



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

Certificate No.: IECEx DEK 11.0006X issue No.:1

Status: **Current**

Certificate history:  
Issue No. 1 (2013-6-14)  
Issue No. 0 (2011-3-28)

Date of Issue: **2013-06-14** Page 1 of 4

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

Electrical Apparatus: **Surge suppression device DEHNpipe DPI CD EXD 230 24 M and DEHNpipe DPI CD EXD 230 24 N**  
Optional accessory:

Type of Protection: **Ex d**

Marking: **Ex d IIC T5 or T6 Gb**

Approved for issue on behalf of the IECEx  
Certification Body:

C.G. van Es

Position:

Certification Manager

Signature:  
(for printed version)

Date:

2013-06-14

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  
92318 Neumarkt  
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 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition: 6

*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/ExTR11.0009/00

NL/DEK/ExTR11.0009/01

NL/KEM/ExTR10.0046/00

##### Quality Assessment Report:

NL/DEK/QAR12.0084/00



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Surge suppression devices DEHNpipe DPI CD EXD 230 24 M and DEHNpipe DPI CD EXD 230 24 N, used for overvoltage protection.

### Electrical data

Rated voltage ..... 230 V (Power circuit)  
24 V (Telecommunication / signalling circuit)

### CONDITIONS OF CERTIFICATION: YES as shown below:

Ambient temperature range:  
-40 °C to +70 °C for temperature class T6  
-40 °C to +80 °C for temperature class T5

The free end of the permanently connected field wiring is to be connected in an appropriate way in a suitable Ex d junction box.



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

Issue 1: Update to the latest edition of the standards.