



## EU Type Examination Certificate CML 18ATEX3247U Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **Index.X... & Index.Y... Ranges of Enclosures**
- 3 Manufacturer **Index Elektro B.V.**
- 4 Address **Harregatplein 15  
3214 VP Zuidland  
The Netherlands**
- 5 The component is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V. , Chamber of Commerce No 6738671, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, Notified Body Number 2776, 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 component 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 The 'U' suffix after the certificate number indicates that the component 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 60079-7:2015      EN 60079-31:2014
- 10 The equipment shall be marked with the following:



II 2 GD

Ex eb IIC Gb  
Ex tb IIIC Db

Ta = -40°C to +60°C



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## 11 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

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	12 Oct 2018	R1247A/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. 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.

## 14 Schedule of Limitations

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

- 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.

## Certificate Annex



**Certificate Number** CML 18ATEX3247U  
**Equipment** Index.X... & Index.Y... Ranges of Enclosures  
**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
INDEX.X+Y	1 to 4	17.09.18	12 Oct 2018	Stainless steel terminal boxes Ex e type INDEX.X - dimensions