



Certificate of Compliance

Certificate: 80011874

Master Contract: 175131

Project: 80011874

Date Issued: 2019-09-05

Issued To: Elster GmbH
Postfach 2809
Osnabrueck, Niedersachsen, 49018
Germany

Attention: Norbert Saalmann

The products listed below are eligible to bear the CSA Mark shown



Issued by: Ying Wang, P. Eng.
Ying Wang, P. Eng.

PRODUCTS

CLASS - C322102 - VALVES General purpose Actuators

CLASS - C322182 - VALVES Actuators - Certified to US Standards

Electrical coil-operated valve actuator model MB7 – general purpose, rated: 24Vdc, 120Vac, 230 Vac 50/60Hz; 75 W at 24dc, 83 W at 120V, 83 W at 230V; Operating Speed: < 1sec/90° rotation; continuous operation; Ambient Temperature: -20°C to +60°C (-4 to +140°F), 6,000 cycles.

Nomenclature:

$\frac{MB}{I}$	$\frac{7}{II}$	$\frac{N}{III}$	$\frac{Q}{IV}$	$\frac{3}{V}$	$\frac{A}{VI}$
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I - MB – Solenoid actuator

II - 7 - Actuator type



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- III - Running time (sec/90°)
 - N – Quick opening, quick closing
 - L – Slow opening, quick closing
 - R - Slow opening, Slow closing

 - IV - Mains Voltage Range
 - Q – 120Vac, 50/60Hz

 - V - Electrical connection
 - 3 - Terminal connection box, IP65
 - 6 – terminal box with 3-pin standard socket, IP65

 - VI - A – Customer Options
 - Blank – No customer options**

Notes:

1. Valve actuators are evaluated as general purpose valve actuator with 6,000 operations, intended for 90° turn operations. Optional safety closing function is not evaluated as a safety valve.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 139-13:	Electrically Operated Valves
ANSI/UL 429 (7 th Edition):	Electrically Operated Valves

MARKINGS

See report for detail.



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
80011874	2019-09-05	Original report for Actuator MB7 according to C22.2 No 139-13 and UL429 7 Ed.