



Certificate of Compliance

Certificate: 70016098 (LR 22355-60) **Master Contract:** 162037 (022355_0_000)
Project: 70139815 **Date Issued:** 2017-06-27
Issued to: **Barksdale, Inc.**
3211 Fruitland Ave.
Los Angeles, California 90058
USA
Attention: Alfredo Meza

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



Issued by: *Reddiprasad Cheekoori*
Reddiprasad Cheekoori

PRODUCTS

CLASS - C323102 - SWITCHES-Automatic - Pressure Type

Piston operated switches - Model E1S stripped (open type), Model E1H general purpose enclosure or weatherproof, CSA Encl. Type 3R followed by suffixes B, BT, F, G, H, J, K, M R or GH followed by V ac (vacuum operated only) or 15 through 500, may be followed by PLS, and/or B1 through B10, and/or E1 through E10, and/or F1 through F10, and/or V, and/or T, and/or P1 through P15, and/or Q1 through Q999, and/or BR or SS, and/or FX (Type 4X) and/or RD (with G micro switch only), and/or -S# (factory set) and or -Z1 (oxygen clean).

Note: Suffix letters B, BT, F, G, H, J, K, M, R and GH denote different switches with ratings as follows (reduced ratings may be used):

B, BT, K, G	15A at 125, 250 and 480V ac 2A at 600V ac 0.5A at 125V dc 0.25A at 250V dc
H, J	15A at 125, 250 and 480V ac
M (74)	15A at 125, 250 and 480V ac 0.5A at 125V dc 0.25A at 250V dc



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R (L17) 20A at 125, 250 and 480V ac
 0.05A at 125V dc
 0.03A at 250V dc

GH (L22) 1A at 125V ac

F 10A at 125/250 and 480V ac
 2A at 600V ac
 0.4A at 125V dc
 0.2A at 250V dc

PART A

Notes:

1. Maximum Adjustable Working Pressure: 20 psi is max pressure 15 models, 110 psi is max pressure 90 models, and 300 psi is max pressure 250 models.

Maximum Working Temperature of Fluid at the Control: 200°F

Fluid Media: Water

Maximum Ambient: 165°F, Model E1S-G90-Q28 is 140°F.

2. The acceptability of the lead wires for connection of Model E1S-G90-Q28 control shall be determined in the end-use application.

The leads connected to limit control (except E1S-G90-Q28) are to be wiring material rated for at least 90°C.

3. Model E1H-G250-BR-VRD is a manual reset pressure controller rated 25 - 250 psi. It has been subjected to a calibration and 6,000 Cycle Endurance Test (per paragraph 31.2, UL 353.)



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APPLICABLE REQUIREMENTS

CSA Standard C22.2 No.14	-	Industrial Control Equipment
CAN/CSA-C22.2 No. 94	-	Special Purpose Enclosures



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Supplement to Certificate of Compliance

Certificate: 70016098

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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
70139815	2017-06-27	Addition of alternate microswitches.
70016098	2015-04-22	Addition of alternate materials, microswitch, nomenclature, and report corrections.
History		
LR 22355-71	Nov. 10, 1998	Added alternate construction of the -BR brass pressure port option on Models E1S/E1H Pressure switches.
LR 22355-66	Feb. 26, 1998	Added alternate snap-switch Micro Switch Model BZ-R370-P5 for use with Piston operated switches, Models E1S and E1H.
LR 22355-60	Aug. 15, 1996	Original Certification.