



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

Certificate No.: **IECEX DEK 11.0032X** issue No.:1

Certificate history:
Issue No. 1 (2013-5-10)
Issue No. 0 (2011-4-4)

Status: **Current**

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Applicant: **DEHN + SÖHNE GmbH + Co. KG.**
Hans-Dehn-Strasse 1
D-92318 Neumarkt / Opf.
Germany

Electrical Apparatus: **Blitzductor BXT-series**
Optional accessory:

Type of Protection: **Ex n**

Marking: **Ex nA IIC T4 Gc**


Approved for issue on behalf of the IECEx
Certification Body:

C.G. van Es

Position:

Certification Manager

Signature:
(for printed version)



Date:

2013-05-10

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](http://www.iecex.com).

Certificate issued by:

DEKRA Certification B.V.
Utrechtseweg 310
6812 AR Arnhem
The Netherlands





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Manufacturer: **DEHN + SÖHNE GmbH + Co. KG.**
Hans-Dehn-Strasse 1
D-92318 Neumarkt / Opf.
Germany

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 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 electrical apparatus 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 Explosive atmospheres - Part 0: General requirements
Edition: 6.0

IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition: 4

*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 equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
NL/DEK/ExTR11.0032/00

NL/DEK/ExTR11.0032/01

Quality Assessment Report:

NL/DEK/QAR12.0084/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Blitzductors series BXT serve as transient suppressors in the lines of electronic circuits.

This approval applies to the following equipment types:

BXT BAS (Base unit) and the following modules:

BXT ML. B 180, BXT ML. BE . 5, BXT ML. BE . 12, BXT ML. BE . 24, BXT ML4 BE 36, BXT ML. BE . 48, BXT ML4 BE 60, BXT ML4 BE 180, BXT ML. BD . 5, BXT ML. BD . 12, BXT ML. BD . 24, BXT ML. BD . 48, BXT ML4 BD 60, BXT ML. BD 180, BXT ML4 BC 5, BXT ML4 BC 24, BXT ML4 BE C 12, BXT ML4 BE C 24, BXT ML. BE HF. 5, BXT ML. BD HF. 5, BXT ML4 BD HF 24 and BXT ML2 BD DL S 15.

Ambient temperature range -40 °C to +80 °C.

Details are shown in Annex 1 to this certificate.

CONDITIONS OF CERTIFICATION: YES as shown below:

The Blitzductor series BXT shall be installed into an enclosure which meets the requirements of a recognized type of protection, in accordance with IEC 60079-0.

Ambient temperature range -40 °C to +80 °C.



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

Issue 1: Assessment in accordance with latest edition of the standards.