



[1] **UNITED KINGDOM CONFORMITY ASSESSMENT**
UK-TYPE EXAMINATION CERTIFICATE

[2] **Product or Protective System Intended for use in Potentially Explosive Atmospheres**
UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

[3] UK-Type Examination Certificate No.: **UL21UKEX2133X Rev. 2**

[4] Product: **Call Point Switch, Model STExCP8- PT-S / PM-S / PB-S / PT-D / PM-D / PB-D / BG-S / BG-D / PT-I / PM-I / PB-I / BG-I / PT-IR / PM-IR / PB-IR / BG-IR**

[5] Manufacturer: **European Safety Systems Limited**

[6] Address: **Impress House, Mansell Road, Acton, London W3 7QH United Kingdom**

[7] This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8] UL International (UK) Ltd, Approved Body number 0843, in accordance with Regulation 44 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
The examination and test results are recorded in the confidential report **DK/ULD/ExTR15.0019/04**.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014


EN 60079-11:2012

Except in respect of those requirements listed at section 19 of the schedule to this certificate.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the Schedule to this certificate.

[11] This UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

 **II 2 G Ex db IIC T4 Gb**
Ex db IIC T5 Gb
Ex db IIC T6 Gb

 **II 1 G Ex ia IIC T6 Ga (models STExCP8-**-I)**

 **II 1 G Ex ia IIC T4 Ga (models STExCP8-**-IR)**

Certification Officer
Andrew Moffat

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the UKEx Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Regulations. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2021-08-31

Re-issued: 2023-12-20

Approved Body UL International (UK) Ltd Unit 1-3 Horizon Kingsland Business Park Wade Road, Basingstoke RG24 8AH, UK
Phone : +44 (0)1256 312100

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[15] Description of Product

The STExCP8 range of Call Point Switches are manual call points are for the activation of fire and gas alarm systems.

Available as Dual Action Push Button (PB), Momentary Push Button (PM), Tool Reset Push Button (PT) or Break Glass (BG) with a single (S) or dual (D) micro-switch switching capability. An indicator LED may be fitted in one of the M20 threaded entries.

All models can be fitted with series resistors, end-of-line monitoring resistors, monitoring diodes and zener diodes if supplied with direct current of up to 48 Vdc.

The STExCP8-xx-I and STExCP8-xx-IR range of Call Point Switches are as described above and provide Ex ia type of protection when used with suitable Zener Barrier or Galvanic Isolators. Terminal blocks are either DIN rail mounted or PCB mounted. End of line and series monitoring resistors or diodes may be fitted in the factory or by the installer/end-user. There is also an option for an LED module to be fitted. All components are considered as a single intrinsically safe circuit.

Product Nomenclature:

Ex db Product Nomenclature:

STEx	CP8-	PB-	S	-L
I	II	III	IV	V

- I – Enclosure Series
 - STEx – Primary Enclosure Series
- II – Certifications
 - CP8- - Call Point 8
- III – Type of Enclosure
 - BG- - Break Glass
 - PB- - Push Button
 - PM- - Momentary Push Button
 - PT- - Push Button & Tool Reset
- IV – Switch configuration Width of Enclosure
 - S - Single microswitch
 - D - Dual microswitch
- V – LED option
 - Blank – No LED
 - C – LED, without resistor
 - L – LED, with resistor

Ex ia Product Nomenclature:

STEx	CP8-	PB-	I
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- I – Enclosure Series
 - STEx – Primary Enclosure Series
- II – Certifications
 - CP8- - Call Point 8
- III – Type of Enclosure
 - BG- - Break Glass
 - PB- - Push Button
 - PM- - Momentary Push Button
 - PT- - Push Button & Tool Reset
- IV – Product Version
 - I – Intrinsically Safe Version with Single or Double Switch with no EOL or Series Devices
 - IR - Intrinsically Safe Version with Single or Double Switch with optional EOL Series devices including optional LED module.

The optical radiation output of the product with respect to explosion protection, according to Schedule 1 clause 16 of the Regulation 2016 No. 1107 (as amended by UKSI 2019:696) is covered in this certificate based on Exception 1) to the scope of EN 60079-28:2015.

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Temperature range

The relation between ambient temperature and the assigned temperature class for Ex db models is as follows:

Model	Maximum Ambient (-55°C to xx°C)			
	50°C	+60°C	+65°C	+70°C
STExCP8-PB-S	-	-	-	T6
STExCP8-PB-S-L	-	-	T6	T5
STExCP8-PB-S-C	-	-	T6	T5
STExCP8-PB-D	-	T6	-	T5
STExCP8-PB-D-L	T6	-	T5	T4
STExCP8-PB-D-C	T6	-	T5	T4
STExCP8-PB-I	-	-	-	T6
STExCP8-PB-IR	-	-	-	T4
STExCP8-PM-S	-	-	-	T6
STExCP8-PM-S-L	-	-	T6	T5
STExCP8-PM-S-C	-	-	T6	T5
STExCP8-PM-D	-	T6	-	T5
STExCP8-PM-D-L	T6	-	T5	T4
STExCP8-PM-D-C	T6	-	T5	T4
STExCP8-PM-I	-	-	-	T6
STExCP8-PM-IR	-	-	-	T4
STExCP8-PT-S	-	-	-	T6
STExCP8-PT-S-L	-	-	T6	T5
STExCP8-PT-S-C	-	-	T6	T5
STExCP8-PT-D	-	T6	-	T5
STExCP8-PT-D-L	T6	-	T5	T4
STExCP8-PT-D-C	T6	-	T5	T4
STExCP8-PT-I	-	-	-	T6
STExCP8-PT-IR	-	-	-	T4
STExCP8-BG-S	-	-	-	T6
STExCP8-BG-S-L	-	-	T6	T5
STExCP8-BG-S-C	-	-	T6	T5
STExCP8-BG-D	-	T6	-	T5
STExCP8-BG-D-L	T6	-	T5	T4
STExCP8-BG-D-L	T6	-	T5	T4
STExCP8-BG-I	-	-	-	T6
STExCP8-BG-IR	-	-	-	T4

Electrical data

For Ex db models:

Note: The DC models are limited to maximum 6.224W controlled by the allowable component configuration. The AC models are limited to 5W by design.

250Vac max / 5.0A max (for units without any series resistor or end of line devices only)

48Vdc max / 1.0A max

24Vdc max / 3.0A max

For Ex ia intrinsic safety models:

U _i	=	30V
I _i	=	500mA
P _i	=	1100mW
C _i	=	0
L _i	=	0

Routine tests

None

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Test Report No. (associated with this certificate issue)

The test report no. is provided under item no. [8] on page 1 of this UK-Type Examination Certificate.

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Specific conditions of use:

For Ex d models:

- Special precautions are necessary to reduce the risk due to electro-static discharge in fixed installations. Refer to the installation/operation instructions.
- No repair to the flameproof joints is permitted.

For Ex ia Intrinsically Safe models:

- The equipment does not provide 500V isolation between the intrinsically safe circuit and parts which may be earthed. This shall be considered in the end-use application to ensure the possibility of an earth connection will not compromise intrinsic safety. Refer to EN/IEC 60079-14.
- Special precautions are necessary to reduce the risk due to electro-static discharge in fixed installations. Refer to the installation/operation instructions.

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Conditions of certification:

None


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Essential Health and Safety Requirements (Regulations Schedule 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

Additional information



The trademark  will be used as the company identifier on the marking label.

The manufacturer shall inform the approved body concerning all modifications to the technical documentation as described in UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1.

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Schedule
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[20] Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
STExCP8 Ex d CALL POINT (2 pages)	D204-00-201-SC	E	22-02-2023
STExCP8-XX and STExCP8-XX CALL POINT CIRCUIT OPERATION DIAGRAM (2 pages)	D204-00-001-CD-SC	A	07-09-2015
INSTALLATION MANUAL (3 pages)	D204-00-201-IS-SC-UK	B	19-05-2023
STEx CP8 CALL POINT PRODUCT LABEL (APPROVAL) (1 page)	D204-99-201-SC-UK	B	19-05-2023
STEX CP8 -PB ; -PM ; -PT PUSH BUTTON CALL POINT (2 pages)	D204-00-001-SC	E	22-02-2023
Installation Manual STExCP8-BG (3 pages)	D204-00-001-IS-SC-UK	B	19-05-2023
STEx CP8 BREAKGLASS CALL POINT PRODUCT LABEL (APPROVAL) (1 page)	D204-99-001-SC-UK	B	19-05-2023
LED Indicator construction drg.	D249-00-001-SC	B	30-03-2023
STEX CP8 Ex ia CALL POINT	D204-00-601-SC	A	05-12-2023
STEX CP8 Ex ia BREAKGLASS CALL POINT	D204-00-501-SC	A	05-12-2023
STEx CP8 IS CALL POINT PRODUCT LABEL ATEX/IECEX/UKEx	D204-99-501-SC	A	06-12-2023
Installation Manual Ex ia models- STExCP8-PB, STExCP8-PT, STExCP8-PM	D202-00-601-IS-SC	A	06-12-2023
Installation Manual Ex ia moldes - STExCP8-BG	D204-00-501-IS-SC	A	06-12-2023