

# CERTIFICATE

## (1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 21ATEX0027 X** Issue Number: **0**

(4) Product: **Junction Box, type DJBS-\*\*-\*\*\*\*\***

(5) Manufacturer: **Dong-A Bestech Co.,Ltd**

(6) Address: **54, Songnae-daero 518beon-gil, Bucheon-si, Gyeonggi-do 14445, Republic of Korea**

(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/ExTR21.0020/00.

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

**EN IEC 60079-0 : 2018**

**EN 60079-7 : 2015 + A1 : 2018**

**EN 60079-11 : 2012**

**EN 60079-31 : 2014**

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

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of 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 this certificate.

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



**II 1 G**

**Ex ia IIC T6...T4 Ga**

**II 2 G**

**Ex eb IIC T6...T4 Gb**

**II 2(1) G**

**Ex eb [ia Ga] IIC T6...T4 Gb**

**II 2 D**

**Ex tb IIIC T85 °C...T135 °C Db**

Date of certification: 12 October 2021

DEKRA Certification B.V.

R. Schuller  
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 21ATEX0027 X**

Issue No. **0**

(15) **Description**

Junction Box, type DJBS-N-\*\*-\*\*\*\*\* made of stainless steel (STS316L or STS304) and provided with separately certified Ex e terminal blocks for non-intrinsically safe and/or intrinsically safe circuits, and may be equipped with an Ex draining device as an option. For intrinsically safe circuits, the area for the terminals is marked, e.g. by a light blue color.

For Ex components certified to an older editions of the standards, as detailed in Annex 1 to NL/DEK/ExTR21.0020/00, technical Differences are evaluated and found satisfactory – for details see NL/DEK/ExTR21.0020/00.

Ambient temperature range: -50 °C to +40 °C for T6 and T85 °C  
-50 °C to +55 °C for T5 and T100 °C  
-50 °C to +70 °C for T4 and T135 °C  
-50 °C to +80 °C for T4 and T135 °C

For more information see Annex 1 to NL/DEK/ExTR21.0020/00.

The enclosure provides a degree of protection of IP66/67 per EN IEC 60079-0 and EN 60529.

**Electrical data**

max. 1100 V, max. 375 A

The electrical data depend on the built-in terminals and equipment and is taken from the applicable certificates and manufacturers' data, but will not exceed the above. Actual electrical rating for the intended application is shown on the marking label and in the instructions provided with the junction box. Galvanic isolation between intrinsically safe circuits is suitable for up to a maximum of 1575V.

**Installation instructions**

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR21.0020/00.

(17) **Specific conditions of use**

The junction box shall be installed in a wall mounting position only.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR21.0020/00.

(20) **Certificate history**

Issue 0 - 510052600 initial certificate