



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX ULD 15.0018X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	<a href="#">Issue 2 (2021-08-25)</a>
Date of Issue:	2023-06-09		<a href="#">Issue 1 (2016-06-17)</a>
Applicant:	<b>European Safety Systems Limited</b> Impress House Mansell Road Acton London W3 7QH <b>United Kingdom</b>		<a href="#">Issue 0 (2016-03-17)</a>
Equipment:	<b>Call Point Switch, Model STExCP8-**-**</b>		
Optional accessory:			
Type of Protection:	<b>Flameproof "db"</b>		
Marking:	Ex db IIC T4 Gb Ex db IIC T5 Gb Ex db IIC T6 Gb -55°C to +70°C See Annex for additional information.		

Approved for issue on behalf of the IECEx  
Certification Body:

**Katy A. Holdredge**

Position:

**Senior Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

2023-06-09

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Certificate issued by:

**UL International DEMKO A/S**  
**Borupvang 5A**  
**DK-2750 Ballerup**  
**Denmark**





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Manufacturer: **European Safety Systems Limited.**  
Impress House  
Mansell Road  
Acton  
London W3 7QH  
**United Kingdom**

Manufacturing locations: **European Safety Systems Limited.**  
Impress House  
Mansell Road  
Acton  
London W3 7QH  
**United Kingdom**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[DK/ULD/ExTR15.0019/00](#)  
[DK/ULD/ExTR15.0019/03](#)

[DK/ULD/ExTR15.0019/01](#)

[DK/ULD/ExTR15.0019/02](#)

Quality Assessment Report:

[GB/SIR/QAR06.0020/11](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The STExCP8 range of Call Point Switches are manual call points 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.

**Please see Annex for additional information.**

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

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



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Issue 1: Addition of STExCP8-BG-S and STExCP8-BG-D Break Glass variants. Minor drawing update.

Issue 2: Update to the 7th Edition of IEC 60079-0. Update to Marking and Installation Instructions.

Issue 3: Addition of models "-L" and "-C" fitted with LED module. Minor change to Break Glass construction.

**Annex:**

[Annex to IECEx ULD 15.0018X Issue 3\\_1.pdf](#)



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## TYPE DESIGNATION

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

## PARAMETERS RELATING TO THE SAFETY

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



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Ambient Temperature:

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



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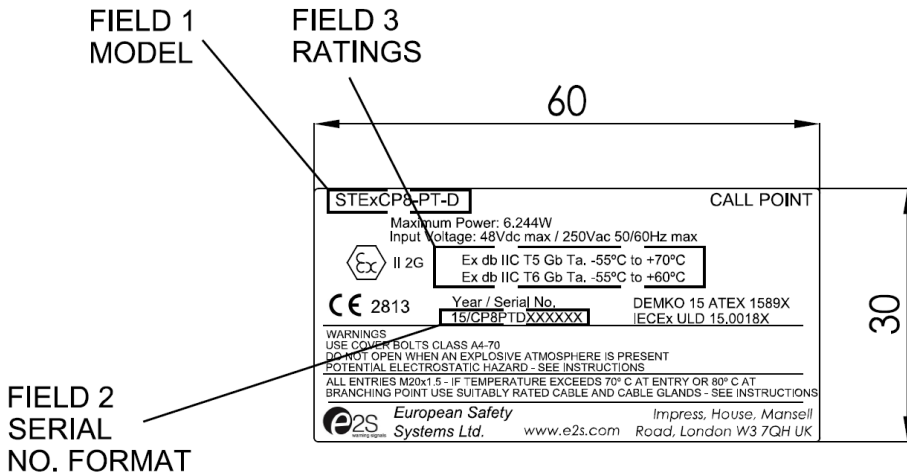
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## MARKING

Marking has to be readable and indelible; it has to include the following indications:

### Push Button Models



FIELD 1 MODEL	FIELD 2 SERIAL NO. FORMAT	FIELD 3 RATINGS
STExCP8-PT-S	YY/1CP8PTSXXXXXX	Ex db IIC T6 Gb (Ta -55°C to +70°C)
STExCP8-PM-S	YY/1CP8PMSXXXXXX	"
STExCP8-PB-S	YY/1CP8BSXXXXXX	"
STExCP8-PT-S-L or -C	YY/1CP8PTSXXXXXX	Ex db IIC T5 Gb (Ta -55°C to +70°C) Ex db IIC T6 Gb (Ta -55°C to +65°C)
STExCP8-PM-S-L or -C	YY/1CP8PMSXXXXXX	"
STExCP8-PB-S-L or -C	YY/1CP8PBSXXXXXX	"
STExCP8-PT-D	YY/1CP8PTDXXXXXX	Ex db IIC T5 Gb (Ta -55°C to +70°C) Ex db IIC T6 Gb (Ta -55°C to +60°C)
STExCP8-PM-D	YY/1CP8PMDXXXXXX	"
STExCP8-PB-D	YY/1CP8PBDXXXXXX	"
STExCP8-PT-D-L or -C	YY/1CP8PTDXXXXXX	Ex db IIC T4 Gb (Ta -55°C to +70°C) Ex db IIC T5 Gb (Ta -55°C to +65°C) Ex db IIC T6 Gb (Ta -55°C to +50°C)
STExCP8-PM-D-L or -C	YY/1CP8PMDXXXXXX	"
STExCP8-PB-D-L or -C	YY/1CP8PBDXXXXXX	"



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## Break Glass Models

**FIELD 1 MODEL**

**FIELD 2 SERIAL NO. FORMAT**

**FIELD 3 RATINGS**

60

30

CALL POINT

STExCP8-BG-D

Maximum Power: 6,244W  
Input Voltage: 48Vdc max / 250Vac 50/60Hz max

II 2G

Ex db IIC T5 Gb Ta, -55°C to +70°C  
Ex db IIC T6 Gb Ta, -55°C to +60°C

CE 2813 Year / Serial No. DEMKO 15 ATEX 1589X  
15/CP8BGDXXXXXX IECEX ULD 15.0018X

WARNINGS  
USE COVER BOLTS CLASS A4-70  
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT  
POTENTIAL ELECTROSTATIC HAZARD - SEE INSTRUCTIONS

ALL ENTRIES M20x1.5 - IF TEMPERATURE EXCEEDS 70°C AT ENTRY OR 80°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS

European Safety Systems Ltd. www.e2s.com Impress, House, Mansell Road, London W3 7QH UK

FIELD 1 MODEL	FIELD 2 SERIAL NO. FORMAT	FIELD 3 RATINGS
STExCP8-BG-S	YY/1CP8BGSXXXXXX	Ex db IIC T6 Gb (Ta -55°C to +70°C)
STExCP8-BG-S-L or -C	YY/1CP8BGSXXXXXX	Ex db IIC T5 Gb (Ta -55°C to +70°C) Ex db IIC T6 Gb (Ta -55°C to +65°C)
STExCP8-BG-D	YY/1CP8BGDXXXXXX	Ex db IIC T5 Gb (Ta -55°C to +70°C) Ex db IIC T6 Gb (Ta -55°C to +60°C)
STExCP8-BG-D-L Or -C	YY/1CP8BGDXXXXXX	Ex db IIC T4 Gb (Ta -55°C to +70°C) Ex db IIC T5 Gb (Ta -55°C to +65°C) Ex db IIC T6 Gb (Ta -55°C to +50°C)

## ROUTINE EXAMINATIONS AND TESTS

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