



Certificate of Compliance

Certificate: 80152142

Master Contract: 604849

Project: 80152142

Date Issued: January 4, 2023

Issued To: Max-Air Technology, Inc.
114 Resource Drive
Wentzville, Missouri 63385
United States

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Maria Gomes
Maria Gomes

PRODUCTS

CLASS - 3228 02 VALVES-Actuators - For Hazardous Locations

CLASS - 3228 82 VALVES-Actuators - For Hazardous Locations-Certified to U.S. Standard



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Class I, Division 1, Groups C, D T4
Class II, Division 1, Groups E, F, G T130°C
Type 4X
Ex db IIB T4 Gb (For Canada)
Class I, Zone 1, AEx db IIB T4 Gb (For US)
Ex tb IIIC T130°C Db (For Canada)
Zone 21, AEx tb IIIC T130°C Db (For US)
IP68 (72h, 7m)

SXu Model Series Explosion-Proof Spring Return Valve Actuators, rated 440 Vac max, 11.3 A max, -30°C ≤ Tamb ≤ 70°C, T4, Enclosure Type 4X, IP 68 (72h, 7m).

Where:

SXuYYYY-ZZZZ-hff-08

S stands for Max-Air Spring Return, Quarter-Turn Actuator.

X stands for Explosion-proof.

u stands for controlling method (T stands for Two position, J stands for Floating (Jog), M stands for Modulating (4-20mA), V stands for Modulating (2-10vdc)).

YYYY stands for torque (in-lb): A004 stands for 445in-lb, B011 stands for 1150in-lb, C018 stands for 1770in-lb, D023 stands for 2300in-lb.

ZZZZ stands for voltage (12VD stands for 12VDC, 12VA stands for 12VAC, 24VD stands for 24VDC, 24VA stands for 24VAC, 120A stands for voltage range 110 ~ 120VAC, 230A stands for voltage range 220 ~ 240VAC, 2203 stands for 220~240V 3 phase, 3803 stands for 380~415V 3 phase, 4603 stands for 440~480V 3 phase).

h stands for with or without manual override (H stands for with manual override, X stands for without manual override).

ff stands for the direction of rotation (CW stands for clockwise, CC stands for counterclockwise).

08 Environmental rating stands for IP68 (72h, 7m max depth)

Models Series	
SXA004	ZZZZ =120A, 230A: S variants
SXB011	ZZZZ =120A, 230A: S variants
SXC018, SXD023	ZZZZ =120A, 230A: S variants



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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10 <i>August 2011</i>	General requirements — Canadian Electrical Code, Part II
CSA C22.2 No. 30-M1986 <i>(Reaffirmed 2012)</i>	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No. 25-17 <i>July 2017</i>	Enclosures for Use in Class II, Division 1, Groups E, F, and G Hazardous Locations
CSA C22.2 No. 94.2-07	Enclosures for Electrical Equipment, Environmental Considerations
CSA C22.2 No. 139-10	Electrically Operated Valves
CAN/CSA-C22.2 No. 60079-0:15 <i>October 2015</i>	Explosive atmospheres – Part 0: Equipment – General requirements
CAN/CSA-C22.2 No. 60079-1:16 <i>May 2016</i>	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures “d”
CAN/CSA-C22.2 No. 60079-31:15 <i>Second Edition (October 2015)</i>	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure “t”
CAN/CSA C22.2 No. 60529:16	Degrees of Protection Provided By Enclosures (IP Code)
FM 3600 <i>December 2011</i>	Approval Standard for Electrical Equipment for Use in Hazardous (Classified) Locations – General Requirements
FM 3615 <i>August 2006</i>	Approval Standard for Explosionproof Electrical Equipment General Requirements
FM 3616 <i>December 2011</i>	Approval Standard for Dust ignition proof Electrical Equipment General Requirements
IEC 60529-2004 <i>(Reaffirmed 2011)</i>	Degrees of Protection Provided By Enclosures (IP Code)
UL 50E <i>First Edition (September 4, 2007)</i>	Enclosures for Electrical Equipment, Environmental Considerations
UL 429 <i>Sixth Edition (November 11, 2009)</i>	Electrically Operated Valves
UL 60079-0 <i>Six Edition (July 26, 2013)</i>	Explosive atmospheres – Part 0: Equipment – General requirements
UL 60079-1 <i>Seventh Edition (September 18, 2016)</i>	Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”
UL 60079-31 <i>Second Edition (2015.06.12)</i>	UL Standard for Safety Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”

MARKINGS

Each unit shall bear all the required markings identified in the applicable certification report(s).

Note: The Listee’s name and/or CSA file number shall replace the submittor’s equivalent information (where applicable).



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	Submittor Project	Submittor Models	Listee Models
80152142	January 4, 2023	204450-70177249	SE-X1-X2-X3-X4-X5	SXuYYYY-ZZZZ-hff-08