



Certificate of Compliance

Certificate: 2542839

Master Contract: 186833

Project: 2542839

Date Issued: July 30, 2012

Issued to: COEL MOTORI S.r.l.
Via Campania, 40
20090 - Fizzonasco di Pieve Emanuele (MI)
ITALY
Attention: Mr Andrea Paone

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator 'US'



Issued by: E.Giusti
E.GIUSTI

PRODUCTS

CLASS 4228 81 – MOTORS AND GENERATORS for Hazardous Locations- Certified to U.S. Standards

Class I, Division 1, Groups C, D;
Class II, Division 1, Group E, F and G; Class III;

Component Type Electromagnetic Brakes, Insulation Class F, Models VIS N xxx-xxx, rated 24 to 600Vac, 50 / 60 Hz or 24 to 300 Vdc, 15 A max.

Ambient temperature range is linked to Temperature Class (Tcode) and models as per table below:

Model / T code	T3 / T4	T5
VIS N250/280	-20°C... +55°C	-20°C... +60°C
VIS N63 to 200	-50°C... +55°C	-20°C... +60°C

Notes:

1. The subject electromagnetic brakes have been evaluated as Components for electrical safety only: mechanical tests and braking force have not been evaluated. Final combination might be subject to further evaluation by local authorities having jurisdiction.



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2. Equipment for use in Class II locations shall not exceed the ignition temperature of the specific rated dust or 165°C, whichever is lower, when installed in locations which are classified due to organic dusts that may dehydrate or carbonize.
3. The automatic reset thermal protectors are to be used in a certified external control circuit of 250 Vac or less, 15A max.

APPLICABLE REQUIREMENTS

FM 3600 : 2011	Approval Standard for Electrical Equipment for use in Hazardous (Classified) Locations General Requirements
FM 3616 : 2011	Dust-Ignitionproof Electrical Equipment General Requirements
FM 3615 : 2006	Explosionproof Electrical Equipment
ANSI/IEC 60529 : 2004	Degrees of Protection Provided by Enclosures (IP Code) (identical national adoption)
FM 3810 : 2005	Approval Standard for Electrical Equipment for Measurement, Control, and Laboratory Use
ANSI/ ISA-61010-1 (82.02.01) : 2004	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1 General Requirements

MARKINGS

The following markings are applied on a metal nameplate, secured by rivets:

1. Manufacturers name, tradename or CSA Master Contract number "186833" adjacent to the CSA mark.
2. Complete electrical ratings in Volts (Vdc or Vac), frequency (Hz) and amperes (A).
3. Duty Service if different than 1
4. Model number
5. The CSA mark with adjacent indicator 'US'
6. Serial number.
7. Hazardous locations designation
8. "Warning: Explosion hazard, Do not disconnect power unless power has been switched off or the area is known to be non-hazardous"
9. "Warning: Seals shall be installed at enclosure wall"



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
2542839	July 30, 2012	Original Certification.