

CERTIFICATE

- (1) **EU-Type Examination**
- (2) **Component intended for use on/in equipment or**

Date of certification: 4 February 2020

DEKRA Certification B.V.

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Certification Manager

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 18ATEX0112 U**

Issue No. **0**

(15) **Description**

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,
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(17) **Schedule of Limitations**

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 % (H₂) 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) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

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

(20) **Certificate history**

Issue 0 - 222966700 initial certificate