

# EU TYPE EXAMINATION CERTIFICATE

## European Conformity

to be used for the purpose of demonstrating the conformity of the product with the requirements of the relevant EU Directive.

(3) EU-Type Examination Certificate Number: **E ADTAE 1 X U 1920** Number: **0**

(4) Product: **E serieus B S J**

(5) Manufacturer: **names Rec Gb S hK**

(6) Address: **t oE d v e 1, 1072 any s fa al WIG 5 a 5**

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

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the 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 test report number NL/DEK/ExTR19.0034/00.

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


**8 EN E C 7 6 00 2 0 0 4 EN 7 - 6 00 2 1 0 4 EN 7 6 00 2 1 0**

except in respect of those requirements listed at item 18 of the Schedule.

(10) The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(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 this certificate.

(12) The marking of the product shall include the following:

II t I  II GE2d b B Ex dHb B B x  
E2 ID B D x

Date of certification: 4 February 2020

DEKRA Certification B.V.



R. Schuller  
Certification Manager



(13) **ECI E DI S**

ty (14) **nt nt E a a 8 ei Cf x ci E ADTAR 1X U 1120** Issue No. **0**

(15) **e s p cD**

Enclosures Series IJB, made of aluminium, stainless steel or cast iron with a flanged cover, with or without display window(s), are intended to be used in potentially explosive atmospheres for the mounting of electrical apparatus such as terminals, switching-, control-, regulating-, measuring- and indicating devices.

The electrical connections are made by using separately certified cable glands or conduit entries.

Service temperature range:

- IJB 01 ... IJB 03: -20 °C or -60 °C to +135 °C,
- IJB 04 ... IJB 05: 5 °C to +55 °C

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(17) **nce If u ai i**

1. The application of the IJB enclosures shall be in accordance with the specified temperature limits.
2. For enclosures provided with a powder coating or liquid painting and intended for use in Group III applications, the user shall minimize the risk from electrostatic discharge by suitable selection and installation.
3. The maximum number of apertures, their maximum sizes and their positions are specified in the instruction manual IM.IJB.U
4. Oil-filled circuit-breakers and contactors shall not be used.
5. The content of the IJB enclosure may be placed in any arrangement provided that an area of at least 20 % (Group IIB) or 40 % (H<sub>2</sub>) of each cross-sectional area remains free. Separate relief areas may be aggregated provided that each area has a minimum dimension in any direction of 12,5 mm.
6. The flame path of the cover differs from the values stated in EN 60079-1. Contact the manufacturer for information on the dimensions of the flameproof joints.
7. The M8 or M10 fasteners are of grade A2-70 with a yield stress of at least 450 MPa and shall be applied with a minimum torque value of 28 Nm (M8) or 58 Nm (M10).

(18) **ress ge lam ad n hf e qre hR iu**

Covered by the standards listed at item (9).

(19) **Ten sd ec au**

As listed in Report No. NL/DEK/ExTR19.0034/00.

(20) **er f a ci sr**

Issue 0 - 222966700 initial certificate