



Certificate of Compliance

Certificate: 1821895

Master Contract: 236132

Project: 80038632

Date Issued: 2020-11-30

Issued To: Valpes Z.I. Centr'alp
89 Rue des Etangs
Moirans, 38430
France

Attention: Herve Mestrallet

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: Mahdiah Taghizadeh
Mahdiah Taghizadeh



PRODUCTS

CLASS - C322102 - VALVES General purpose Actuators

CLASS - C322182 - VALVES Actuators - Certified to US Standards

General purpose actuator Model V series, - 100-240Vac, 50/60Hz, 1 Phase, 45VA max; 100 - 350Vdc, 45W max; 15 - 30Vac, 50/60Hz, 1 Phase, 45VA max; 12 - 48Vdc, 45W max; 60Nm (max.) 100-240Vac, 50/60Hz, 240 Nm (max.), 90° Rotation angle, 50% Duty Cycle, Ambient -50°C to 70°C.

Indoor and outdoor use with submersion type enclosure rating. Four limit switches (max.): 240Vac, 50/60Hz, 5A (resistive) max.

Note:

1. The above actuator is certified as components to be used in other CSA Certified equipment, where the suitability of the combination is to be determined by CSA-International.
2. The control system has not been investigated for functional safety evaluation or limiting applications.
3. This product has not been certified as modulating actuator.



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4. For all AC supplied models of the VS and VR series (except for VS300 Series 300N and VR75 Series 75N models), the duty cycle is 80% at 50°C maximum ambient temperature and it decreased linearly to 50% at 60°C maximum ambient temperature and 20% at 70°C maximum ambient temperature.
5. For AC supplied VS300 Series 300N models, the duty cycle is 50% at 45°C maximum ambient temperature and it decreased linearly to 20% at 60°C maximum ambient temperature.
6. For AC supplied VR75 Series 75N models, the duty cycle is 80% at 45°C maximum ambient temperature and it decreased linearly to 50% at 60°C maximum ambient temperature and 20% at 70°C maximum ambient temperature.
7. For all DC supplied models the duty cycle is 80% at 60°C maximum ambient temperature and it decreased linearly to 50% at 65°C maximum ambient temperature and 20% at 70°C maximum ambient temperature.
8. The installation of the actuator in the final application shall prevent excessive heat transfer from the valve to the actuator by additional mounting bracket or similar device. To be evaluated in the end application.
9. With the P5 (Drive and Recopy PCB) option the maximum torque is 250N.
10. All actuators shall be mounted on the vertical axis (indicator toward the top).
11. All actuators shall be protected in the end application by an over current branch circuit protection device (circuit breaker or fuse) rated 3A. Ac, or 5A dc for dc supply version.
12. Safety factor 1.5 has to be taken to determine torque. For example, VS300 m.N (max.) to be operated at torque 200m.N.
13. All documents including manual shall not contain the words "Failsafe or/and battery backup for failure as an option"

APPLICABLE REQUIREMENTS

CSA C22.2 No. 139-19 - Electrically operated valves - Fourth Edition
UL 429:2013 - Electrically Operated Valves - Seventh Edition

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
80038632	2020-11-30	Update to Report 1821895 to complete product testing/evaluation and to cover the SNBA140000 and SNBA150000 boards (Optional FAILSAFE control board) on existing V series.
80010240	2019-09-17	Update report 1821895 to change ambient.
70218096	2019-04-11	Update to Report 1821895 (70139610) to add alternate components and to correct description of components - Model V Series
70139610	2017-07-20	Update report 1821895 to model: VSA and VRA series