[1] EU-TYPE EXAMINATION CERTIFICATE - Translation

[2] Components intended for use on / in an equipment or protective systems intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU16ATEX1234 U** | Issue 1

[4] Product: **Empty polyester enclosure**
Type: EXE*********

[5] Manufacturer: Hoffman Enclosures Inc
nVent

[6] Address: 2100 Hoffman Way
Anoka, MN 55303
USA

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

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 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 the confidential test report IB-18-3-0058.

[9] Compliance with the essential health and safety requirements has been assured by compliance with:
EN 60079-0:2012+A11:2013, EN 60079-7:2015 and EN 60079-31:2014
except in respect of those requirements listed at item [18] of the schedule.

[10] If 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:

Ex II 2G Ex eb IIC Gb
Ex II 2D Ex tb IIIC Db

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By order

Dipl.-Ing. [FH] Henker

Seal
(notified body number 0637)

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Freiberg, 2018-07-20

[13] **Schedule**

[14] **Certificate number IBExU16ATEX1234 U** | Issue 1

[15] **Description of product**

The empty enclosures polyester type EXE********* are made of polyester and may be used stationary in Zones 1 and 2 as well as 21 and 22. They are made of dissipative black plastic.

The enclosures may be equipped with separately certified Ex-components, such as plug-in connectors, modular terminal blocks, connecting terminals and switches.

Technical data:

Service temperature range:	-55 °C up to +135 °C
Degree of protection (according to IEC 60529):	at least IP64 (maximum IP66)
length:	minimum 80 mm maximum 400 mm
width:	minimum 55 mm maximum 120 mm
height:	minimum 75 mm maximum 405 mm

Variations compared to issue 0 of this certificate:

The name of the company has been changed.

[16] **Test report**
The test results are recorded in the confidential test report IB-18-3-0058 of 2018-07-20.

The test documents are part of the test report and they are listed there.

Summary of the test results
The empty enclosures polyester type EXE********* still fulfil the requirements of explosion protection for components Group II, Category 2G in type of protection increased safety "e" as well as Category 2D in type of protection protection by enclosure "t".

[17] **Specific conditions of use**
The use of the empty enclosure has to be proved and certified separately.
The service temperature range must not exceed the determined values.

[18] **Essential health and safety requirements**
In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report:
None

[19] **Drawings and Documents**
The documents are listed in the test report.

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