



[1]

EU-TYPE EXAMINATION CERTIFICATE

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

[3] Certificate Number: **EPT 22 ATEX 4974 X issue 0**

[4] Equipment: **Explosion proof analogue telephone
TEL 769 * ** & TEL 779 * ****

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

[6] Address: **Via Palermo, 12 - I-20090 Assago (MI) Italy**

[7] This equipment 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 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 of the Directive. The examination and test results are recorded in the confidential Report N°EPT.23.REL.03/1913130


[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 60079-7:2015, EN IEC 60079-7:2015/A1:2018; EN 60079-11:2012; EN 60079-18:2015; EN 60079-18:2015/A1:2017; EN 60079-31:2014

[10] If the sign "X" is placed after the Certificate number, it indicates that the equipment is subject to the special conditions for safe use specified in the annex to this Certificate.

[11] This EU-TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified equipment.

Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this equipment. These requirements are not object of this Certificate.

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


II 2 GD Ex eb ib mb IIC T5 Gb & Ex ib tb IIC T100 °C Db -50 °C ≤ Ta ≤ +50 °C

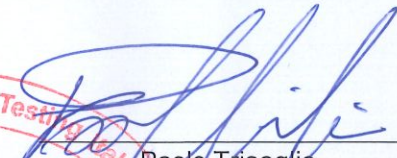
II 2 GD Ex eb ib mb IIC T6 Gb & Ex ib tb IIC T85 °C Db -50 °C ≤ Ta ≤ +40 °C

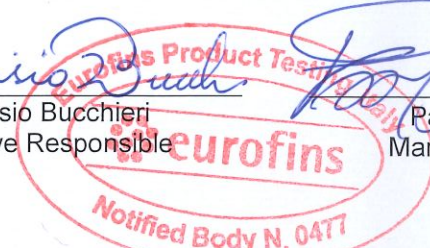
Place and date of issue:

(DD-MM-YYYY)

Torino, 19-01-2023


Dionisio Bucchieri
Directive Responsible


Paolo Trisoglio
Managing Director


Eurofins
Notified Body N. 0477



PRD N° 119B

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

CP-ATEX-MOD-26-00

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



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[14]

ANNEX
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[15] Equipment description

TEL 769 * ** & TEL 779 * ** series are explosion proof analog telephones designed for use in potentially explosive atmosphere with EPLs Gb and Db.

The main body of device is composed by an aluminum enclosure, protected by increased safety "e" and dust-tight "t" methods.

Inside the enclosure are installed the circuit boards protected by intrinsic safety "i" and encapsulation "m" methods.

The external connections are made via increased safety approved terminal blocks, that protruding from the encapsulated main circuit board.

Safety ratings

Um = 160 V r.m.s. (60 V dc + 100 V ac 20 ÷ 60 Hz, superimposed)

Maximum power input is defined as 1.2 W.

Warning label

- "WARNING – DO NOT OPEN WHEN ENERGIZED"

- "WARNING – AFTER DE-ENERGIZING, DELAY 5 MINUTES BEFORE OPENING"

Routine tests

The manufacturer shall carry out routine test prescribed at clause 9.1 of the IEC 60079-18 and clause 7.1 of the IEC 60079-7 at 1500 V maintained for at least 60 seconds, on complete device, with a maximum leakage current of 5 mA.

[16] Assessment Report n° EPT.23.REL.03/1913130

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] Special condition for a safe use

- Potential electrostatic charging hazard- See Instructions (only applicable for category 2D).
- Overvoltage of the supply system shall be limited to category II, according to IEC 60664-1.

[18] Essential Health and Safety Requirements

Assured by compliance with harmonized standards.

[19] Descriptive documents

The equipment 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
Technical description	TEL769-PS-001	4	12/12/2022
Safety Instruction	TEL769-22-IM-001	0	10/11/2022
Drawing	TEL769-MD-001	0	07/11/2022
Drawing	111296-Ex-MD-001	1	28/10/2022
Drawing	251384-16-MD-001	1	19/04/2017
Drawing	251400-16-MD-001	1	20/04/2017



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[19] Descriptive documents
(Continued)

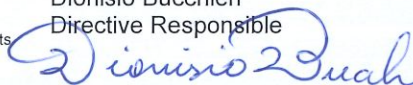
Type of document	Document identification	Rev.	Date
Drawing	251401-16-MD-001	1	20/04/2017
Drawing	251402-16-MD-001	1	20/04/2017
Drawing	251436-Ex-MD-001	1	20/04/2017
Drawing	251438-Ex-MD-001	1	20/04/2017
Drawing	251623-EX-MD-001	0	29/04/2019
Drawing	251625-EX-MD-001	0	29/04/2019
Drawing	251626-EX-MD-001	0	29/04/2019
Drawing	251632-Ex-MD-001	0	29/04/2019
Drawing	251635-Ex-MD-001	0	02/05/2019
Drawing	251636-Ex-DD-001	0	02/05/2019
Drawing	251670-Ex-MD-001	0	09/10/2019
Drawing	251672-Ex-MD-001	0	16/10/2019
Drawing	251673-Ex-MD-001	0	16/10/2019
Drawing	251677-Ex-MD-001	0	04/11/2019
Drawing	251678-Ex-MD-001	0	05/11/2019
Drawing	251679-Ex-MD-001	1	27/06/2022
Drawing	251681-Ex-MD-001	0	06/11/2019
Drawing	251684-Ex-MD-001	0	06/11/2019
Drawing	251685-Ex-MD-001	0	07/11/2019
Drawing	251686-Ex-MD-001	2	21/11/2019
Drawing	251687-Ex-MD-001	0	08/11/2019
Drawing	251688-Ex-MD-001	0	08/11/2019
Drawing	251689-EX-MD-001	0	08/11/2019
Drawing	251690-Ex-MD-001	2	09/12/2019
Drawing	251691-Ex-MD-001	0	11/11/2019
Drawing	251692-Ex-MD-001	0	14/11/2019
Drawing	251695-19-MD-001	0	11/12/2019
Drawing	251848-EX-MD-001	0	30/06/2022
Drawing	802083-15-DD-100	0	09/05/2017
PCB Layout	802083-15-MD-001	1	02/12/2016
Schematics	802090-17-ED-001	0	18/04/2017
Drawing	808127-16-DD-100	0	09/05/2017
PCB Layout	808127-16-MD-001	1	05/12/2016
Schematics	808136-17-ED-001	0	18/04/2017



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[19] Descriptive documents

(Continued)

Type of document	Document identification	Rev.	Date
Bill of Materials	808136-17-ML-001	0	18/04/2017
Drawing	808140-17-DD-001	0	23/03/2017
Drawing	808133-16-DD-100	0	09/05/2017
PCB Layout	808133-16-MD-001	2	05/04/2017
Drawing	808137-17-ED-001	0	18/04/2017
Bill of materials	808137-17-ML-001	0	18/04/2017
Drawing	808139-17-DD-001	0	28/03/2017
Drawing	808189	0	16/05/2022
PCB Layout	808189-22-MD-001	0	16/05/2022
Schematic	808190-22-ED-001	0	19/10/2022
Bill of Materials	808190-22-ML-001	0	03/11/2022

[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.	19-01-2023



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End of Certificate