



[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.: **UL21UKEX2134X Rev. 0**  
[4] Product: **GNECP7 Call Point Switch**  
[5] Manufacturer: **European Safety Systems Ltd.**  
[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 **UKRCC-4789853593.7.1**

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

**EN IEC 60079-0:2018**

**EN 60079-1:2014**

**EN 60079-31:2014**

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 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 T6...T5 Gb**



**II 2 D Ex tb IIIC T90°C...T80°C Db**

**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:** 2021-11-29

**Approved Body**

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



[13]

[14]

# Schedule

## UK-TYPE EXAMINATION CERTIFICATE No.

### UL21UKEX2134X Rev. 0

[15] Description of Product  
 The GNEEx CP7 series Call Points are made from GRP material and provide Ex db and Ex tb types of protection. There are four variants, Break Glass, Push Button, Momentary Push Button and Push Button & Tool Reset. All models have a flanged flamepath for the cover and a cylindrical flamepath for the operating rods. All variants have three M20 x 1.5p threaded entries, two are located at the top of the base and one is located on the side of the base. The permitted orientations for the equipment are vertical only with the double cable entry uppermost or lowermost only.

Each variant may incorporate single or dual microswitch configurations, DIN rail mounted terminal blocks and PCB terminal. End of line and series monitoring resistors or diodes may be fitted when supplied at 24 or 48 Vdc.

GNEEx CP7- PB- S  
 I II III IV

- I – Enclosure Series
  - GNEEx – Primary Enclosure Series
- II – Certifications
  - CP7- - Call Point 7
- 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

Temperature range

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

| Model         | Maximum Ambient (-55°C to xx°C) |       |       |       |
|---------------|---------------------------------|-------|-------|-------|
|               | Gas                             |       |       | Dust  |
|               | +60°C                           | +65°C | +70°C | +70°C |
| GNEExCP7-PB-S | T6                              | -     | T5    | T90°C |
| GNEExCP7-PB-D | T6                              | -     | T5    | T90°C |
| GNEExCP7-PM-S | T6                              | -     | T5    | T90°C |
| GNEExCP7-PM-D | T6                              | -     | T5    | T90°C |
| GNEExCP7-PT-S | T6                              | -     | T5    | T90°C |
| GNEExCP7-PT-D | T6                              | -     | T5    | T90°C |
| GNEExCP7-BG-S | -                               | -     | T6    | T80°C |
| GNEExCP7-BG-D | -                               | T6    | T5    | T85°C |

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

Routine tests

Routine tests according to EN 60079-1 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/ExTR19.0007/01.

[17] Specific conditions of use:

- No repair to the flameproof joints is permitted
- The equipment has a maximum capacitance of 6.33pF
- Equipment is permitted to be wall mounted only in the vertical position. The enclosure base is permitted in two mounting positions, with the double cable entry lowermost or uppermost.

[18] Conditions of certification:  
 None



[13]

[14]


## Schedule UK-TYPE EXAMINATION CERTIFICATE No. UL21UKEX2134X Rev. 0

[19]

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.



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 Annex III to UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1.

[20]

Drawings and Documents

| Title:   | Drawing No.:         | Rev. Level: | Date:      |
|--|----------------------|-------------|------------|
| GNEx CP7 Ex d Push Button Call Point                           | D202-00-201-SC       | C           | 2019-03-05 |
| STExCP8-XX and STExCP*-XX Call Point Circuit Diagram Operation | D204-00-001-CD-SC    | A           | 2015-09-07 |
| GNExCP7 UL38 Call Point Wiring/Circuit Operation Diagram       | D202-00-001-IS-CD    | 2           | 2019-02-28 |
| GNExCP7 Ex d Break Glass Call Point                            | D202-00-001-SC       | D           | 2021-10-07 |
| Installation Manual GNExCP7-BG UKCA                            | D202-00-001-IS-SC-UK | A           | 2021-11-25 |
| Installation Manual GNExCP7-PT -PB -PM UKCA                    | D202-00-211-IS-SC-UK | A           | 2021-11-25 |
| GNEx CP7 BREAKGLASS CALL POINT<br>PRODUCT LABEL UKCA           | D202-99-001-SC-UK    | A           | 2021-11-25 |
| GNEx CP7 PUSH BUTTON CALL POINT<br>PRODUCT LABEL UKCA          | D202-99-211-SC-UK    | A           | 2021-11-25 |

