



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

Certificate No.: **IECEX ULD 15.0018X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2016-06-17\)](#)
[Issue 0 \(2016-03-17\)](#)
Date of Issue: 2021-08-25
Applicant: **European Safety Systems Limited**
Impress House
Mansell Road
Acton
London W3 7QH
United Kingdom
Equipment: **Call Point Switch, Model STExCP8-**-***
Optional accessory:
Type of Protection: **Flameproof "db"**
Marking: Ex db IIC T5 Gb
Ex db IIC T6 Gb
-55°C to +70°C - STExCP8-XX-S (T6)
-55°C to +70°C - STExCP8-XX-D (T5)
-55°C to +60°C - STExCP8-XX-D (T6)

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:

2021-08-25

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



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

Additional
manufacturing
locations:

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/ExTR15.0019/01](#)

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

Quality Assessment Report:

[GB/SIR/QAR06.0020/09](#)



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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 are for the activation of fire and gas alarm systems.

Available as Dual Action Push Button (PB), Momentary Push Button (PM), or 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.

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.

Annex:

[Annex to IECEx ULD 15.0018X Issue 2.pdf](#)



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TYPE DESIGNATION

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)

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

MARKING

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

Push Button Models

STExCP8-PT-S		CALL POINT
Maximum Power: 3.122W Input Voltage: 48Vdc max / 250Vac 50/60Hz max		
	II 2G	Ex db IIC T6 Gb Ta. -55°C to +70°C
	2813	Year / Serial No. DEMKO 15 ATEX 1589X 15/CP8PTSXXXXXX IECEx ULD 15.0018X
<small>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</small>		
European Safety Systems Ltd. www.e2s.com Impres, House, Mansell Road, London W3 7QH UK		

STExCP8-PT-D		CALL POINT
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
	2813	Year / Serial No. DEMKO 15 ATEX 1589X 15/CP8PTDXXXXXX IECEx ULD 15.0018X
<small>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</small>		
European Safety Systems Ltd. www.e2s.com Impres, House, Mansell Road, London W3 7QH UK		

SINGLE SWITCH VARIANTS

Example shown is a PT-S; variants listed below

MODEL	SERIAL NO. FORMAT
STEx CP8-PT-S	YY/CP8PTSXXXXXX
STEx CP8-PM-S	YY/CP8PMSXXXXXX
STEx CP8-PB-S	YY/CP8PBSXXXXXX

DUAL SWITCH VARIANTS

Example shown is a PT-D; variants listed below

MODEL	SERIAL NO. FORMAT
STEx CP8-PT-D	YY/CP8PTDXXXXXX
STEx CP8-PM-D	YY/CP8PMDXXXXXX
STEx CP8-PB-D	YY/CP8PBDXXXXXX



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Break Glass Models

STExCP8-BG-S		CALL POINT
Maximum Power: 3,122W Input Voltage: 48Vdc max / 250Vac 50/60Hz max		
	II 2G	Ex db IIC T6 Gb Ta. -55°C to +70°C
	2813	Year / Serial No. DEMKO 15 ATEX 1589X 15/CP8BGSXXXXXX IECEx ULD 15.0018X
<small>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</small>		
<i>European Safety Systems Ltd.</i> www.e2s.com <i>Impress, House, Mansell Road, London W3 7QH UK</i>		

SINGLE SWITCH VARIANT

Example shown is a BG-S; listed below

MODEL	SERIAL NO. FORMAT
STEx CP8-BG-S	YY/CP8BGSXXXXXX

STExCP8-BG-D		CALL POINT
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
	2813	Year / Serial No. DEMKO 15 ATEX 1589X 15/CP8BGDXXXXXX IECEx ULD 15.0018X
<small>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</small>		
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DUAL SWITCH VARIANT

Example shown is a BG-D; listed below

MODEL	SERIAL NO. FORMAT
STEx CP8-BG-D	YY/CP8BGDXXXXXX

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.