



# Certificate of Compliance

**Certificate:** 1694325 (LR 79567)

**Master Contract:** 178618

**Project:** 1851935

**Date Issued:** 2006/11/09

**Issued to:** Indelac Controls, Inc.  
6810 Power Line Dr  
Florence, KY 41042  
USA  
Attention: Larry Robinson

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



**Issued by:** Peter Schimmoeller

**Authorized by:** David Schaefer, Manager of Certification Services

## PRODUCTS

**CLASS 3221 02** - VALVES - Actuators

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

Electric Valve Actuators Series MS, ML and MH.

MS rated 400 in-lb, Enclosure Type 4,

- Normal Duty Cycle: 10 sec per 90°, 120 VAC, 60 Hz, 1.1 A 25% duty, or
- Extended Duty Cycle: 20 sec per 90°, 120 VAC, 60 Hz, 0.75 A 75% duty

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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ML rated 1000 in-lb, Enclosure Type 4,

- Normal Duty Cycle: 15 sec per 90°, 120 VAC, 60 Hz, 1.1 A 25% duty, or
- Extended Duty Cycle: 30 sec per 90°, 120 VAC, 60 Hz, 0.75 A 75% duty

MH rated 1500 in-lb, Enclosure Type 4

- Normal Duty Cycle: 30 sec per 90°, 120 VAC, 60 Hz, 1.1 A 25% duty, or
- Extended Duty Cycle: 60 sec per 90°, 120 VAC, 60 Hz, 0.75 A 75% duty

Notes:

1. Alphanumeric Suffixes, B, D, O, R, U, X, F, P, P1, 1, 2, 4 or 5 denotes electrical and mechanical variations.
2. Options include motor brake and auxiliary switches.

**APPLICABLE REQUIREMENTS**

C22.2 No. 139-1982 (Reaffirmed 2000) - Electrically Operated Valves

C22.2 No. 94-M91 (Reaffirmed 2001) - Special Purpose Enclosures

UL 429, 5th Edition (8 Oct 2004) - Electrically Operated Valves

UL 50, 11th Edition (12 Sep 2003) - Enclosures for Electrical Equipment



## *Supplement to Certificate of Compliance*

**Certificate:** 1694325

**Master Contract:** 178618

*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>
1851935	2006/11/09	Listing updated to confirm Normal and Extended Duty Cycle Time
1791920	2006/05/19	Alternate construction. Addition of alternate components.
1694325	2005/08/30	Original Certification. MH, ML, and MS series valve actuators.



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