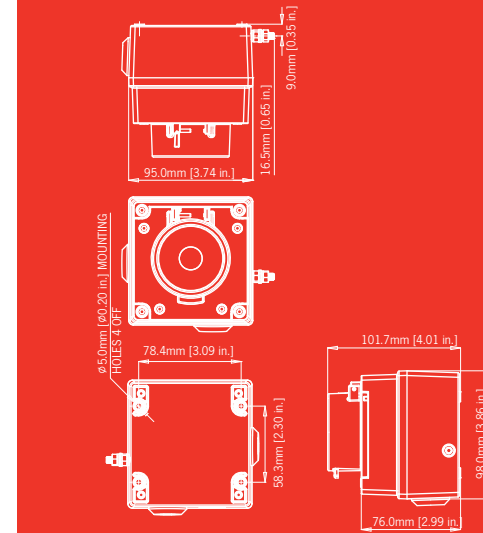# IS-CP4A/B-PB Push Button Call Point

The IS-CP4A-PB and IS-CP4B-PB push button 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 push button mechanism is protected by a spring loaded cover therefore the switch requires a two-action activation. The product is user resettable by rotating the push button.

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

e.g. IS-CP4A-PB-ST-NL-RD
: IS-CP4A Push Button call point with standard terminals and no duty label. Red housing

e.g. IS-CP4B-PB-DR-NL-RD-E470R
: IS-CP4B Push Button call point with DIN rail terminals, no duty label, with a 470 Ohm end of line resistor. Red housing.

Versions:

IS-CP4A-PB

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

IS-CP4B-PB

Category:	II 1G Ex ia IIC T4 Ga II 2D Ex t IIIC T70°C Db IP66 Ta = -40°C to +55°C
Input Parameters:	Ui = 30V Ii = 500mA Pi = 1.1W Ci = 0 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-PB:	II 1G Ex ia IIC T6 Ga II 2D Ex t IIIC T60°C Db IP66
IS-CP4B-PB:	II 1G Ex ia IIC T4 Ga II 2D Ex t IIIC T70°C Db 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 (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.

Options:

- Alternative housing colours are available to meet specific requirements.
- DIN rail mounted terminal blocks: 8 x 2.5mm²
- 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

GOST-R