



# Certificate of Compliance

**Certificate:** 1012377 **Master Contract:** 164581  
**Project:** 80166129 **Date Issued:** 08/22/2023  
**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:** Emile kenou  
Emile kenou

## PRODUCTS

C321104 INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Magnetic  
C321124 INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers-Magnetic

### Models

Magnetic contactors Models LC1 followed by F115, F150, F185, F225, F330, F265, F400, F500, F630, F780, and F800, Models T02XN13 where 'X' may be replaced by E, F, G, H, or J, and Reversing contactors Types LC2F and LE2F and accessories, interlocks, power connections and connectors Type LA9F, 3 or 4 poles, 900 hp max, 1350A max, coil voltage 600V max ac/dc.

Special rating for LC1F185

Tungsten: 200A, 480Vac, 3 phases wye

Ballast: 200A, 600Vac, 1 phase; 200A, 600Vac, 3 phases wye

Special rating for LC1F265

Tungsten: 265A, 480Vac, 3 phases wye

Ballast: 265A, 600Vac, 1 phase; 265A, 600Vac, 3 phases wye

Series CR1F AC latched contactors, permanent magnet coil, 600V ac or less, 50/60Hz, CR1F150, F185, F265, F400, F500 and F630, 600V ac max, 800 hp max, 1000A max.



**Certificate:** 1012377

**Master Contract:** 164581

**Project:** 80166129

**Date Issued:** 08/22/2023

Note:

**1. ADDITIONAL SHORT CIRCUIT RATINGS**

The following devices are additionally qualified for high fault ratings as shown.

	Maximum Wire size 75 deg C / Copper	SCCR	Type J Fuse Ampacity Maximum
Contactor	AWG	kA	(A)
LC1 F115	2/0	100	200
CR1-F150/LC1 F150	3/0	100	200
CR1-F185/LC1 F185	3/0	100	400
CR1-F265/LC1 F265	300	100	600
LC1 F330	500	100	600

2.-LC2 reverser type for the contactors in the list are also cover.

3.-The types of enclosures that can be used are Type 1(non ventilated), 12, 3, 3R, 4 or 4X.

The following contactors are suitable for a Maximum Short Circuit Current Rating of 65,000 A at 480 V when protected by a Magnetic Only or a Thermal-Magnetic circuit breaker rated not more than shown in the table below.

TeSys F 3Pole/4Pole/Magnetic Latching/TeSys N with or without lug kit	Max. Voltage (V)	Max. SCCR (A)	Max. Circuit Breaker Ampacity (A)
LC1F115*/T02EN13	480 V	65,000 A	200 A
LC1F150*/CR1F150*/T02FN13	480 V	65,000 A	250 A
LC1F185*/CR1F185*	480 V	65,000 A	250 A

Notes:

1. -“\*” Can include three or four pole contactor.

2. - LC2 reverser type for the contactors in the list are also cover.

3. - The types of enclosures that can be used are Type 1(non ventilated), 12, 3, 3R, 4 or 4X.

**SECTION 1:** Non-reversing contactor Type LC1F.

PART A: LC1-F115, -F150.

PART B: F185

PART C: F265

PART D: F400

PART E: F500

PART F: F630

PART G: F780

PART H: F225

PART I: F330

PART J: LA9F103

PART K: LC1-F800

**SECTION 2:** Reversing contactors Types LC2F and LE2F and accessories, interlocks, power connections and connectors Type LA9F.

**SECTION 3:** Magnetic contactors, Type CR1F, permanent magnet coil, 600V ac or less, coil voltage 600V max ac/dc, 800 hp max, and 1000A max.



**Certificate:** 1012377

**Master Contract:** 164581

**Project:** 80166129

**Date Issued:** 08/22/2023

Non-reversing contactor:

- CR1 F150 with LXOF... coil
- CR1 F185 with LXOF... coil
- CR1 F265 with LXOF... coil
- CR1 F400 with LXOF... coil
- CR1-F500 with LXOF... coil
- CR1-F630 with LXOF... coil

**Note:**

**ADDITIONAL SHORT CIRCUIT RATINGS**

The following devices are additionally qualified for high fault ratings as shown.

Contactor	Maximum Wire size 75 deg C / Copper AWG	SCCR kA	Type J Fuse Ampacity Maximum (A)
LC1 F115	2/0	100	200
CR1-F150/LC1 F150	3/0	100	200
CR1-F185/LC1 F185	3/0	100	400
CR1-F265/LC1 F265	300	100	600
LC1 F330	500	100	600

Notes:

- 1.-LC2 reverser type for the contactors in the list are also cover.
- 2.-The types of enclosures that can be used are Type 1(non ventilated), 12, 3, 3R, 4 or 4X.

The following contactors are suitable for a Maximum Short Circuit Current Rating of 65,000 A at 480 V when protected by a Magnetic Only or a Thermal-Magnetic circuit breaker rated not more than shown in the table below.

TeSys F 3Pole/4Pole/Magnetic Latching/TeSys N [with or without lug kit]	Max. Voltage (V)	Max. SCCR (A)	Max. Circuit Breaker Ampacity (A)
LC1F115*/T02EN13	480 V	65,000 A	200 A
LC1F150*/CR1F150*/T02FN13	480 V	65,000 A	250 A
LC1F185*/CR1F185*	480 V	65,000 A	250 A

Notes:

1. -“\*” Can include three or four pole contactor.
2. - LC2 reverser type for the contactors in the list are also cover.
3. - The types of enclosures that can be used are Type 1(non ventilated), 12, 3, 3R, 4 or 4X.



**Certificate:** 1012377

**Master Contract:** 164581

**Project:** 80166129

**Date Issued:** 08/22/2023

---

**APPLICABLE REQUIREMENTS**

CSA C22.2 NO. 14-18 - Industrial control equipment

Thirteenth Edition (Update No.1 June 2022)

CSA C22.2 No. 60947-1:22 (Third edition) - Low-voltage switchgear and controlgear — Part 1: General rules

CSA C22.2 NO. 60947-4-1:22 (Third Edition) - Low-voltage switchgear and controlgear — Part 4-1: Contactors and motor-starters  
— Electromechanical contactors and motor-starters



**Certificate:** 1012377

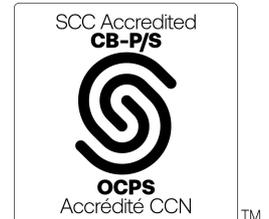
**Project:** 80166129

**Master Contract:** 164581

**Date Issued:** 08/22/2023

**Notes:**

Products certified under Class C321104, C321124 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

**Certificate:** 1012377

**Master Contract:** 164581

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
80166129	August 22, 2023	Update of report according to certification notice Industrial Control Equipment No. 60, informs Industrial Control Equipment No. 78 and informs Industrial Control Equipment No. 82
70109967	February 10, 2017	Update to report 1012377 to cover addition of alternate auxiliary contacts, composed by one normally open (N.O) and one normally closed (N.C). Also addition of alternate Base for Type LC1-F400: 3 pole device.
70078144	August 18, 2016	Addition of high fault short-circuit rating at 65kA, 480V with breaker.
2807006	March 03, 2015	Addition of Main contacts alternate reduced thickness for LC.F265 and LC.F630 models, to the requirements of Standards CSA-C22.2 No. 14-13, CSA-C22.2 No. 60947-1-07 and CSA-60947-4-1-07.
2713408	April 14, 2014	Alternate terminal support in aluminium for model LC.F115 to LC.F225 and addition of alternate bi-metallic silver alloy and copper stationary contacts and movable contacts.
2596114	March 01, 2013	Addition of new family T02xN13. Update all products to class 3211-24 as per CSA C22.2 No.14-10, CAN/CSA C22.2 No.60947-1 and CAN/CSA C22.2 No.60947-4-1.
2306618	June 23, 2010	Add Short Circuit Rating at 100kA, 600Vac for LC1F115 to LC1F300.
2116480	December 15, 2008	Addition of the electrical ratings for electric discharge lamp control (ballast) and incandescent lamp control (tungsten) on model LC1F185, LC1F265. Update report as per Notice Industrial Control Equipment no.17 and CAN/CSA C22.2 No.14-05.
1506778	January 27, 2004	Alternate contact supports for contactors Series F. History
1268636	January 09, 2002	Alternate plastic material and report update.



**Certificate:** 1012377

**Master Contract:** 164581

**Project:** 80166129

**Date Issued:** 08/22/2023

---

1240775	September 12, 2001	Alternate construction, mobile contact support replaced from steel body to copper body. Springs are replaced. Addition of version CR1F	
1155315	February 26, 2001	Use of alternate plastic material.	
1012377	October 14, 1999	Increase of max current LCIF-630 to 1070A, new version suffix S011. Report 164581-1012377 supersedes report 2500000733.	Originally issued as 164581-1012377
LR 43364-118	June 19, 1996	Addition of power connectors LA9F103 and addition of hp ratings for 450 hp, 480V-900 hp.	LC1F780, 240V-
LR 43364-111	July 06, 1995	Addition of new cover on front of contactor.	
LR 43364-105	November 11, 1994	Series LC1F, addition of new contactor size; NRTL/C Certification.	
LR 43364-65	June 10, 1991	Original Certification. Contactors Series LC1F and reversing contactors LC2F, LE2F. Contactors LC1F150, LC1F165, LC1F265, LC1F115. Report number LR 43364-65 is superseded by report number	