Certificate of Compliance

Certificate: 1040396 **Master Contract:** 164581

Project: 80111494 **Date Issued:** 2022-03-03

Issued To: **Telemecanique/Schneider Electric Industries SAS**
31 rue Pierre Mendes-France
Eybens, Isere, 38320
France

Attention: Bruce Zhou

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

Issued by: *Franklin ten Haaf*
Franklin ten Haaf

PRODUCTS

CLASS - C321123 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers-Auxiliary Devices

Thermal overload relays, class 10, open type, manual and automatic reset.
Cat. No. LRD (differential) and LR3D (non differential) followed by two digit numbers (01 through 08, 10, 12, 14, 16, 21, 22, 32 or 35) may be followed by one digit number, ambient compensated.
Adapter, Cat. No. LAD7B106 and LAD7B10, and wiring kits Cat. No. LAD7C1 and LAD7C2.
Ratings: Auxiliary contacts: B600-R300 continuous current 5A, 16 trip range; from range 0.1-0.16A to range 30-38A.

Thermal overload relays, class 20, open type, manual and automatic reset.
Cat. No. LRD (differential) and LR3D (non differential) followed by two digit numbers (04 through 08, 10, 12, 14, 16, 21, 22 or 32), followed by L, may be followed by one digit number, ambient compensated.
Adapter, Cat. No. LAD7B205 and 9065SAD75. Wiring kits Cat. No. LAD7C1 and LAD7C2.
Ratings: Auxiliary contacts: B600-R300 continuous current 5A, 12 trip range; from range 0.4-0.63A to range 23-32A.

Note:

Optional High fault ratings:
Maximum 65kA RMS at 480V when protected by thermal magnetic circuit breaker rated not more than shown in the table below.

Maximum 50kA RMS at 600V when protected by thermal-magnetic circuit breaker rated not more than shown in the table below.

Maximum 100kA RMS at 600V when protected by class CC or class J fuses rated not more than shown in the table below.

Overload Cat. Nos.	Overload Cat. Nos.	Maximum Circuit Breaker Ampacity	Maximum Class J or CC Fuse Ampacity
LRD04L through LRD07L & LR3D04L through LR3D07L	LRD01 through LRD07 & LR3D01 through LR3D07	15	10
LRD08L, LR3D08L	LRD08, LR3D08	15	15
LRD10L, LR3D10L	LRD10, LR3D10	15	20
LRD12L, LR3D12L	LRD12, LR3D12	15	30
LRD14L, LR3D14L	LRD14, LR3D14	20	40
LRD16L, LR3D16L	LRD16, LR3D16	25	50
LRD21L, LR3D21L	LRD21, LR3D21	35	60
LRD22L, LR3D22L	LRD22, LR3D22	45	60
LRD32L, LR3D32L	LRD32, LR3D32	60	80
--	LRD35, LR3D35	70	100

- LRD32L is not applicable with LC1D32 at 10HP under 200-208V(Wye)

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-20 - General Requirements – Canadian Electrical Code, Part II
CSA-C22.2 No. 14-18 - Industrial Control Equipment
CAN/CSA C22.2 No.60947-1-13 - Low-Voltage Switchgear and Controlgear – Part 1 : General Rules
CAN/CSA C22.2 No.60947-4-1-14 - Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters – Electromechanical Contactors and Motor-Starters.

Notes:

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Products certified under Class C321123 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
80111494	2022-03-03	Update to Report 1040396 to change contact material from copper alloy to silver nickel tip 90/10 and update to the latest standard requirements.
80070407	2021-02-10	Update to Report 1040396 for addition of recognized alternate plastic material for front cover (item 3), for thermal overload relay LRD and LR3D. CSA Class number 3211-03 is removed.
70080027	2016-06-29	Update to Report 1040396 for addition of model LAD7B10 and addition of alternate bimetal compensation.
70014838	2015-03-25	Update to Report 1040396 to cover the additional short circuit rating at 600Vac.
70008663	2014-09-26	Update to Report 1040396 for addition of alternate plastic material on housing and contact lever.
2649498	2013-08-13	Update to Report 1040396 for addition of thermal overload relay series LRD, LR3D class 20 and adapter Cat.Nos LAD7B205.
2585325	2013-01-16	Update to Report 1040396 for revision of heating element on overload relays on submittor's on models LRD08, LRD16 and LRD22.
2565317	2012-10-07	Update to Report 1040396 to add High Short-circuit rating: 65kA at 480Vac and 100kA at 600Vac.
2407143	2011-03-16	Update to Report 1040396 to add alternate plastic material on base and contact lever.
2333707	2010-07-30	Update to Report 1040396 to remove reference LRD.3. and LR3D.3. Alternate material K230 and SP23C for bimetal compensation.
2214299	2009-09-17	Update to Report 1040396 for addition of alternate plastic for the base and contact lever.
2022712	2008-04-23	Update to Report 1040396 to add alternate plastic material.

1732746	2006-01-13	Update to Report 1040396 to add modifications.
1574687	2004-07-29	Update to Report 1040396 to add new terminal block, Model LAD7B106.
00001345346	2002-08-16	Update to Report 1040396 for alternate plastic materials. SUPERSEDED LR 43364-40.
00001268665	2002-01-09	Update to Report 1040396 for alternate construction - auxiliary contactor, Cat. Nos. CA2-DN/CA3.... SUPERSEDED REPORT LR 43364-29.
00001115851	2000-08-09	Update to Report 1040396 for addition of overload relay.
00001040396	2000-01-21	Original Certification of Thermal overload relays, LRD.. and LR3D.. (project KIWI) adapter LAD7... Class 10. Addition of factory F26;6-8 rue Bailly, Dijon and F27; DMS-Scionzier.