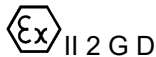




## EU Type Examination Certificate CML 18ATEX1026X Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Ex d control and distribution boxes type INDEX.x.xx.xxxx.x**
- 3 Manufacturer **Index Elektro B.V.**
- 4 Address **Harregatplein 15,  
3214 VP Zuidland  
The Netherlands**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, Notified Body Number 2503, 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 equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:  
  
EN 60079-0:2012+A11:2013      EN 60079-1:2014      EN 60079-11:2011  
EN 60079-31:2014

- 10 The equipment shall be marked with the following:



II 2 G D

Ex db [ia Ga] IIB T4/5/6 Gb  
Ex db [ia Ga] IIC T4/5/6 Gb  
Ex db [ia Ga] IIB+H2 T4/5/6 Gb  
Ex db [ib Gb] IIB T4/5/6 Gb  
Ex db [ib Gb] IIC T4/5/6 Gb  
Ex db [ib Gb] IIB+H2 T4/5/6 Gb  
Ex db IIB T4/5/6 Gb  
Ex db IIC T4/5/6 Gb  
Ex db IIB+H2 T4/5/6 Gb  
Ex tb IIIC T80/95/130° Db

Ta = -40/-20°C to +40/80°C



**CML 18ATEX1026X**  
**Issue 0**

## 11 Description

The Ex d control and distribution boxes are ranges of flameproof enclosures that may be manufactured from aluminium, steel or stainless steel. The enclosures are based on component approved enclosures and can be fitted with a wide range of electrical equipment, controls, indicators and terminals depending upon the application. There are options for windows on some enclosures.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	21 Feb 2018	R1272A/00	Issue of prime certificate

Note: Drawings that describe the equipment or component are listed in the Annex.

## 13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Where the product incorporates certified parts or safety critical components the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.
- ii. The control and distribution boxes incorporate component enclosures. Each component enclosure has an associated equipment enclosure certificate. The maximum power rating of the control and distribution boxes shall not exceed the power rating shown on the respective equipment enclosure certificate.

## 14 Special Conditions for Safe Use (Conditions of Certification)

The following conditions relate to safe installation and/or use of the equipment.

- i. For enclosure types INDEX.C.CT.xxxx, flamepath retaining screws shall be A2-70.
- ii. For enclosure types INDEX.C.CT.xxxx, with temperature class T5, cables suitable for temperatures of at least 90°C shall be used.
- iii. For enclosure types INDEX.B.CT.xxx, flamepath retaining screws shall be A2-70.
- iv. For enclosure types INDEX.B.CO.xxx, the cover and body shall be fixed by stainless steel screws quality A2-70.
- v. For enclosure types INDEX.B.AS.XXX, INDEX.B.AS.XXX.x and INDEX.B.CO.xxx, the width of the flameproof joints is greater than the values specified in the tables of IEC 60079-1. Therefore, the flameproof joints are not intended to be repaired or modified by the end user.
- vi. For enclosure types INDEX.B.AS.XXX.x ending in 91 or 93, fasteners securing flameproof joints shall be A4-70, for all other models, of enclosure types INDEX.B.AS.XXX.x, fasteners shall be A2-70.
- vii. For enclosure types INDEX.B.AS.XXX.x fitted with a window, shall be installed in areas that are considered to be low risk of impact.
- viii. The widths of the flameproof joints for command and signalling units type DP/DFP and RS/RX fitted are greater than those specified in tables of IEC 60079-1. Therefore, the flameproof joints are not intended to be repaired or modified by the end user.

## Certificate Annex



**Certificate Number** CML 18ATEX1026X  
**Equipment** Ex d control and distribution boxes type INDEX.x.xx.xxxx.x  
**Manufacturer** Index Elektro B.V.

The following documents describe the equipment or component defined in this certificate:

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
IOR16113-Ex d	1 to 3	A	21 Feb 2018	Ex d certificate CML 18ATEX1026X IECEX CML 18.0021X



## Certificate and File Transfer

This document confirms the transfer of the following referenced certificates and files.

**Receiving Notified Body:**

CML B.V.,  
Hoogoorddreef 15  
1101BA,  
Amsterdam,  
The Netherlands  
(Notified Body number 2776)

**(Original) Issuing Notified Body:**

Certification Management Limited (Eurofins E&E CML Limited)  
Newport Business Park,  
New Port Road,  
Ellesmere Port  
CH65 4LZ  
United Kingdom  
(Notified Body number 2503)

**Manufacturer:**

Index Elektro B.V.  
Harregatplein 15, 3214 VP Zuidland  
Netherlands

**Certificates transferred**

CML 17ATEX3325U

CML 18ATEX1026X

CML 15ATEX1190X

CML 17ATEX1249X

CML 17ATEX3247U

The manufacturer may use this document as evidence of continuity of certification.

Where the certification documentation or markings require updating to reflect the transfer, for example, change to Notified Body number, this is permitted without submission of updated documentation to CML.

The manufacturer shall apply to CML for any other changes to the product design.

Signed

On behalf of

CML B.V.

**D R Stubbings MIET**

Technical Director

Thursday, 03 October 2019

On behalf of

CML UK

**A C Smith**

Technical Operations Director

Thursday, 03 October 2019

On behalf of

Index Elektro B.V.

**J.W. Weeda**

Technical Director

Thursday, 03 October 2019

CML B.V.

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