

# Certificate of Compliance

Certificate: 1385970

Master Contract: 174756

Project: 1385970

Date Issued: January 8, 2003

Issued to: **El-O-Matic B.V.**  
**Emerson Process Management**  
**Valve Automation Division**  
**Postbus 223**  
**Hengelo, 7550 AE**  
**NETHERLANDS**

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



Authorized by: Davey Li, P. Eng.  
Manager - Engineering

## PRODUCTS

CLASS 3221 02 - VALVES- Actuators

CLASS 3221 82 - VALVES- Actuators – Certified to U.S. Standards

Valve actuators, Continuous duty, Max. Amb. 60 ° C, Types:

ELQ 100, 24 Vdc, 4 A; 120/240/400 Vac, single phase, 50/60 Hz, 1.1/0.55/0.3 A, output max. 100 Nm

ELQ 200, 24 Vdc, 4 A; 120/240/400 Vac, single phase, 50/60 Hz, 1.1/0.55/0.3 A, output max. 200 Nm

ELQ 300, 24 Vdc, 4 A; 120/240/400 Vac, single phase, 50/60 Hz, 1.1/0.55/0.3 A, output max. 300 Nm

ELQ 500, 24 Vdc, 5 A; 120/240/400 Vac, single phase, 50/60 Hz, 1.7/0.9/0.5 A, output max. 500 Nm

ELQ 800, 24 Vdc, 5 A; 120/240/400 Vac, single phase, 50/60 Hz, 1.7/0.9/0.5 A, output max. 800 Nm

## Notes

- 1 Certified for use in equipment where the suitability of the final installation is to be determined by local authorities
- 2 Valve actuators are provided with position switches to be connected in external ELV-circuits
- 3 Vactuators may be provided with different cable entry threadings

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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**APPLICABLE REQUIREMENTS**

- |   |   |  |
|---|---|--|
| CSA Std C22.2 No. 0-M91                   | - | General Requirements                           |
| CSA Std C22.2 No. 139- 1982               | - | Electrically Operated Valves                   |
| CSA Std C22.2 No. 100                     | - | Motors & Generators                            |
| UL Std No. 2111 - 1 <sup>st</sup> Edition | - | Overheating Protection for Motors (as a guide) |
| UL Std No. 1004 - 5 <sup>th</sup> Edition | - | Electric Motors (as a guide)                   |
| UL Std No. 429 - 5 <sup>th</sup> Edition  | - | Electrically Operated Valves                   |



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1385970	January 8, 2003	cCSAus Certification on Valve Actuators, Types: ELQ 100, ELQ 200, ELQ 300, ELQ 500, ELQ 800.