

[ 1 ] **EU-TYPE EXAMINATION CERTIFICATE**

[ 2 ] Equipment or protective system intended for use in potentially explosive atmospheres – Directive 2014/34/EU

[ 3 ] EU-type examination certificate Number: **CETS 23 ATEX 036 X** Issue:0

[ 4 ] Product: **Explosion-proof boxes for subsequent installation of electrical equipment**  
Series: **EJB..., EJBX..., EJB2..., EJBX2..., GUB..., GUBX..., CCAC..., CCACX..., S (SC..., SCX..., SI..., SIX..., SL..., SLX..., ST..., STX..., SX..., SXX..., SZ..., SZX...)**

[ 5 ] Manufacturer: **Selection of Safety FZ-LLC**

[ 6 ] Address: **B12-232, Academic Zone01-Business Center 5, RAKEZ Business Zone-FZ, RAK, United Arab Emirates**

[ 7 ] This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[ 8 ] The Certification body SIA «CE-Test», notified body number 2861 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, 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 Annex II to the Directive.

The examination and test results are recorded in confidential Evaluation report number 036/2023 from 13.04.2023.

[ 9 ] Compliance with Essential Health and Safety Requirements has been assured by compliance with: EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

[ 10 ] If the sign «X» is placed after the certificate number, it indicates that the product is subject to Specified Conditions of 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 in accordance to the Directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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



Series	Ex-marking
<b>EJB and EJBX</b>	I M 2 Ex db I Mb; II 2 G Ex db IIB T6, T5, T4 or T3 Gb; II 2 G Ex db IIB+H2 T6, T5, T4 or T3 Gb; II 2 G Ex db IIC T6, T5, T4 or T3 Gb; II 2 D Ex tb IIIC T80°C, T95°C, T130°C or T190°C Db.
<b>EJB2 and EJBX2</b>	II 2 G Ex db IIC T6, T5, T4 or T3 Gb; II 2 D Ex tb IIIC T80°C, T95°C, T130°C or T190°C Db.
<b>GUB and GUBX</b>	I M 2 Ex db I Mb; II 2 G Ex db IIC T6, T5, T4 or T3 Gb; II 2 D Ex tb IIIC T80°C, T95°C, T130°C or T190°C Db.
<b>CCAC and CCACX</b>	I M 2 Ex db I Mb; II 2 G Ex db IIC T6, T5, T4 or T3 Gb; II 2 D Ex tb IIIC T80°C, T95°C, T130°C or T190°C Db.
<b>SC, SI, SL, ST, SX, SCX, SIX, SLX, STX, SXX, SZ, SZX.</b>	I M 2 Ex db I Mb; II 2 G Ex db IIC T6, T5, T4 or T3 Gb; II 2 D Ex tb IIIC T80°C, T95°C, T130°C or T190°C Db.

Date of Certificate: 13.04.2023

Responsible person: Ing. Davids Khorunzhy

Head of certification body





[ 13 ] SCHEDULE

[ 14 ] EU-TYPE EXAMINATION CERTIFICATE: **CETS 23 ATEX 036 X** Issue: 0

[ 15 ] Description of Product

Explosion-proof switching boxes of the EJB..., EJBX..., EJB2..., EJBX2..., GUB..., GUBX..., CCAC..., CCACX..., S series are a shell consisting of a cover and a body. Shell material: aluminium alloy, AISI 321, 326 stainless steel or polyamide. Entry into the enclosure is carried out through certified ATEX cable glands.

Table 1 - Technical characteristics of EJB..., EJBX..., EJB2..., EJBX2..., GUB..., GUBX..., CCAC..., CCACX..., S series boxes.

Name of indicator, unit of measurement	Value
Switched current AC/DC, A	800
Switched voltage AC/DC, V	1000
Ambient temperature range, °C	for T6 - from -60 °C to + 80°C for T5 - from - 60°C to + 95°C for T4 - from - 60°C to + 130°C for T3 - from - 60°C to + 190°C
The degree of protection of the shell in accordance with IEC 60529:2013	IP66/IP67

Table 2 - Body material of EJB..., EJBX..., EJB2..., EJBX2..., GUB..., GUBX..., CCAC..., CCACX..., S series boxes.

Series	Area of application	Material
EJB and EJBX	For group II and III	copper-free aluminum alloy; stainless steel.
EJBX	For group I and III	stainless steel.
EJB2 and EJBX2	For group II and III	copper-free aluminum alloy; stainless steel.
GUB and GUBX	For group II and III	copper-free aluminum alloy; stainless steel.
GUBX	For group I and III	stainless steel.
CCAC and CCACX	For group II and III	copper-free aluminum alloy; stainless steel.
CCACX	For group I and III	stainless steel.
SC, SI, SL, ST, SX, SZ; SCX, SIX, SLX, STX, SXX, SZX.	For group II and III	copper-free aluminum alloy; stainless steel.
SCX, SIX, SLX, STX, SXX, SZX	For group I and III	stainless steel.

For a more detailed description of the design, please refer to the relevant instruction manual.

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[ 16 ] Test Report

The examination and test results are recorded in confidential Evaluation Report number 036/2023 from 13.04.2023

[ 17 ] Specific conditions of use

- electrical connectors (terminals), etc. must be installed according to the manufacturer's instructions;
- when installing explosion-proof devices in explosive dusty environments, it is necessary to carry out their regular cleaning to prevent dust accumulation on the surface of the housing;
- installation, connection and laying of cables should be carried out with the power supply turned off;
- installation and operation of heating cables should be carried out by persons who know the rules for the operation of electrical installations in explosive areas, who have read the operation manual;
- the equipment must be used with certified cable glands, adapters, plugs, drainage devices providing the required type and level of explosion protection.

[ 18 ] Essential health and safety requirements

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

Additional information: None.

[ 19 ] Drawings and Documents

The documents are listed in the Evaluation report number 036/2023 from 13.04.2023

Title Technical Documents	Decimal number	Date
Explosion-proof boxes for subsequent installation of electrical equipment series - EJB, EJBX Operation Manual	346400334000.1	2023
Explosion-proof boxes for subsequent installation of electrical equipment series - EJB2, EJBX2 Operation Manual	346400335000.1	2023
Explosion-proof boxes for subsequent installation of electrical equipment series - GUB, GUBX Operation Manual	346400336000.1	2023
Explosion-proof boxes for subsequent installation of electrical equipment series - CCAC, CCACX Operation Manual	34640337000.1	2023
Explosion-proof boxes for subsequent Installation of electrical Equipment series – S, models: SC, SI, SL, ST, SX, SCX, SIX, SLX, STX, SXX, SZ and SZX Operation Manual	346400338000.1	2023

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Drawing of series EJB	346400337000	-
Drawing of series EJBX	346400492000	-
Drawing of series EJB2	346400521000	-
Drawing of series EJBX2	346400522000	-
Drawing of series GUB	346400334000	-
Drawing of series GUBX	346400499000	-
Drawing of series CCACX	346400498000	-
Drawing of series CCAC	346400519000	-
Drawing of series S, model SCX, SIX, SLX, STX, SXX	346400167000	-
Drawing of series S, model SC, SI, SL, ST, SX	346400168000	-
Drawing of series S, model SZ	36400336000	-
Drawing of series S, model SZX	346400520000	-