

[1]

EU-TYPE EXAMINATION CERTIFICATE

[2] Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

[3] EU-Type Examination Certificate Number: **DNV 24 ATEX 54311X** **Issue 0**

[4] Product: **Junction Box**

[5] Manufacturer: **DNH A/S Den Norske Høytalerfabrikk A/S**

[6] Address: **Gruveveien 2-4
NO-3770, Kragerø
Norway**

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

[8] DNV Product Assurance AS, notified body number 2460, in accordance with Article 17 and Article 21 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 reports listed in item 16.


[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN IEC 60079-0:2018 and EN IEC 60079-7:2015/A1:2018.**

Where additional criteria beyond those given here have been used, they are listed at item 18 in 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" listed under item 17 of 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 product shall include the following:

 **II 2 G Ex eb IIC T6 Gb Ta: -50°C ≤Ta ≤+50°C**



Date of issue:
2024-12-20



Bjørn Spongsveen
For DNV Product Assurance AS
The Certificate has been digitally signed.
See www.dnv.com/digitalsignatures for info

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Schedule

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EU-Type Examination Certificate No:

DNV 24 ATEX 54311X

Issue 0

[15]

Description of Product

This certificate of conformity covers a junction box with ATEX certified "e" terminals referred in the part list. The lid screws for the termination chamber should be fastened with a torque of approximately 1Nm to ensure the IP-rating. This junction box must only be used with appropriate cable glands and blind plugs with respect of ingress protection code IP67 and temperature.

Type designation

JBP-120EExeN

Electrical Data

0,5mm²/5A/max.275V

1,5mm²/10A/max.275V

2,5mm²-6mm²/16A/max.275V

Degrees of protection (IP Code)

IP 67

Ambient temperature:

-50°C to +50°C

Routine tests

None. Un-wired junction box with ATEX/IECEx certified terminals.

List of certified equipment in the junction box:

Equipment	Manufacturer	Certificate No	Marking
Terminals MK3/MK6/BK series	Weidmuller Interface GmbH & Co.KG	TUV 18 ATEX 8209U	Ex II 2 GD Ex eb IIC Gb
Terminals SAK 2.5 Series	Weidmuller Interface GmbH & Co.KG	TUV 18 ATEX 8207U	Ex II 2 GD Ex eb IIC Gb
Feedthrough terminal block	WAGO Kontakttechnik GmbH & Co.KG	PTB 98 ATEX 3129U	Ex II 2 G Ex eb IIC Gb

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Report No.: PRJN-656137

[17]

Specific Conditions of Use

1. The junction box is only suitable for mounting in areas where there is low risk of mechanical danger. Ref. clause 26.4.2 of EN 60079-0

[18]

Essential Health and Safety Requirements

Met by compliance with the requirements mentioned in item 9.

[19] Drawings and documents

Number	Title	Rev.	Date
2505	JBP-120 EExeN	2	2024.12.19

[20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue	2024-12-20	656137

END OF CERTIFICATE

