



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 1991110

**Master Contract:** 233653

**Project:** 1991110

**Date Issued:** 2008/09/04

**Issued to:** **EBRO Armaturen USA**  
**6727 Theall Road, Suite D**  
**Houston, TX 77066**  
**USA**  
**Attention: Chris Dana**

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



**Issued by:** Doug Bramwell, C.E.T.

**Authorized by:** Patricia Pasemko, Operations Manager

## **PRODUCTS**

**CLASS 3221 02** - VALVES - Actuators

**CLASS 3221 82** - VALVES - Actuators - Certified to US Standards

Motor Operated Electric Valve Actuators, permanently connected, duty cycle 30%, Enclosure Type 4, 4X, 6:

- 110 Vac, 60 Hz, single phase, Model E65WS, rated 2.0 A, 100 Nm; Model E110WS, rated 2.0 A, 400 Nm; Model E160WS, rated 2.0 A, 1200 Nm.
- 480 Vac, 60 Hz, three phase, Model E65DS, rated 0.45 A, 100 Nm; Model E110DS, rated 0.85 A, 400 Nm; Model E160DS, rated 0.85 A, 1000 Nm; Model E210DS, rated 2.2 A, 3500 Nm.

Notes:

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.



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1. The subject valve actuators are Certified for component use only in other equipment where the suitability of the combination will be determined by the CSA International.

2. Valve actuators may be provided with optional configurations and accessories indicated by a Code designation on the nameplate in the form of two digits indicating the month of manufacture, two digits indicating the year of manufacture followed by two digits indicating the accessories installed

**APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 0 - General Requirements - Canadian Electrical Code, Part II

CSA Std C22.2 No. 0.4 - Bonding of Electrical Equipment

CAN/CSA C22.2 No. 94 - Special Purpose Enclosures

CSA Std C22.2 No. 139 - Electrically Operated Valves

ANSI/UL 50 - Electrical Enclosures

UL Std 429 - Electrically Operated Valves