IS-CP4A-PT/IS-CP4B-PT Tool Reset Call Point

e2s
warning signals

The IS-CP4A-PT and IS-CP4B-PT push button, tool resettable, 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. SIL 2 compliant to IEC 61508 (2010).

The push button mechanism is protected by a spring loaded cover therefore the switch requires a two-action activation. The push button is user resettable via the use of the special key supplied with the unit. The IS-CP4 range features enclosures manufactured from corrosion proof, marine grade, copper free LM6 (A413) aluminium which is chromated and powder coated. Available with and without monitoring resistors all versions are certified to ATEX and IECEx standards.

Options

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

Approvals

- ATEX certificate: SIRA 09ATEX2287X,
- IECEx certificate: IECEx SIR 09.0122X,
- GOST-R certificate: POCC GB.JB05.B03365
- SIL 2 compliant to IEC 61508 (2010)

Specification

IS-CP4A-PT:	II 1G Ex ia IIC T6 Ga II 2D Ex tb IIIC T60°C Db IP66
IS-CP4B-PT:	II 1G Ex ia IIC T4 Ga IP66
Ambient:	Ta = -40°C to +55°C [-40° to +131°F]
Ingress protection:	IP66
Enclosure material:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromated & 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 × 4.0mm² cables
Weight:	0.8Kg

Part Codes

Option:	Code:	Description:
Type:	IS-CP4A-PT IS-CP4B-PT	A type – no end of line devices B type – choice of end of line devices
Switch Type: [s]	S	SPCO/SPDT
Terminals: [t]	S	6 × 4mm² terminals
Lift flap: [l]	L	Lift flap
Cable Entry Type: [e]	A B C D E F G	3 x M20x1.5mm 2 × 1/2'' NPT – adaptors 2 × 3/4'' NPT – adaptors 2 x M25x1.5mm – adaptors 1 × 1/2'' NPT – adaptor 1 × 3/4'' NPT – adaptor 1 x M25x1.5mm – adaptor
Stopping plug material: [m]	B N P S	Brass Nylon Nickel Plated Brass Stainless Steel
Duty label / Equipment tag: [d]:	1 2 3 4 5 6 7	No Duty label, no Equip. tag Duty label Stainless Steel Duty label St/St + Equip. tag Duty label Metalised Polyester Duty label M. Poly. + Equip. tag Equip. tag only Special label requirement
Product version: [v]	A1	IECEx & ATEX approved
Enclosure colour: [x]	R, B, N, Y, V, S, K, M, Z	Red, Blue, Green, Yellow Red/White, Yellow/Black, Black, Magenta, Red/Black
E.O.L.Module: [Exxx] optional	ExxxR	Resistor value in Ohms e.g. E470R = 470 Ohm (only required for IS-CP4B type)
Series Module: [Sxxx] optional	SxxxR	Resistor value in Ohms e.g. E1K5R = 1.5K Ohm (only required for IS-CP4B type)

Versions

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

27 Mar 2020