IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: IECEx IBE 16.0049U

Issue No: 1

Certificate history:
Issue No. 1 (2018-07-23)
Issue No. 0 (2017-01-25)

Status: **Current**

Date of Issue: **2018-07-23**

Applicant: **Hoffman Enclosure Inc, nVent**
2100 Hoffman Way
Anoka, MN 55303
United States of America

Ex Component: **Empty enclosure - polyester type EXE*********

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Increased safety "e", protection by enclosure "t"**

Marking:

Ex eb IIC Gb

Ex tb III C Db

Approved for issue on behalf of the IECEx Certification Body: Dipl.-Ing. Alexander Henker

Position: Deputy Head of Certification Body

Signature:
(for printed version)

Date: 2018-07-23

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 the Official IECEx Website.

Certificate issued by:

IBExU Institut für Sicherheitstechnik GmbH
Certification Body
Fuchsmühlenweg 7
09599 Freiberg
Germany

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Manufacturer: **Hoffman Enclosure Inc, nVENT**
2100 Hoffman Way
Anoka, MN 55303
United States of America

Additional Manufacturing location(s):

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 Component 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 Ex Component 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

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

TEST & ASSESSMENT REPORTS:

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

Test Report:

DE/IBE/ExTR16.0041/00 DE/IBE/ExTR16.0041/01

Quality Assessment Report:

GB/SIR/QAR09.0018/10

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Schedule

Ex Component(s) covered by this certificate is described below:

The empty enclosures 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

SCHEDULE OF LIMITATIONS:

The service temperature range must not exceed -55 °C ... +135 °C.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The name of the company has been changed.