

BExCP3A-PB/BExCP3B-PB Push Button Call Point

The SIL 2 compliant BExCP3A-PB and BExCP3B-PB push button manual call points are approved for Zone 1, 2, 21 and 22 hazardous areas – 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 BEx range features enclosures manufactured from corrosion proof, marine grade, copper free LM6 (A413) aluminium with a chromate and powder coat finish.

Options

- Alternative housing colours are available to meet specific requirements.
- DIN rail mounted terminal blocks: 8 × 2.5mm²
- Metalised Polyester “Duty” label.
- Series and/or End of Line resistors.

Approvals

- ATEX certificate: Sira 09ATEX3286X,
- IECEx certificate: IECEx SIR 09.0121X,
- INMETRO certificate: 10IEEx-0011X
- Ex EAC TR CU 012/2011 certified: KZ.1510019.22.01.00271
- PESO CCOE certified: P471504
- SIL 2 certified to IEC 61508 (2010)



Specification

BExCP3A-PB:	II 2G Ex d e IIC T6 Gb II 2D Ex t IIIC T60°C Db IP66
BExCP3B-PB:	II 2G Ex d e mb IIC T4 Gb II 2D Ex t IIIC T70°C Db IP66
Ambient:	Ta = -40°C to +55°C [-40° to +131°F] (+50°C for BExCP3B)
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 Ex e nylon plugs as standard Brass and stainless steel plugs optional
Terminals:	6 × 4.0mm ² cables or or 8 × 2.5mm ² DINrail

Part Codes

Option:	Code:	Description:
Type:	BExCP3A-PB BExCP3B-PB	A type – no end of line devices B type – choice of end of line devices
Terminals:	ST DR	ST: Standard DR: DINrail (only on BExCP3B type)
Duty label:	NL DL	No duty label Duty label required – specify contents
Colour:	RD XX	Red enclosure colour Other enclosure colour – contact sales
Voltage:	48V 24V 12V 6V	System voltage (only required for BExCP3B type)
E.O.L. Resistor:	ExxxR	Resistor value in Ohms e.g. E470R = 470 Ohm (only required for BExCP3B type)
Series Resistor:	SxxxR	Resistor value in Ohms e.g. S1K5R = 1.5K Ohm (only required for BExCP3B type)
Accessories:	SP65-0001-A2 SP65-0001-A4 SP65-0002-A2 SP65-0002-A4	Pole Mount Bracket Kit 2" St/St A2 (304) Pole Mount Bracket Kit 2" St/St A4 (316) Sunshade – St/St A2 (304) Sunshade – St/St A4 (316)

Versions

Version:	Voltage:	Switch:	Terminals:	Cable entries:	
BExCP3A-PB	250V ac Max. 50V dc Max.	5.0A Max. 1.0A Max.	6 × 4mm ²	2 x M20 Top/Bottom 1 x M20 Left/Right	
Coding:	II 2G Ex d e IIC T6 Gb Ta = -40°C to +55°C II 2D Ex t IIIC T60°C Db IP66				
Version:	Nom./Max. Voltage:	Switch:	Terminals:	Cable entries:	Min. EOL / Series Value:Ω
BExCP3B-PB	48V/56V 24V/28V 12V/15V 6V/9V	56V dc Max. Rating: <50V: 1.0A >50V: 0.75A	6 × 4mm ² or 8 × 2.5mm ² DINrail	2 x M20 Top/Bottom 1 x M20 Left/Right	1K8 470R 120R 47R