



Certificate of Compliance

Certificate: 80068059

Master Contract: 204450

Project: 80171466

Date Issued: 2023-11-27

Issued To: Sun Yeh Electrical Ind.Co.,Ltd.
No 68 Lane 854, Sec.1, Shatian Rd.
Dadu Dist,, Taichung City, 43244
Taiwan

Attention: Vicky Lin

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:

Sosa Chou
Sosa Chou

PRODUCTS

CLASS - C322102 - VALVES General purpose Actuators

CLASS - C322182 - VALVES Actuators - Certified to US Standards

Electrically operated, general purpose valve actuators, Class F insulation, model number and rating listed as follows:

Model Designation Nomenclature:

No.	Model	Control Type	Volt	Freq (Hz)	Current (A)	Speed (rpm)	Duty	ON time (min)	OFF time (min)	Max Torque (Nm)
1	M-41-220	On-off	220-240VAC 1PH	60/50	7.2 / 7.2	40 - 120	S3-25%	15	45	41
2	M-41-220-F	Floating	220-240VAC 1PH	60/50	7.2 / 7.2	40 - 120	S3-25%	15	45	41
3	M-41-220-M	Modulating	220-240VAC 1PH	60/50	7.2 / 7.2	40 - 120	S3-25%	15	45	41
4	M-55-220	On-off	220-240VAC 1PH	60/50	7.1 / 7.1	30 - 90	S3-25%	15	45	55



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No.	Model	Control Type	Volt	Freq (Hz)	Current (A)	Speed (rpm)	Duty	ON time (min)	OFF time (min)	Max Torque (Nm)
5	M-55-220-F	Floating	220-240VAC 1PH	60/50	7.1 / 7.1	30 - 90	S3-25%	15	45	55
6	M-55-220-M	Modulating	220-240VAC 1PH	60/50	7.1 / 7.1	30 - 90	S3-25%	15	45	55
7	M-80-220	On-off	220-240VAC 1PH	60/50	7.2 / 7.2	20 - 60	S3-25%	15	45	80
8	M-80-220-F	Floating	220-240VAC 1PH	60/50	7.2 / 7.2	20 - 60	S3-25%	15	45	80
9	M-80-220-M	Modulating	220-240VAC 1PH	60/50	7.2 / 7.2	20 - 60	S3-25%	15	45	80
10	M-100-220	On-off	220-240VAC 1PH	60/50	7.8 / 7.8	15 - 45	S3-25%	15	45	100
11	M-100-220-F	Floating	220-240VAC 1PH	60/50	7.8 / 7.8	15 - 45	S3-25%	15	45	100
12	M-100-220-M	Modulating	220-240VAC 1PH	60/50	7.8 / 7.8	15 - 45	S3-25%	15	45	100
13	M-41-220(3)	On-off	220-240VAC 3PH	60/50	2.9 / 2.9	40 - 120	S3-25%	15	45	41
14	M-41-220(3)-F	Floating	220-240VAC 3PH	60/50	2.9 / 2.9	40 - 120	S3-25%	15	45	41
15	M-41-220(3)-M	Modulating	220-240VAC 3PH	60/50	2.9 / 2.9	40 - 120	S3-25%	15	45	41
16	M-55-220(3)	On-off	220-240VAC 3PH	60/50	2.9 / 2.9	30 - 90	S3-25%	15	45	55
17	M-55-220(3)-F	Floating	220-240VAC 3PH	60/50	2.9 / 2.9	30 - 90	S3-25%	15	45	55
18	M-55-220(3)-M	Modulating	220-240VAC 3PH	60/50	2.9 / 2.9	30 - 90	S3-25%	15	45	55
19	M-80-220(3)	On-off	220-240VAC 3PH	60/50	2.9 / 2.9	20 - 60	S3-25%	15	45	80
20	M-80-220(3)-F	Floating	220-240VAC 3PH	60/50	2.9 / 2.9	20 - 60	S3-25%	15	45	80
21	M-80-220(3)-M	Modulating	220-240VAC 3PH	60/50	2.9 / 2.9	20 - 60	S3-25%	15	45	80
22	M-100-220(3)	On-off	220-240VAC 3PH	60/50	3.0 / 3.0	15 - 45	S3-25%	15	45	100
23	M-100-220(3)-F	Floating	220-240VAC 3PH	60/50	3.0 / 3.0	15 - 45	S3-25%	15	45	100
24	M-100-220(3)-M	Modulating	220-240VAC 3PH	60/50	3.0 / 3.0	15 - 45	S3-25%	15	45	100
25	M-41-380(3)	On-off	380-415 VAC 3PH	60/50	2.0 / 2.0	40 - 120	S3-25%	15	45	41
26	M-41-380(3)-F	Floating	380-415 VAC 3PH	60/50	2.0 / 2.0	40 - 120	S3-25%	15	45	41



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No.	Model	Control Type	Volt	Freq (Hz)	Current (A)	Speed (rpm)	Duty	ON time (min)	OFF time (min)	Max Torque (Nm)
27	M-41-380(3)-M	Modulating	380-415 VAC 3PH	60/50	2.0 / 2.0	40 - 120	S3-25%	15	45	41
28	M-55-380(3)	On-off	380-415 VAC 3PH	60/50	1.9 / 1.9	30 - 90	S3-25%	15	45	55
29	M-55-380(3)-F	Floating	380-415 VAC 3PH	60/50	1.9 / 1.9	30 - 90	S3-25%	15	45	55
30	M-55-380(3)-M	Modulating	380-415 VAC 3PH	60/50	1.9 / 1.9	30 - 90	S3-25%	15	45	55
31	M-80-380(3)	On-off	380-415 VAC 3PH	60/50	2.0 / 2.0	20 - 60	S3-25%	15	45	80
32	M-80-380(3)-F	Floating	380-415 VAC 3PH	60/50	2.0 / 2.0	20 - 60	S3-25%	15	45	80
33	M-80-380(3)-M	Modulating	380-415 VAC 3PH	60/50	2.0 / 2.0	20 - 60	S3-25%	15	45	80
34	M-100-380(3)	On-off	380-415 VAC 3PH	60/50	2.1 / 2.1	15 - 45	S3-25%	15	45	100
35	M-100-380(3)-F	Floating	380-415 VAC 3PH	60/50	2.1 / 2.1	15 - 45	S3-25%	15	45	100
36	M-100-380(3)-M	Modulating	380-415 VAC 3PH	60/50	2.1 / 2.1	15 - 45	S3-25%	15	45	100

Notes:

1. Environment: Indoor or outdoor use.
2. Enclosure Type: Enclosure Type 4X and Type 5
3. Ambient Temperature: -20°C to 70°C.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 139-13 Upd.1 - Electrically Operated Valves
 UL 429, 7th Edition - Electrically Operated Valves

Notes:

Products certified under Class C322102 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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
80171466	2023-11-27	Update report 80068059 to alternate MOSFET for Digital Input Board (DI) in Control Board Interface and alternate EMI Core in Display Board and breakdown new model designation.
80152990	2023-03-24	Update report 80068059 to add EMI solution into PCBs of Front Board, Motor Driver Board, Power Board, Terminal Board.
80068059	2020-12-24	Electrically operated, general purpose valve actuators, M Series.