ATEX Call Point– Push Button

Model WCP-PB

Model WCP-PB push button manual call points are approved for Zone 1, 2, 21 and 22 hazardous areas 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 WCP-PB range features enclosures manufactured from corrosion proof, marine grade, copper free LM6 (A413) aluminium which is phosphated and powder coated.

FEATURES:

- Zone 1, 2, 21 and 22 hazardous area approved
- Works as a control for fire and gas alarm systems
- Spring loaded cover protects push button
- Requires two-action activation
- User resettable
- Manufactured from corrosion proof, marine grade, copper free LM6 aluminum
- Certified to ATEX and IECEx Standards

APPROVALS:

- ATEX certificate: Sira10ATEX3103X
- IECEx certificate: IECEx SIR 10.0047X

  EN 60079-0:2006/IEC 60079-0:2007
  EN 60079-1:2004/IEC 60079-1:2003
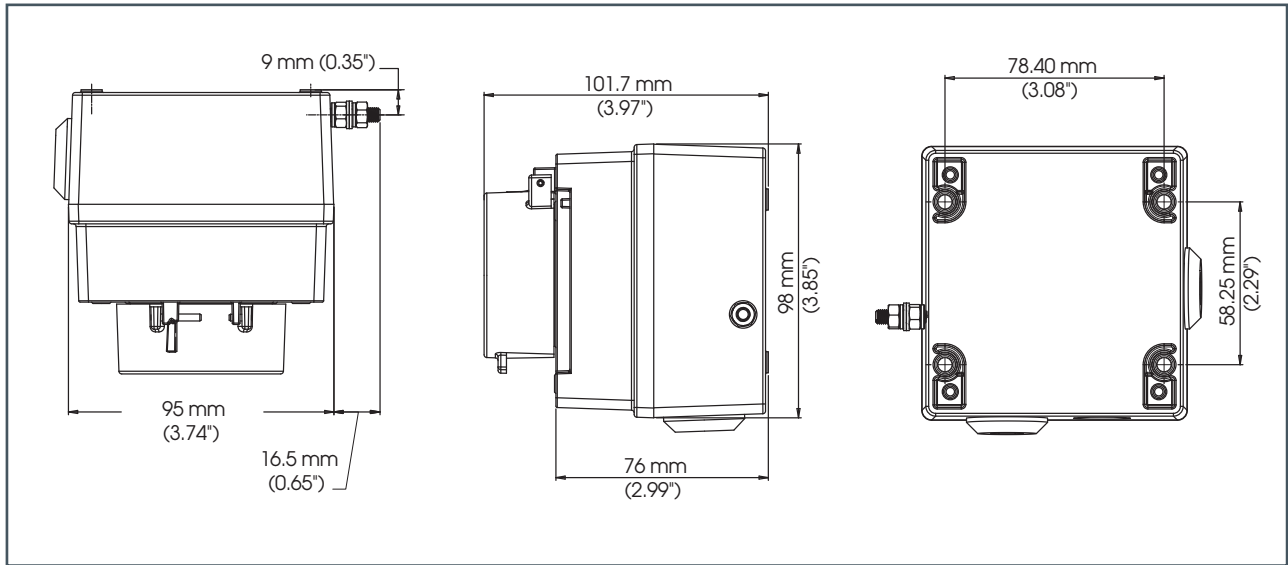 EN 60079-7:2007/IEC 60079-7:2006
  EN 60079-18:2004/IEC 60079-18:2006

  EN 61241-0:2006/IEC 61241-0:2004
  EN 61241-1:2004/IEC 61241-1:2004

Model:	Category:	Voltage:	Switch Rating:			Monitoring Resistors:	Terminals:	Cable Entries:	Weight:
WCP-PB	II 2G Ex e d IIC T6 Gb II 2D Ex tb IIIC T60°C Db IP66 Ta = -40°C to +55°C	250V ac Max.	5.0A Max.			N	6 x 4mm²	2 x M20 Top/Bottom 1 x M20 Left/Right	0.8Kg
		50V dc Max.	1.0A Max.						
WCP-PB-XXX*	II 2G Ex e d mb IIC T4 Gb II 2D Ex tb IIIC T75°C Db IP66 Ta = -40°C to +50°C	56V dc Max. Rating: <50V: 1.0A >50V: 0.75A	Nominal Voltage:	Maximum Voltage:	Min. EOL / Series Value:	Y	6 x 4mm² or 8 x 2.5mm² DIN rail	2 x M20 Top/Bottom 1 x M20 Left/Right	0.8Kg
			48V	56V	1K8				
			24V	28V	470R				
			12V	15V	120R				
			6V	9V	47R				

*XXX is a placeholder for end-of-line and/or series resistor that must be included at time of order.

ATEX CALL POINT PUSH BUTTON (WCP-PB)

SPECIFICATIONS

WCP-PB:	II 2G Ex e d IIC T6 Gb II 2D Ex t IIIC T60ºC Db IP66	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.
WCP-PB-XXX:	II 2G Ex e d m b IIC T4 Gb II 2D Ex t IIIC T75ºC Db IP66	Stopping plugs:	2 x Exe nylon plugs as standard Brass and stainless steel plugs optional
Ambient:	Ta = -40ºC to +55ºC (+50ºC for WCP-BG-XXX)	Terminals:	6 x 4.0mm² cables
Housing material:	Marine grade copper free LM6 Aluminium	Weight:	0.8 kg.
Ingress protection:	IP66	Optional DIN rail terminal blocks:	8 x 2.5mm
Housing finish:	Phosphated & powder coated finish: anti-corrosion.	Optional duty label:	Metalized polyester
Color:	RAL3000 Red (others available on request)		

HOW TO ORDER

Standard Model

WCP-PB – **S**

MODEL	TYPE
WCP-PB ATEX Call Point Push Button	**S** - Standard Terminal **SL** - Standard Duty Label **D** - DIN Rail **DL** - DIN Rail w/ Duty Label

Resistor Model

WCP-PB – **S** – __ – __

MODEL	TYPE		
WCP-PB ATEX Call Point Push Button	**S** - Standard Terminal **SL** - Standard Duty Label **D** - DIN Rail **DL** - DIN Rail w/ Duty Label	Specify End-of- the-Line Resistor*	Specify Series Resistor*

*End-of-line and/or series resistor that must be included at time of order.