



Certificate of Compliance

Certificate: 1822333

Master Contract: 153241 (LR9933)

Project: 70095792

Date Issued: 2016-09-21

Issued to: Ross Controls
1250 Stephenson Hwy
Troy, Michigan 48083-1115
USA
Attention: Mr. David Haselden

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: Joseph Kwong
Joseph Kwong

PRODUCTS

CLASS - C322101 - VALVES-General purpose

CLASS - C322181 - VALVES-Certified to US Standards

Solenoid pilot operated pneumatic safety double valves, DM2D, DM2C Series, Size 4, 12 and 30, 3/2 normally-closed, rated 100-110/100-120Vac, 50/60Hz, 10.4VA; or 110Vac, 50/60 Hz, 120Vac, 50/60 Hz 10.4VA; or 24VDC, 5.8W; or 110Vac, 50Hz, 120Vac 50/60Hz, 5.8W (each solenoid, primary and reset), 50°C ambient (max), 120 psig (max) pressure, 100,000 operations.

Solenoid pilot operated pneumatic safety double valves, DM2D, DM2C Series, Size 8, 3/2 normally-closed, rated 110/120Vac, 50/60Hz, 24.6VA; or 24VDC, 15W (each solenoid, primary); 100-110/100-120Vac, 50/60Hz, 10.4VA; 110Vac 50/60 Hz, 120Vac 50/60 Hz 10.4VA; or 24VDC, 5.8W; or 110Vac, 50Hz, 120Vac 50/60Hz, 5.8W (each solenoid, reset), 50°C ambient (max), 120 psig (max) pressure, 100,000 operations.

Solenoid pilot operated pneumatic safety double valves, DM2D, DM2C Series, Size 2, 3/2 normally-closed, rated 110Vac 50/60 Hz, 120Vac 50/60 Hz 10.4VA; or 24VDC, 5.8W; or 110Vac 50Hz, 120Vac 50/60Hz, 5.8W (each solenoid, primary and reset), -10°C to 50°C ambient, 150 psig (max) pressure, 100,000 operations.

Solenoid pilot operated pneumatic safety double valves, DM1C Series, Size 8, 3/2 normally-closed, rated 110/120Vac, 50/60Hz, 24.6VA; or 24VDC, 15W (each solenoid, primary); 100-110/100-120Vac, 50/60Hz,



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10.4VA; 110Vac 50/60 Hz, 120Vac 50/60 Hz 10.4VA; or 24VDC, 5.8W; or 110Vac, 50Hz, 120Vac 50/60Hz, 5.8W (each solenoid, reset), 50°C ambient (max), 120 psig (max) pressure, 100,000 operations.

Solenoid pilot operated pneumatic safety double valves, DM1C Series, Size 2 & 4, 3/2 normally-closed, rated 100-110/100-120Vac, 50/60Hz, 10.4VA; or 110Vac, 50/60 Hz, 120Vac, 50/60 Hz 10.4VA; or 24VDC, 5.8W; or 110Vac, 50Hz, 120Vac 50/60Hz, 5.8W (each solenoid, primary and reset), 50°C ambient (max), 120 psig (max) pressure, 100,000 operations.

Note: The DM2D, DM2C & DM1C Series valves are intended to be used in ordinary locations only.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 139-13	- Electrically Operated Valves
UL Std No. 429 (7 th Edition)	- 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
70095792	2016-09-21	Added models DM1C size 2 and DM2C size 2.
70046095	2015-12-31	Update report 1822333 to add new DM1C product and a new stem design.
70026415	2015-06-09	Update to report 1822333 to add alternate constructions
2557794	2012-09-14	Added DM2D, Size 2 Valves. Updated to Std 139-10 & UL429 6th Ed.
2362535	2010-11-02	Replaced with updated drawings.
2162145	2009-04-23	Added alternate cast reset housing.
1855582	2006-12-28	Added DM2C Series
1822333	2006-09-29	Original Certification.