



[1] **EC-TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System intended for use
in potentially explosive atmospheres
Directive 94/9/EC**

[3] EC-Type Examination Certificate number:

CESI 01 ATEX 105

[4] Equipment: Terminal boxes series S, S.1, GUA, GUF, EAH.

[5] Manufacturer: **EL.FIT S.p.A.**

[6] Address: Via Aquileia 12, Villesse, Gorizia (Italy)

[7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] CESI, notified body n. 0722 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report n. EX-A1/039691.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014: 1997 + A1...A2 EN 50018: 2000 EN 50281-1-1:1999

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

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[12] The marking of the equipment or protective system shall include the following:

II 2 GD EEx d IIC T6 or T5 IP 66/67 T85°C or T100°C

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date December 21st, 2001 - translation issued on December 21st, 2001

prepared CERT - M. Balaz

CESI

CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO
Business Unit Certificazione

approved CERT - U. Colombo

FI/Responsabile

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[13]

Schedule

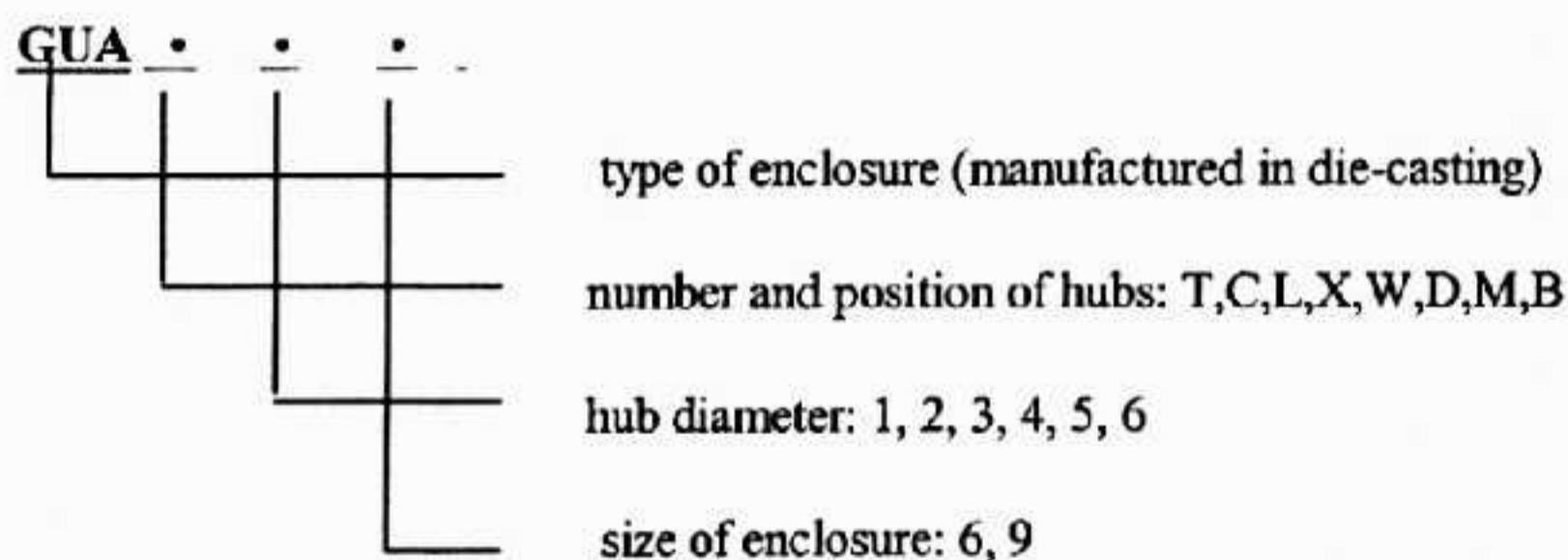
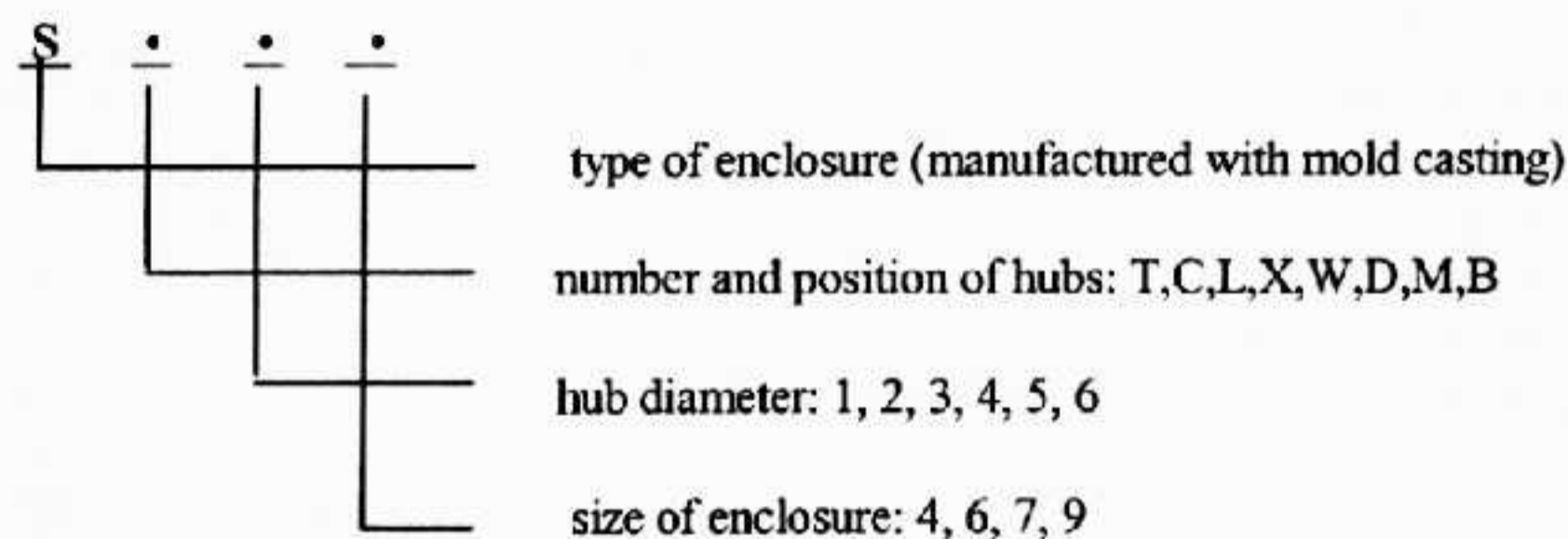
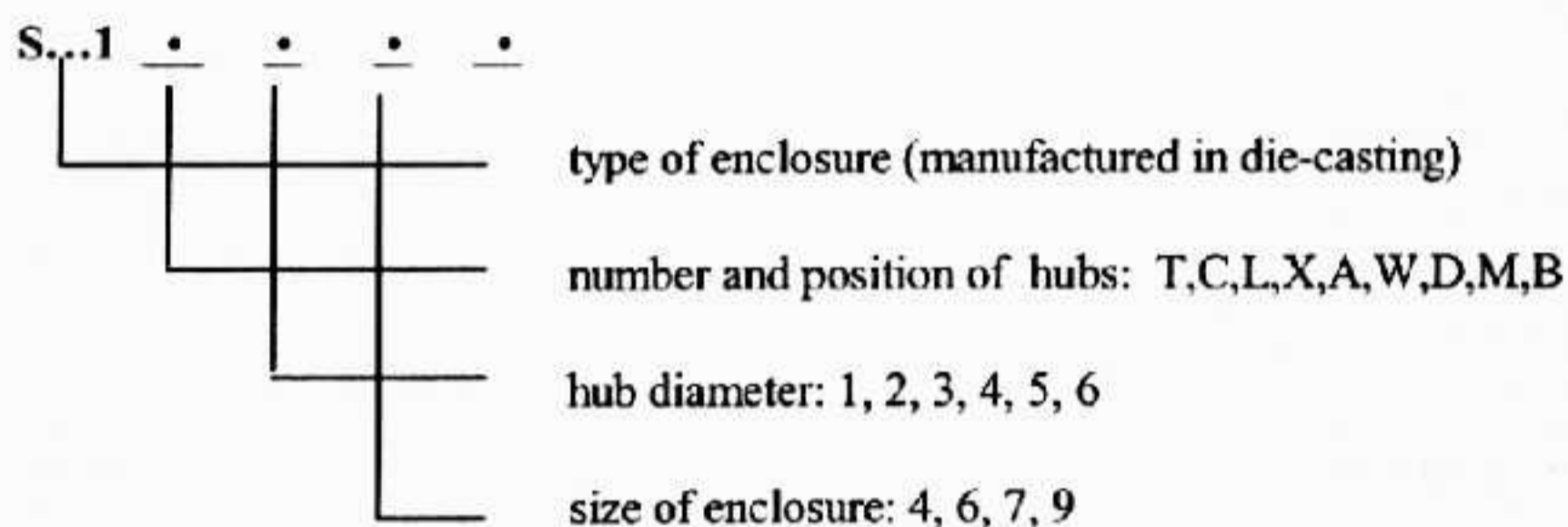
[14] **EC-TYPE EXAMINATION CERTIFICATE N. CESI 01 ATEX 105**

[15] **Description of equipment**

Terminal boxes series S.1, S, GUA, GUF, EAH.

The enclosures of these terminal boxes are generally made in aluminium alloy. As an alternative they can also be made in brass or in stainless steel (see technical note A4-842 annexed to this certificate).

The various models of the terminal boxes subject of this certificate are identified by a code as follows:



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[13]

Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE N. CESI 01 ATEX 105**

[16] **Report n. EX-A1/039691**

Routine tests

The manufacturer shall carry out the routine tests prescribed at clause 24 of the EN 50014 standard.

The manufacturer is exempted from the routine overpressure test since the terminal boxes have passed the type overpressure test carried out with the static method at 4 times the reference pressure:

- 51.5 bar for enclosures of size 4 and 6 (for operation at - 40°C)
- 35.5 bar for enclosures of size 7 and 9 (for operation at - 20°C)

Descriptive documents (prot. EX-A1/039693)

- n° A4-842 Rev. 0 (7 p.)	dated	15.03.2001
- n° A3-229 Rev. 0	dated	19.03.2001
- n° A3-230 Rev. 0	dated	15.03.2001
- n° A3-239 Rev. 0	dated	01.10.2001
- n° A2-191 Rev. 0	dated	15.03.2001
- n° A4-801 Rev. 0	dated	01.06.2000
- n° A1-013 Rev. 0	dated	20.03.2001
- n° A1-014 Rev. 0	dated	20.03.2001
- n° A1-015 Rev. 0	dated	20.03.2001
- Technical data of resin EPDM 70 black	dated	29.11.2001
- Technical data of resin NBR 70 black	dated	03.11.2000
- Technical data of resin Silicon 70 red	dated	04.02.2001
- Technical data of resin FKM (VITON) 70 black	dated	29.11.2001
- Safety instructions Amxe A/17 Rev. 0 (6 p.)	dated	01.06.2000
- EC declaration of conformity n° CE/003	dated	19.03.2001

One copy of all documents is kept in CESI files.

[17] **Special conditions for safe use**

None.

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

Covered by standards.