[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] Type Examination Certificate No.: **UL21UKEX2133X**

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

[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 **4789853393.4.1**.

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

EN IEC 60079-0:2018 **EN 60079-1:2014**

Except in respect of those requirements listed at section 18 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 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 T5 Gb
Ex db IIC T6 Gb

Certification Manager
David Lloyd

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 Ex UK 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

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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Schedule
UK-TYPE EXAMINATION CERTIFICATE No.
UL21UKEX2133X Rev. 0

[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.

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.

Nomenclature
STExCP8-PT-S (Single Switch - Single Action – Latched operation (Tool Reset)
STExCP8-PM-S (Single Switch - Single Action - Momentary operation)
STExCP8-PB-S (Single Switch – Dual Action Latched operation)
STExCP8-BG-S (Single Switch – Break Glass)
STExCP8-PT-D (Dual Switch - Single Action – Latched operation (Tool Reset)
STExCP8-PM-D (Dual Switch - Single Action - Momentary operation)
STExCP8-PB-D (Dual Switch - Dual Action Latched operation)
STExCP8-BG-D (Dual Switch – Break Glass)

Temperature range
The relation between ambient temperature and the assigned temperature class is as follows:

Model / Type	Ambient temperature range	Temperature class
Dual Switch Version	-55°C to +70°C	T5
Dual Switch Version	-55°C to +60°C	T6
Single Switch Version	-55°C to +70°C	T6

Electrical data
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

Installation instructions
All cable entry devices and blanking elements shall be certified in type of explosion protection flameproof enclosure “d”, suitable for the conditions of use and correctly installed. Unused apertures shall be closed with suitable blanking elements.

For ambient temperatures below –10 °C and above +50 °C for Dual Switch Models and above +65°C for Single Switch models use field wiring suitable for both minimum and maximum ambient temperature. Refer to the installation instructions.

Routine tests
Routine tests according to EN 60079-1:2014 cl. 16 are not required, as the enclosures have been successfully tested at four times the reference pressure.

[16] Test report No. (associated with this certificate issue)
DK/ULD/ExTR15.0019/02

[17] Specific conditions of use:

- 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.

[18] 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.

[13] [14]

Schedule
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[19] Drawings and Documents

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
STExCP8 Ex d CALL POINT (2 pages)	D204-00-201-SC	D	24-05-2016
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	A	23-07-2021
STEx CP8 CALL POINT PRODUCT LABEL (APPROVAL) (1 page)	D204-99-201-SC-UK	A	23-07-2021
STEX CP8 Ex d BREAKGLASS CALL POINT (2 pages)	D204-00-001-SC	D	24-05-2016
Installation Manual STExCP8-BG (3 pages)	D204-00-001-IS-SC-UK	A	23-07-2021
STEx CP8 BREAKGLASS CALL POINT PRODUCT LABEL (APPROVAL) (1 page)	D204-99-001-SC-UK	A	23-07-2021