

Certificate of Compliance

Certificate: 1478630

Master Contract: 177550

Project: 2129731

Date Issued: March 4, 2009

Issued to: Precima Magnettechnik GmbH
Bahnhofstrasse 68
31691 Helpsen
GERMANY

*The products listed below are eligible to bear the CSA Mark shown
with adjacent indicators 'C' and 'US'*



Issued by: Stanislav Christov

Authorized by: M.H.J. Hoendervangers
Area Director Europe

A handwritten signature in blue ink, appearing to read 'M. Hoendervangers'.

PRODUCTS

Class 4211 01 - Motors and Generators

Class 4211 81 - Motors and Generators – CERTIFIED TO US STANDARDS

Part A: Electric Motor Brakes, component types, max 340Vdc, max 210 W, continuous duty, Types FDB, FDW, FDD, FDR, FLC, FMB, OLB, OLG, OLK, OMB.

Part B: Rectifiers, component type for use with Brakes of Part A, supply voltage max 600 V; sec. max 345 Vdc, 2 A, types PME, PMEA, PMG, PMB.

Notes:

- 1 The Type designation is to be followed by suffixes indicating size, mechanical features and supply voltage, braking torque.
- 2 Certified only as components, for use with other Certified equipment, where the suitability of the combination is determined by CSA International or other NRTL.

APPLICABLE STANDARDS

CSA C22.2 No. 100	-	Motors and Generators
UL 1004	-	Electric Motors

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

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
2129731	March 4, 2009	Update to report to include alternate components and new models for motor brakes and rectifiers.
1569071	June 21, 2004	Update of certificate 1478630, addition of standard UL 508 and CSA 14 to part A, modification of class nos.
1478630	October 1, 2003	Change of Type designation, addition of FLC and FMB series, addition of rectifiers PME, PMB, PMG.
-4	August 25, 1999	cCSAus, Addition of Class 4211 81
-2	January 27, 1999	Alternate components.
LR 76927-1	August 24, 1993	CSA, original certification.