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# EU-TYPE EXAMINATION CERTIFICATE

[2] **Component intended for use in potentially explosive atmospheres Directive 2014/34/EU - Annex III**

[3] Certificate Number: **EPT 18 ATEX 3029 U** **issue 1**

[4] Component: **Cabinets**  
**DS, QL and QLP**

[5] Manufacturer: **ILINOX S.r.l.**

[6] Address: **Strada Provinciale Asolana 4/6, 43056 S. Polo di Torrile (PR)**

[7] This component and its accepted variations are specified in the annex to this Certificate.


[8] Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council of 26th 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 component intended for use in potentially explosive atmospheres given in Annex II of the Directive. The examination and test results are recorded in the confidential Report N°EPT.22.REL.02/2213070

[9] Compliance with the essential health and safety requirements is assured through the verification of them and by compliance with the following harmonized standards:

**EN IEC 60079-0:2018, EN IEC 60079-7:2015 + A1: 2018, EN 60079-31:2014**

[10] The symbol "U" placed after the certificate's number indicates that this certificate must not be understood as a certificate for equipment or protective systems. This certificate may be used as a basis for a certificate for the equipment or protective system.

[11] This EU -TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified component. Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this component. These requirements are not object of this Certificate.

[12] The component shall include the sign  and the following strings:

**II 2G Ex eb IIC Gb**  
**II 1D Ex ta IIIC Da**

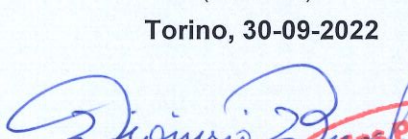
For **Series DS**

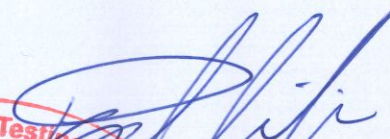
**II 2GD Ex eb IIC Gb**  
**Ex tb IIIC Db**

For **Series QL and QLP**

Place and date of issue:  
(DD-MM-YYYY)

**Torino, 30-09-2022**

  
Dionisio Bucchieri  
Directive Responsible

  
Paolo Trisoglio  
Managing Director



PRD N° 119B  
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

CP-ATEX-MOD-30-00

This Certificate has 4 pages and it is reproducible only in its entirety. Conditions of validity are reported below.





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**ANNEX**  
**EU-TYPE EXAMINATION CERTIFICATE**  
**N. EPT 21 ATEX 4561 U issue 0**

**[15] Component description**

The cabinets series DS, QL and QLP are enclosures suitable to contain electrical instruments.

They are realized in stainless steel (AISI 304, AISI 316L, AISI 304L, AISI316L, or AISI 316Ti) with gaskets in foamed two-component polyurethane or foamed two-component silicone.

The cabinets series DS are provided with a screwed cover while series QL and QLP are provided with a hinged door. The enclosures are blind without any transparent or glass parts.

The enclosure can be drilled only in compliance with the characteristics specified on the safety instructions.

All enclosures have an internal and external earth facility.

Ingress protection degree of the enclosure, with door closed and without drilling, is IP66.

The components can be equipped with removable flanges.

The maximum size for the enclosures are:

- 800x1600x400 mm, for Series QL and QLP
- 750x600x400 mm, for Series DS

**Warning label**

Not present

**Routine tests**

None

**[16] Assessment Report n° EPT.22.REL.02/2213070**

This EU-Type Examination Certificate is released after the positive result of the conformity assessment of the Council Directive 2014/34/EU and to harmonized technical standards listed in this certificate performed by the Notified Body Eurofins Product Testing Italy S.r.l., and reported in the Assessment Report above cited.

**[17] Schedule of limitation**

- This Certificate covers only the aspects of the enclosure, the relevant clauses of applicable standards have to be taken into account for the certification of the complete equipment.
- The components incorporate one of the following two gaskets, therefore the operating temperatures are as follows:

Gasket fitted	Operating temperature
Polyurethane	From -20°C to +60°C
Silicone	From -40°C to +180°C

- In case of drilling, in order to install instruments or cable entry devices, the degree of protection IP 66 has to be re-verified.

- The clearance holes for plain entries shall have a diameter not more than 0.7 mm greater than the nominal diameter of the entry thread gland or fitting.

For enclosures Series DS, fasteners have to be secured with a torque of:

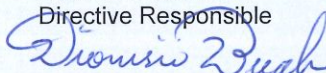
Thread	M4	M5	M6	M8	M10	M12
Nm	2.0	3.2	5.0	10	16	25



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# **ANNEX** **EU-TYPE EXAMINATION CERTIFICATE** **N. EPT 21 ATEX 4561 U issue 0**

## **[18] Essential Health and Safety Requirements**

Assured by compliance with harmonized standards.

## **[19] Descriptive documents**

The component object of this Certificate are described by the following documents that are scheduled documents and therefore they cannot be modified without the explicit authorization of the Notified Body.

Type of document	Document identification	Rev.	Date
*Safety instruction	Istruzioni uso e manutenzione involucri serie QL - QLP - DS	13	19-09-2022
Marking label	ET-ATEX-IECEX-R00	0	17-05-2018
Drawing – Enclosure, series DS	DS-ATEX-01	05	19-02-2018
Drawing – Enclosure, series DS	DS-ATEX-02	01	19-02-2018
Drawing – Enclosure, series QLPM	QLPM-ATEX-01	02	19-02-2018
Drawing – Enclosure, series QLPM	QLPM-ATEX-02	02	19-02-2018
Drawing – Enclosure, series QL-QLP	QL-QLP-ATEX-01	05	19-02-2018
Drawing – Enclosure, series QL-QLP	QL-QLP-ATEX-02	05	19-02-2018
Drawing – Enclosure, series QL-QLP	QL-QLP-ATEX-03	05	19-02-2018
Drawing – Enclosure, series QL-QLP	QL-QLP-ATEX-04	05	19-02-2018
Drawing – Enclosure, series QL-QLP	QL-QLP-ATEX-05	01	19-02-2018
Drawing – plate for entry devices (QL-QLP)	PPS-ATEX-01	00	19-02-2018
Drawing – plate for entry devices (DS)	PPS-ATEX-02	01	19-02-2018

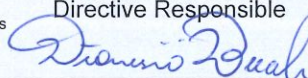
An \* is included before the title of documents that are new or revised.



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**ANNEX**  
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**[20] Terms and conditions**

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- changes in the design or construction of the product;
- changes or amendments to the Directive;
- changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 2014/34/EU Directive.

**[21] History**

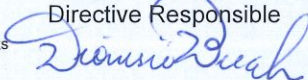
Issue	Description	Date
0	First Emission.	06-11-2018
1	Reference standards update	30-09-2022



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End of Certificate

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