

# Certificate of Compliance

**Certificate:** 1487022 (LR 109156)

**Master Contract:** 163694

**Project:** 1487022 (Edition 1)

**Date Issued:** March 3, 2004

**Issued to:** Exlar Corporation  
1470 Lake Dr W  
Chanhassen, MN 55317  
USA

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



**Issued by:**



Alexander Kandathil, C.E.T.

**Authorized by:**



Patricia Pasemko  
Operations Manager

**CLASS**

3228 02 - VALVES - Actuators - For Hazardous Locations

3228 82 - VALVES - Actuators - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

**PRODUCTS**

Class I, Group B, C & D, T-Code T3B with 33A current rating or T4 with 27A current rating

ER115 Series Rotary Actuators, Rated: 24 / 48 VDC or 115 to 460 VAC, 50 / 60 Hz., 27 to 33 A.

**Notes:**

1. This report covers certification of the actuator only. The associated electronic controller(s) required for the use of the actuator are not covered in this report. The suitability of the controller-actuator combination is based upon acceptance of the authority having jurisdiction.
2. Alpha-numeric suffixes may appear after the model number for descriptive purposes only.

**APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No 0-M1991 - General Requirements - Canadian Electrical Code Part II.

CSA Standard C22.2 No 0.4-M1982 - Bonding and Grounding of Electrical Equipment (Protective Grounding)

CSA Standard C22.2 No 0.5-M1982 - Threaded Conduit Entries

CSA Standard C22.2 No 30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.

CSA Standard C22.2 No 139-1982 - Electrically Operated Valves.

UL Standard No 429 Fourth Ed. - Electrically Operated Valves

UL Standard No 1002 Sixth Ed. - Electrically Operated Valves for Use in Hazardous (Classified) Locations.

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.



CSA INTERNATIONAL

## *Supplement to Certificate of Compliance*

**Certificate:** 1487022 (LR 109156)

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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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1487022	March 3, 2004	Original Certification of Rotary Actuators - Series ER115.

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.