



Certificate: 2491243
Project: 70207875

Master Contract: 226201
Date Issued: 2021-06-16

1020-X	24	50/60	4.26	200	80%	30/25	--	--	--	--
	110	50/60	0.73	200	80%	30/25	--	--	--	--
	220	50/60	0.45	200	80%	30/25	--	--	--	--
1020S-X	110	50/60	0.73	200	80%	30/25	2-10	4-20	24	4-20
	220	50/60	0.45	200	80%	30/25	2-10	4-20	24	4-20
1040-X	24	50/60	7.2	400	80%	45/37	--	--	--	--
	110	50/60	1.22	400	80%	30/25	--	--	--	--
	220	50/60	0.64	400	80%	30/25	--	--	--	--
1040S-X	110	50/60	1.22	400	80%	30/25	2-10	4-20	24	4-20
	220	50/60	0.64	400	80%	30/25	2-10	4-20	24	4-20
1060-X	110	50/60	1.27	600	80%	45/37	--	--	--	--
	220	50/60	0.66	600	80%	45/37	--	--	--	--
1060S-X	110	50/60	1.27	600	80%	45/37	2-10	4-20	24	4-20
	220	50/60	0.66	600	80%	45/37	2-10	4-20	24	4-20
1100-X	110	50/60	2.39	1000	70%	30/25	--	--	--	--
	220	50/60	1.16	1000	70%	30/25	--	--	--	--
1100S-X	110	50/60	2.39	1000	70%	30/25	2-10	4-20	24	4-20
	220	50/60	1.16	1000	70%	30/25	2-10	4-20	24	4-20
1160-X	110	50/60	2.36	1600	70%	48/40	--	--	--	--
	220	50/60	1.18	1600	70%	48/40	--	--	--	--
1160S-X	110	50/60	2.36	1600	70%	48/40	2-10	4-20	24	4-20
	220	50/60	1.18	1600	70%	48/40	2-10	4-20	24	4-20
1250-X	110	50/60	2.46	2500	70%	75/63	--	--	--	--
	220	50/60	1.19	2500	70%	75/63	--	--	--	--
1250S-X	110	50/60	2.46	2500	70%	75/63	2-10	4-20	24	4-20
	220	50/60	1.19	2500	70%	75/63	2-10	4-20	24	4-20

For the Models without letter "S", the signal output terminals 4, 5 and 6 are intended to be connected to an external load not more than 2A 250VAC general purpose, 2A 30DC Res.

Notes:

- Suffix may be added for features not affecting certification.
- Model nomenclature, Suffix Letter S denotes provided with a Control Module Box, blank denotes not provided.
- Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 139-13
 UL 429 (Seventh Edition)

- Electrically Operated Valves
- 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

Project	Date	Description
70207875	2021-06-16	Update report 2491243 to include the following alterations: <ol style="list-style-type: none">1. Changed the ambient temperature from 0 to 40 Deg C to -25 to 55 Deg C;2. Changed the model designation of Control Module Boxes, SF-LB to SF-PC, and SF-ZB to SF-ZC;
70148578	2018-09-21	Update report to include the following alterations: <ol style="list-style-type: none">1. Change the motor start capacitors for the 24Vac motors used on models 1005-X(24Vac), 1010-X(24Vac), 1020-X(24Vac) and 1040-X(24Vac);2. Replace the ON/OFF switch;3. Replace the Terminal Block for models without suffix "S";
70083355	2016-07-12	Update report 2491243 to include the following alterations: 1. Current using two different labels, after modification there will be only one label for both ON/OFF and Modulating type. 2. Correct the current rating of Model 1040-X from 2.42/2.49 to 4.55/4.65. 3. Correct the rating of Model 1040-X from 3.14/3.12 to 4.55/4.65. 4. Correct the rating of start capacitors (on page 15 of report). 5. In compliance with latest standards.
2491243	2012-07-27	Original Certification. Electric Valve Actuators, 1yyy-X series, motorized, general purpose, Type 4X Enclosure, Class B Insulation, 6,000 cycles,