



Certificate of Compliance

Certificate: 1442759

Master Contract: 220707 (220707)

Project: 70109155

Date Issued: 2017-03-06

Issued to: Zhejiang Lefoo Controls Co., Ltd.
No 220, Weishiwu Road
Economic Development Zone
Yueqing City, Zhejiang 325600
CHINA
Attention: Peihong Dai

The products listed below are eligible to bear the CSA Mark shown



Issued by: Yuehui (Tina) Zhang
Yuehui (Tina) Zhang

PRODUCTS

CLASS - C321106 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Miscellaneous

Pressure-Regulating Switch, Models LF10-4H, LF10-1H, LF10-W, ratings as below:

Electrical ratings:

20 A	120 V ac	1.5 HP	Single-phase	DPST	30,000 cycles
12 A	240 V ac	2 HP	Single-phase	DPST	6,000 cycles
9.6 A	240 V ac	3 HP	Three-phase	DPST	6,000 cycles
8.6 A	32 V dc	1/4 HP			6,000 cycles
3.1 A	120 V dc	1/4 HP			6,000 cycles
1.6 A	240 V dc	1/4 HP			6,000 cycles

Pressure ratings:

Maximum open cut out: 200 psi

Minimum close cut in: 3 psi

Differential: 15-65 psi

Notes:



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1. Certified as components of CSA certified equipment and combination is to be evaluated by CSA Group.
2. The enclosure of this device is suitable for use in air compressor since it complies with Clause 5.2.6.2 of CSA C22.2 No. 68-09.
3. The suitability of the final enclosure of this device is to be evaluated in the end use for other applications.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 14-13 - Industrial Control Equipment
CSA C22.2 No. 68-09 - Motor-Operated Appliances (Household and Commercial) - as guide



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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
70109155	2017-03-06	CSG # 231333161109 non-compliance at factory shanghai report 1442759 project 70078052 must be updated to address the non-compliance below - 1# page 4, item 2-Bracket: Steel, 1.50mm thick, overall 88.68mm by 57.26mm by 37.01mm, Provided with one hole 22.33mm diameter for the Rocker Plate and two holes 18.90mm by 16.90mm for Strain Relieves. (description in CSA report: Steel, Min 1.6mm thick, overall 89 mm by 57 mm by 57 mm, Provided with one hole 19 mm diameter for the Rocker Plate and two holes 16 by 14 mm for Strain Relieves) Not acceptable - 2# page 4, item 3(b)- Valve body: plated cast-zinc, 32.18mm long. (description in CSA report: plated cast-zinc, 43mm long) Not acceptable - 3# page 4, item 4-Air Connection: Zinc, overall 53.82mm by 53.83mm by 35.37mm. (description in CSA report: zinc, overall 54 mm by 54 mm by 20 mm) Not acceptable - 4# page 4, item 5-Bushing: Factory representative couldn't provide the material certificate of the bushing. Not acceptable - 5# page 4, item 6-On off handle: steel, overall 48.12mm by 24.36mm, 4.08mm diameter. (description in CSA report: Steel, Overall 30 mm by 20 mm by 4 mm diameter.) Not acceptable - 6# page 5, item 12-Actuator: 2.29mm thick, overall 40.57mm by 31.53mm by 19.27mm. (description in CSA report: Min 2.2 mm thick, overall 34.5 mm by 31 mm by 19 mm.) Not acceptable Update report 1442759 to resolve alternative movable contact material on Cat. No. LF10-4H.
70078052	2016-05-27	Pressure-Regulating Switch, LF10 Series, report updated
2422614	2011-05-08	Update report 1442759 to correct the dimension of diaphragm.
2223956	2009-12-28	update to report 1442759 to cover change of front cover material manufacturer
2051774	2009-09-23	UPDATE TO REPORT NO 1442759 TO COVER CHANGE OF FRONT COVER MATERIAL MANUFACTURER CLOSE INCOMPLETE.
1754381	2006-04-06	UPDATE REPORT 1442759 TO ADD 30000 CYCLE ENDURANCE TEST UNDER 175 PSI TO PREVIOUSLY CERTIFIED MODEL LF10.



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1442759 2004-02-18 PRESSURE-REGULATING SWITCH MODELS LF10-1H, LF10-4H,
LF10-W. INITIAL FACTORY EVALUATION (IFE) CONDUCTED.