

EU-TYPE EXAMINATION CERTIFICATE



[1]

[2]

**Equipment or Protective System intended for use
in Potentially Explosive Atmospheres
Directive 2014/34/EU**

[3]

EU-Type Examination Certificate Number: **DEMKO 15 ATEX 1589X Rev. 1**

[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 Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential report no. **4787332659**

[9]

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

EN 60079-0:2012+A11:2013 EN 60079-1:2014

[10]


If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11]

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

[12]

The marking of the equipment or protective system shall include the following:

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

Certification Manager

Jan-Erik Storgaard

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment 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 equipment. UL has not established Follow-Up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment to all applicable Standards, specifications, requirements or Directives. 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: 2016-03-17

Re-issued: 2016-06-17

Notified Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13]

Schedule

[14]

EU-TYPE EXAMINATION CERTIFICATE No. DEMKO 15 ATEX 1589X Rev. 1

[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.

Mounting instructions

Refer to “Installation Manual”

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]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[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

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.