

Translation

(1) **Statement of Conformity**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**



(3) **Statement of Conformity Number: TÜV 09 ATEX 555456 X**

(4) for the equipment: High Voltage Induction Motors model series F. C

(5) of the manufacturer: CG Electric Systems Hungary ZRT

(6) Address: Mariassy u. 7
H - 1095 Budapest Hungary

Order number: 8000555456

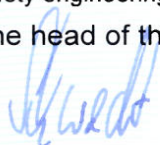
Date of issue: 2010-04-21

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this statement of conformity and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH 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 the confidential report No. 09 204 555456.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | | |
|-------------------|-------------------|-------------------|
| EN 60079-0:2006 | EN 60 079-1:2007 | EN 60 079-7:2007 |
| EN 60 079-11:2007 | EN 60 079-15:2005 | EN 60 079-18:2004 |
- (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 statement of conformity relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:

 **II 3 G Ex nA d e ib resp. ia m IIC T3**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the certification body



Schwedt

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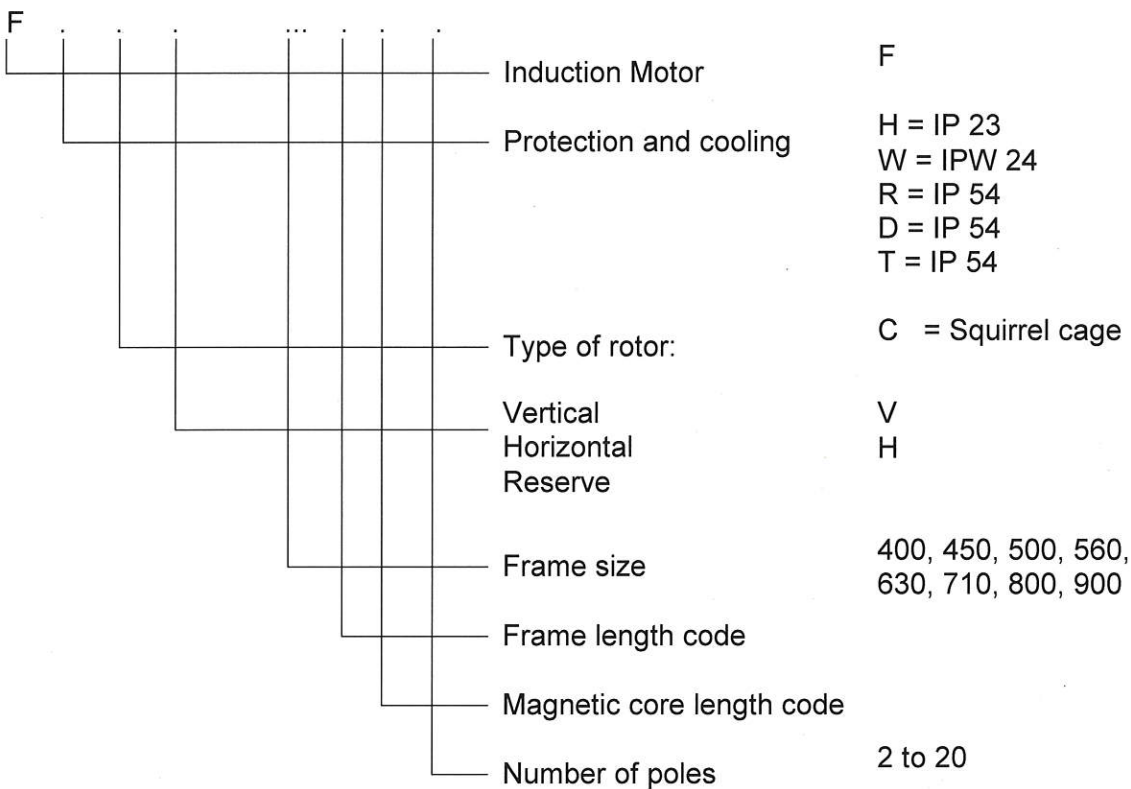
(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV 09 ATEX 555456 X**

(15) Description of equipment

The High Voltage Induction Motors model series F. C in the type of protection “non sparking” covers the following design Layout:

Type key



Technical data

The three-phase a.c. motor may be designed with the following technical data:

Permitted range of ambient temperature	- 20 °C to 40 / 55 °C
Permitted range of cooling water temperature	25 °C to 38 °C
Shut off temperature of the slot temperature	135 °C
Insulation class	F
Operation mode	S1
Rated power	190 kW to 5 MW
Rated Voltage	3 kV to 15 kV ±5%
Rated frequency	50 Hz / 60 Hz ±2%
Rated current	21 A to 535 A
Rated power of the stator heaters	0.5 kW to 2 kW

Schedule Statement of Conformity No. TÜV 09 ATEX 555456 X

(16) Test documents are listed in the test report No. 09 204 555456.

(17) Special conditions for safe use

If the validation of the Squirrel cage resp. the stator coil according chapter 17.7.3 resp. 17.9.2 each greater than 6 the high voltage induction motors have to operated with

- space heaters to avoid condensation and
- gas sensors

(18) Essential Health and Safety Requirements

no additional ones