



CESI
Centro Elettrotecnico
Sperimentale Italiano
Giacinto Motta SpA

Via R. Rubattino 54
20134 Milano - Italia
Telefono +39 022125.1
Fax +39 0221255440
www.cesi.it

Capitale sociale 8 550 000 €
interamente versato
Codice fiscale e numero
iscrizione CCIAA 00793580150

Registro Imprese di Milano
Sezione Ordinaria
N. R.E.A. 429222
P.I. IT00793580150

[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 05 ATEX 005

[4] **Equipment:** Earthing clamp type IT25

[5] **Manufacturer:** F.E.A.M. S.r.l.

[6] **Address:** Via M. Pagano, 3 – 20090 Trezzano sul Naviglio (MI) - 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-A5001626.

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

EN 50014: 1997 + A1..A2

EN 50018: 2000 + A1

[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 G

EEx d IIC T6

This certificate may only be reproduced in its entirety and without any change, schedule included.

Date 19 January 2005 - Translation issued the 19th January 2005

Prepared

Bruno Pavanati

Verified

Mirko Balaz

Approved

Ulisse Colombo

CESI

CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO

Business Unit Certificazione

SI Responsabile

Schema di certificazione

CESI-ATEX

Il CESI è stato autorizzato dal governo italiano ad operare quale organismo di certificazione di apparecchi e sistemi destinati a essere utilizzati in atmosfera potenzialmente esplosiva con D.M. 1/3/1983, D.M. 19/6/1990, D.M. 20/7/1998 e D.M. 27/9/2000

[13]

Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE n. CESI 05 ATEX 005**

[15] **Description of equipment**

Earthing clamp type "IT25". A special code identifies the fixing system to the structure as indicated in the documents annexed to this certificate.

Cable entry

The earthing clamp type IT25 is provided with a cable entry suitable for cables with minimum conductor cross-section of 16 mm² and having external sheath diameter from 8 to 11 mm.

Electrical characteristics

- Insulation voltage: 3 kV
- Maximum current: 20 A
- Ambient temperature: -20 ÷ +55 °C

Warning label

"Attention – Electrostatic charges – clean only by damp cloth or anti-static products"

[16] **Report n. EX-A5001626**

Routine tests

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

Descriptive documents (prot. EX-A5001724)

- Technical note n. NT-023/ATEX (4 pg.) dated 16.12.2004
- Drawing n. AC023/ATEX (2 pg.) dated 16.12.2004
- Safety instructions n. IU023/ATEX (2 pg.) dated 16.12.2004

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.

This certificate may only be reproduced in its entirety and without any change, schedule included.