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 CML 18.0119U

Issue No: 0

Certificate history:
Issue No. 0 (2018-10-12)

Status: **Current**

Date of Issue: **2018-10-12**

Applicant: **Index Elektro B.V.**
Harregatplein 15
3214 VP Zuidland
The Netherlands

Ex Component: **Index.X... & Index.Y... Ranges of Enclosures**

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 "eb", Dust protected "tb"**

Marking:

Ex eb IIC Gb

Ex tb IIIC Db

Ta: -40 to +60°C

Approved for issue on behalf of the IECEx Certification Body: R C Marshall

Position: Certification Officer

Signature:
(for printed version)

Date:

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:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom

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Manufacturer:	**Index Elektro B.V.** Harregatplein 15 3214 VP Zuidland **The Netherlands**	

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:

GB/CML/ExTR18.0175/00

Quality Assessment Report:

GB/CML/QAR15.0011/03

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Schedule

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

The Index.X… & Index.Y… Ranges of Enclosures comprise a series of rectangular stainless-steel enclosures of various sizes. The Type X Range has a lid secured via screws and the Type Y Range has a lid fixed via screws and hinges. Sealing is made via polyurethane gaskets with cable entry intended to be made via plain holes in the enclosure side or rear walls. An internal and external earthing or equipotential facility is provided by an M5, M6 or M8 threaded stud in one side-wall fitted with a nut, plain washer and star washer. The enclosures are intended for fitting suitably certified terminals or certified control and signalling equipment.

Refer to Annex for full description and Conditions of Manufacture.

SCHEDULE OF LIMITATIONS:

Refer to Annex for Schedule of Limitations.

Annex:

IECEx CML 18.0119U Iss. 0 Certificate Annex.pdf

Annexe to:	**IECEx CML 18.0119U Issue 0**
Applicant:	**Index Elektro B.V.**
Apparatus:	**Index.X… & Index.Y… Ranges of Enclosures**

Description

The Index.X… & Index.Y… Ranges of Enclosures comprise a series of rectangular stainless-steel enclosures of various sizes. The Type X Range has a lid secured via screws and the Type Y Range has a lid fixed via screws and hinges. Sealing is made via polyurethane gaskets with cable entry intended to be made via plain holes in the enclosure side or rear walls. An internal and external earthing or equipotential facility is provided by an M5, M6 or M8 threaded stud in one side-wall fitted with a nut, plain washer and star washer. The enclosures are intended for fitting suitably certified terminals or certified control and signalling equipment.

The Index.X… Range of Enclosures come in the following size ranges:
100 mm x 100 mm x 60 mm to 400 mm x 600 mm x 200 mm

The Index.Y… Range of Enclosures come in the following size ranges:
200 mm x 300 mm x 150 mm to 2,000 mm x 1,200 mm x 500 mm

Conditions of Manufacture

The following are conditions of manufacture:

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. Caution shall be taken during fitting of the lock to the Index.Y… enclosure to ensure that the seal is correctly aligned as damage will impair the enclosure's ingress protection.

Schedule of Limitations

i. The ambient temperature range -40°C to +60°C shall be considered when calculating the Temperature Class of the overall equipment.
ii. The service temperature of the gasket shall not exceed 60°C.

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