

STExCP8-PB Push Button Call Point

The explosion proof STExCP8-PB push button manual call point features a 316L stainless steel enclosure and is designed for the harshest Zone 1, 2 & Class I Div 2 environments. Available with a dual action twist and push action or 'mushroom head' button with pull or push to activate.

Approved for Zone 1 and 2 hazardous areas for fire and gas alarm systems plus emergency shutdown and process control applications. Available with standard DIN rail terminals or the innovative E2S termination board providing dedicated connections for field installed EOL and/or series devices. SIL 2 compliant to IEC 61508 (2010). DNV type approved for exposed locations.

Features

- Robust corrosion proof 316L stainless steel enclosure
- Epoxy powder coat paint finish
- Alternative housing colours are available to meet specific requirements
- Ingress protection IP66/67
- Single or double switch
- Optional equipment tags and duty labels
- 2 x 316 Stainless steel stopping plugs included
- 3 x M20 cable entries
- Stainless steel fasteners
- DNV type approved IEC 60945 & DNVGL-CG-0339
- Available with addressable modules
- Optional LED indicator

Approvals

- UL/cUL certificate: UL-US2400489-1
- IECEx certificate: IECEx ULD 15.0018X
- ATEX certificate: DEMKO 15 ATEX 1589X
- UKCA certificate: UL21UKEX2133X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01254_21
- PESO CCOE certified: P632053
- INMETRO IEx 20.0051X
- SIL 2 compliant to IEC 61508 (2010)

Coding

- NEC Class / Zone
Class I Zone 1 AEx db IIC T6 Gb Ta -55°C to +60°C
- CEC Class / Zone
Ex db IIC T6 Gb Ta -55°C to +60°C
- NEC / CEC Class / Div
Class I Div 2 Group ABCD T6 Ta -55°C to +60°C
- IECEx / ATEX
II 2G Ex db IIC T6 Gb Ta. -55°C to +70°C (Single switch)
II 2G Ex db IIC T5 Gb Ta. -55°C to +70°C (Dual switch)
II 2G Ex db IIC T6 Gb Ta. -55°C to +60°C (Dual switch)
Note: See manual for full coding for all product options



Specification

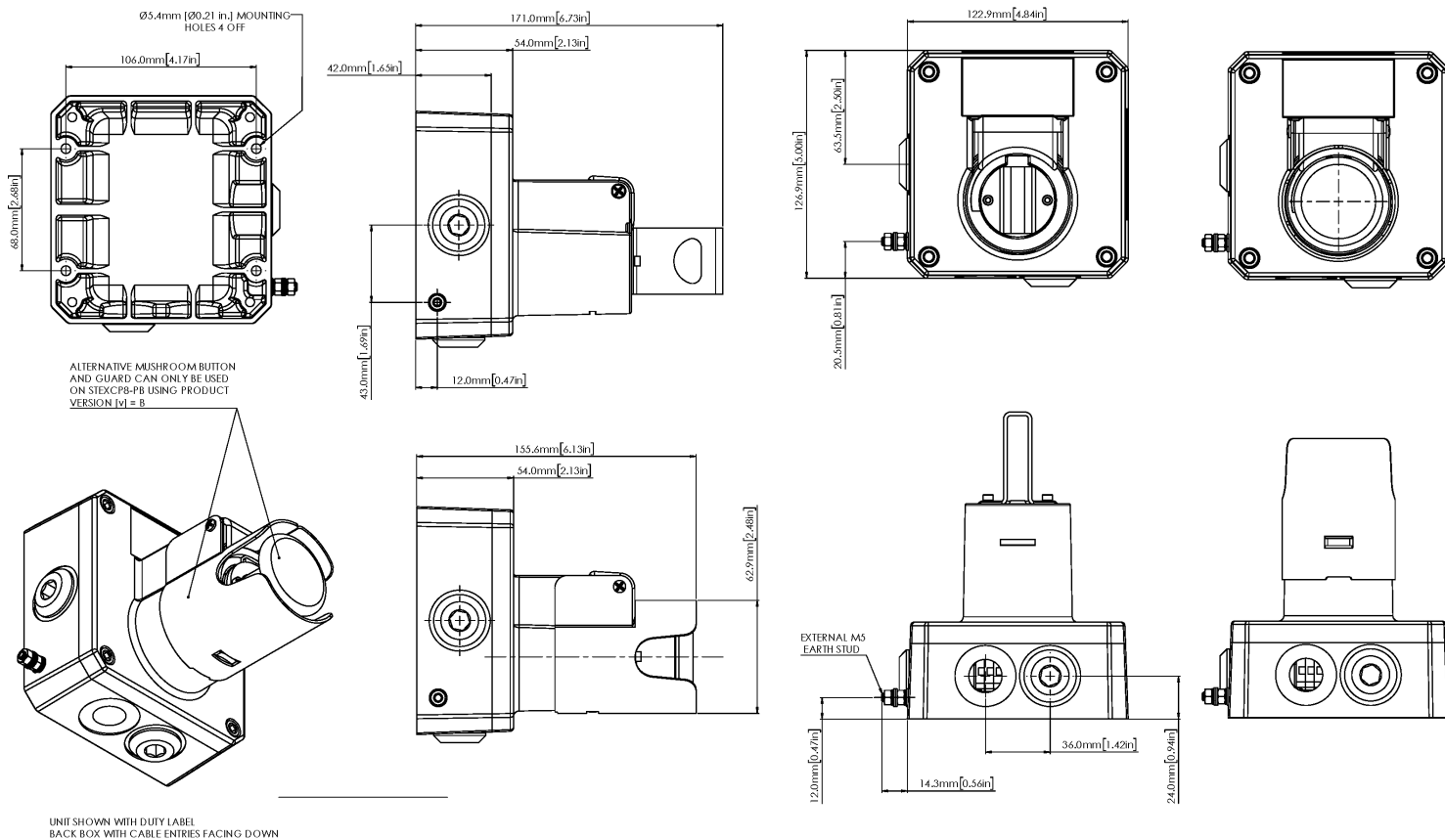
STExCP8-PB		Version: Dual Action Push Button
Switch:	Sealed – IP67	
Ingress protection:	EN/IEC 60529 – IP66/67/68	
Enclosure matl:	316L Stainless Steel Paint finish to ISO 12944-6 CX, C5VH & C5H	
Colour:	RAL3000 Red (others available on request)	
Cable entries:	2 x M20x1.5 top and 1 x M20x1.5 side. Can be rotated to provide 2 x bottom and 1 x side entries	
Stopping plugs:	2 × 316 Stainless Steel plugs as standard Brass and Nickel plated plugs optional	
Terminals:	DIN rail 8 × 2.5mm ² SAK2.5 or Termination board featuring 6 × 2.5mm ² terminals plus 4 x dedicated EOL & Series terminals	
Earth:	External M5 earth connection	
Relative Humidity:	R.H. 95% @ 20°C	
MTBF:	479.6 years / 4,201,680 hours I- MIL 217	
Weight:	4.6Kg/10.14lbs	
Voltage Range:	Max input Current:	Limitations for EOL / Series Resistors:
250Vac Max	5.0A max	not permitted
48Vdc Max	1.0A max	min. 2.2kOhm
24Vdc Max	3.0A max	min. 470 Ohm
EOL and Series Diode Values:		
xxx:	Zener value:	Max. current supply permitted
3V3	3.3V Diode	230mA
4V7	4.7V Diode	162mA
5V1	5.1V Diode	149mA
5V6	5.6V Diode	136mA
6V2	6.2V Diode	122mA
6V8	6.8V Diode	112mA
10V	10V Diode	76mA
12V	12V Diode	63mA

Accessories:

SP65-0001-A4	Pole Mount Bracket Kit St/St A4 (316)
SP65-0002-A4	Sunshade – St/St A4 (316)

Part Codes

Version:	Part reference:	Description:
Product type:	STExCP8PB	Dual action latching push button with manual reset
Switch type: [s]	S D	SPCO/SPDT DPCO/DPDT
Terminals: [t]	D X P	DIN Rail 8 × SAK2.5 Addressable module – select below Termination board: 6 × 2.5mm ² terminals plus 4 × EOL & Series terminals
Lift flap: [l]	N	Not available
Cable entries: [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/ adaptor material: [m]	S	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]	A B H Z M C P E S D L NOTE:	UL, IECEx, ATEX, DNV, Ex EAC, INMETRO, PESO Mushroom Head – Pull or Push to activate* Honeywell TC809B1008 module* Ziton A45E-2 module* Johnson Controls MIM800 module* Hochiki CHQCP2 monito* Apollo XP95 mini module* Consilium IC10 module* Siemens XTRI-M module* Securiton SDI 82X-I module* Simplex 4090-9051 Supervised IAM* * Mushroom head & versions with addressable modules do not include UL approval
Product option: [o]	1 W 2 Y P V Note:	Standard product Alternate EOL & series wiring Duplicated EOL and/or series devices Duplicated EOL and series – alternate wiring Parallel wiring with or without EOL/series Parallel with EOL and series alternate wiring Duplicated EOL/series and Parallel wiring only available with switch type 'D'
Enclosure colour: [x]	R B N Y V S K M Z	Red Blue Green Yellow Red/White Yellow/Black Black Magenta Red/Black
LED indicator: [u]	N L C	No LED required LED with 1.5K ballast resistor LED without ballast resistor
E.O.L.Module: [e] optional	ExxxR ED1 ExxxZ	Resistor value in Ohms e.g. E470R = 470 Ohm Diode IN4007 = ED1 Zener diode e.g. E5V1Z = 5.1V
Series Module: [s]	SxxxR	Resistor value in Ohms e.g. S1K5R = 1.5K Ohm



Note

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