 09ATEX2287X, EN 60079-0 : 2012, EN 60079-11 : 2012,
  IEC 60079-26 : 2014, EN 60079-31 : 2014

- IECEx certificate: IECEx SIR 09.0122X, IEC 60079-0 : 2011, IEC 60079-11 : 2011,
  IEC 60079-26 : 2014, IEC 60079-31 : 2013

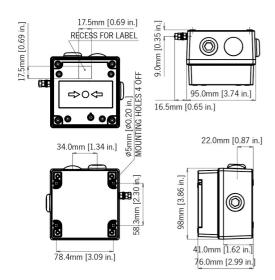- GOST-R certificate: POCC GB.JB05.B03365

Dimension drawings with labels:
- 17.5mm [0.69 in.]
- RECESS FOR LABEL
- 17.5mm [0.69 in.]
- 9.0mm [0.35 in.]
- 95.0mm [3.74 in.]
- 16.5mm [0.65 in.]
- 34.0mm [1.34 in.]
- Ø5mm [Ø0.20 in.] MOUNTING HOLES 4 OFF
- 58.3mm [2.30 in.]
- 78.4mm [3.09 in.]
- 22.0mm [0.87 in.]
- 98mm [3.86 in.]
- 41.0mm [1.62 in.]
- 76.0mm [2.99 in.]

Specification

IS-CP4A-BG:	II 1G Ex ia IIC T6 Ga
	II 2D Ex tb IIIC T60°C Db
	IP66
IS-CP4B-BG:	II 1G Ex ia IIC T4 Ga
	IP66
Ambient:	Ta = -40°C to +55°C [-40°to +131°F]
Ingress protection:	IP66
Housing material:	Marine grade copper free LM6 Aluminium
Housing finish:	Phosphated & powder coated finish: anti-corrosion.
Colour:	RAL 3000 Red (others available on request)
Cable entries:	2 x M20 clearance top and 1 x M20 clearance side. Back box can be rotated to give 2 x bottom and 1 x side entries.
Stopping plugs:	2 x nylon plugs as standard Brass and stainless steel plugs optional
Terminals:	6 x 4.0mm² cables
Weight:	0.8Kg

Part Codes

Option:	Code:	Description:
Type:	IS-CP4A-BG	A type - no end of line devices
	IS-CP4B-BG	B type - choice of end of line devices
Terminals:	ST	ST: Standard 6 x 4mm²
Lift flap:	LF	Lift flap
	NF	No lift flap
Duty label:	NL	No duty label
	DL	Duty label required - specify contents
Colour:	RD	Red enclosure colour
	XX	Other enclosure colour - contact sales
E.O.L. Resistor:	ExxxR	Resistor value in Ohms e.g. E470R = 470 Ohm (only required for IS-CP4B type)
Series Resistor:	SxxxR	Resistor value in Ohms e.g. E1K5R = 1.5K Ohm (only required for IS-CP4B type)

e.g. IS-CP4A-BG-ST-LF-NL-RD

IS-CP4A Break glass call point with 6 x 4mm² terminals, lift flap and no duty label. Red housing

e.g. IS-CP4B-BG-ST-NF-NL-RD-E470R

IS-CP4B Break glass call point 6 x 4mm² terminals, no lift flap, no duty label, with a 470 Ohm end of line resistor. Red housing.

Versions

Version:	Input:	Voltage:	Terminals:	Cable entries:
IS-CP4A-BG	Ui = 30V	250V ac Max.	6 x 4mm²	2 x M20
	Ii = 500mA	5.0A Max.		Top/Bottom
	Pi = 1.1W	50V dc Max.		1 x M20
	Ci = 0	1.0A Max.		Left/Right
	Li = 0			
Coding:	II 1G Ex ia IIC T6 Ga Ta = -40°C to +55°C			
	II 2D Ex tb IIIC T60°v C Db IP66			

Version:	Input:	Terminals:	Cable entries:
IS-CP4B-BG	Ui = 30V	6 x 4mm²	2 x M20
	Ii = 500mA		Top/Bottom
	Pi = 1.1W		1 x M20
	Ci = 0		Left/Right
	Li = 0		
Coding:	II 1G Ex ia IIC T4 Ga Ta = -40°C to +55°		