



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX DEK 21.0022X** Page 1 of 3 [Certificate history:](#)  
Status: **Current** Issue No: 0  
Date of Issue: 2021-10-12  
Applicant: **Dong-A Bestech Co.,Ltd**  
54, Songnae-daero 518beon-gil  
Bucheon-si, Gyeonggi-do 14445  
Korea, Republic of  
Equipment: **Junction Box, type DJBS-N.\*\*.\*\*\*\*\***  
Optional accessory:  
Type of Protection: **Ex eb, Ex ia, Ex eb [ia Ga], Ex tb**  
Marking: Ex eb IIC T6...T4 Gb  
Ex ia IIC T6...T4 Ga  
Ex eb [ia Ga] IIC T6...T4 Gb  
Ex tb IIC T85 °C...135 °C Db

Approved for issue on behalf of the IECEx  
Certification Body:

**R. Schuller**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

**2021-10-12**

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DEKRA Certification B.V.**  
Meander 1051  
6825 MJ Arnhem  
Netherlands





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Manufacturer: **Dong-A Bestech Co.,Ltd**  
54, Songnae-daero 518beon-gil, Ojeong-gu  
Bucheon-si, Gyeonggi-do 14445  
**Korea, Republic of**

Additional  
manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**IEC 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-11:2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

**IEC 60079-31:2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[NL/DEK/ExTR21.0020/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0030/09](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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 IEC 60079-0 and IEC 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.

## SPECIFIC CONDITIONS OF USE: YES as shown below:

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

## Annex:

[510052600-Annex1.pdf](#)