

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

Additional information (if necessary may also be reported on page 2)

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

Contactor

SCHNEIDER ELECTRIC INDUSTRIES SAS

35, rue Joseph Monier
92500 RUEIL MALMAISON
FRANCE

SCHNEIDER ELECTRIC INDUSTRIES SAS

35, rue Joseph Monier
92500 RUEIL MALMAISON
FRANCE

PT. SCHNEIDER ELECTRIC MANUFACTURING BATAM

Batamindo Industrial Park - Block 4&208 Muka Kuning
BATAM ISLAND
INDONESIA Additional Information on page 2

See Annex



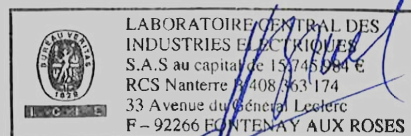
CTF2

TeSys D series: AC contactors with electromagnetical coils
Types: LC1D, LC2D, LC1DT

Supersedes CBTC 665184B/M1/A1 dated 15/12/2016. Addition of product references

 Additional Information on page 2IEC 60947-1:2007(ed.5) +A1:2010 +A2:2014
IEC 60947-4-1:2009(ed.3) +A1:2012128422-665184-B00 up to 128422-665184-B07, 143029-688903B2,
150697-709694

This CB Test Certificate is issued by the National Certification Body

LCIE – Laboratoire Central des Industries Electriques
33, avenue du Général Leclerc – BP8
FR 92 266 Fontenay aux Roses Cedex
www.lcie.frLABORATOIRE CENTRAL DES
INDUSTRIES ELECTRIQUES
S.A.S au capital de 15 745 000 €
RCS Nanterre 4408 363 174
33 Avenue du Général Leclerc
F – 92266 FONTENAY AUX ROSES

Date: 20/03/2018

Signature: **Jean-François BRUEL**
Certification Officer

ANNEX

References, ratings and main characteristics

References	Characteristics	Terminals
LC1D40Axx, LC1D50Axx, LC1D65Axx, LC1D80Axx	3-pole contactors	Screw terminals
LC2D40Axx, LC2D50Axx, LC2D65Axx, LC2D80Axx	3-pole reversing contactors	Screw terminals
LC1DT60Axx, LC1DT80Axx	4-pole contactors	Screw terminals
LC1D40A3xx, LC1D50A3xx, LC1D65A3xx, LC1D80A3xx	3-pole contactors	Spring terminals
LC2D40A3xx, LC2D50A3xx, LC2D65A3xx, LC2D80A3xx	3-pole reversing contactors	Spring terminals
LC1DT60A3xx, LC1DT80A3xx	4-pole contactors	Spring terminals
LC1D40A6xx, LC1D50A6xx, LC1D65A6xx, LC1D80A6xx	3-pole contactors	Ring terminals
LC2D40A6xx, LC2D50A6xx, LC2D65A6xx, LC2D80A6xx	3-pole reversing contactors	Ring terminals
LC1DT60A6xx, LC1DT80A6xx	4-pole contactors	Ring terminals

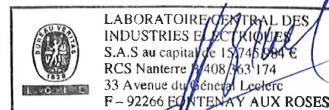
Main circuit

Kind of current	AC
Rated frequency	25 up to 400 Hz
Number of phases	3
Number of poles	3 or 4
Rated insulation voltage (Ui)	690 V
Rated impulse withstand voltage (Uimp)	6 kV

Type or Reference	Ith	Utilization category	Ue				
			230V	400V	440V	500V	690V
LC1D40A, LC2D40A	60 A	AC-4	38 A	35 A	40 A	33 A	21 A
		AC-3	38 A	35 A	40 A	33 A	32 A
		AC-1	60 A				
LC1D50A, LC2D50A	80 A	AC-4	51 A	41 A	50 A	33 A	21 A
		AC-3	51 A	41 A	50 A	44 A	35 A
		AC-1	80 A				
LC1D65A, LC2D65A	80 A	AC-4	61 A	55 A	50 A	33 A	21 A
		AC-3	61 A	55 A	65 A	53 A	39 A
		AC-1	80 A				
LC1D65A6BDS304	91 A	AC-3	61 A	55 A	65 A	53 A	39 A
		AC-1	91 A				
LC1D80A, LC2D80A	80 A	AC-4	61 A	55 A	50 A	33 A	21 A
		AC-3	80 A	80 A	65 A	53 A	39 A
		AC-1	80 A				
LC1DT60A	60 A	AC-1	60 A				
LC1DT80A	80 A	AC-1	80 A				



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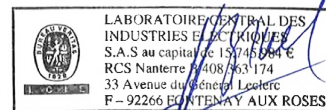
ANNEX (cont'd)

Reference	Prospective short-circuit current (kA)		Schneider Electric overload relay + SCPD
LC1D40A, LC2D40A	I _r (440V)	3	LRD340 + 40A aM fuse
	I _q (440V)	50	
	I _r (690V)	3	
	I _q (690V)	3	
LC1D50A, LC2D50A	I _r (440V)	3	LRD350 + 63A aM fuse
	I _q (440V)	50	
	I _r (690V)	3	
	I _q (690V)	3	
LC1D65A, LC2D65A	I _r (440V)	5	LRD365 + 63A aM fuse
	I _q (440V)	50	
	I _r (690V)	3	
	I _q (690V)	3	
LC1D80A, LC2D80A	I _r (440V)	5	LRD380 + 80A aM fuse
	I _q (440V)	50	
	I _r (690V)	3	
	I _q (690V)	3	
LC1DT60A	I _r (690V)	3	125A gG fuse
	I _q (690V)	3	
LC1DT80A	I _r (690V)	5	125A gG fuse
	I _q (690V)	5	

Coil code	U _s (V)	Frequency	Coil code	U _s (V)	Frequency	Coil code	U _s (V)	Frequency
J5	12	50 Hz	P7	230	50 / 60 Hz	JD	12	DC
B6	24	60 Hz	U7	240	50 / 60 Hz	BD	24	DC
B7	24	50 / 60 Hz	W7	277	50 / 60 Hz	CD	36	DC
C7	32	50 / 60 Hz	Q7	380	50 / 60 Hz	ED	48	DC
D7	42	50 / 60 Hz	V7	400	50 / 60 Hz	ND	60	DC
E7	48	50 / 60 Hz	N7	415	50 / 60 Hz	SD	72	DC
K7	100	50 / 60 Hz	R7	440	50 / 60 Hz	FD	110	DC
F7	110	50 / 60 Hz	T7	480	50 / 60 Hz	GD	125	DC
FE7	115	50 / 60 Hz	S7	500	50 / 60 Hz	MD	220	DC
G7	120	50 / 60 Hz	SC7	575	50 / 60 Hz	UD	250	DC
FC7	127	50 / 60 Hz	X7	600	50 / 60 Hz	RD	440	DC
L7	200	50 / 60 Hz	YC7	660	50 / 60 Hz			
LE7	208	50 / 60 Hz	Y7	690	50 / 60 Hz			
M7	220	50 / 60 Hz						



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ANNEX (end)

Auxiliary circuits

Number of circuits an Kind of contact elements:

- Integrated contacts	- 2	(1 NO and 1 NC)
- Auxiliary contacts (LADN40)	- 4	(4 x NO)
- Auxiliary contacts (LAD8N20)	- 2	(2 x NO)
- Delay time (LADR2)	- 2	(1 NO and 1 NC)
- Delay time (LADT2)	- 2	(1 NO and 1 NC)

Conventional free air thermal current (I_{th})

10 A

Rated insulation voltage (U_i)

690 V

Rated impulse withstand voltage (U_{imp})

6 kV

Rated frequency

Vdc and Vac (25 up to 400 Hz)

Auxiliary contact electrical ratings (except spring terminals)

Category	AC-15		DC-13	
Rated operational voltage (U _e)	120 Vac	690 Vac	125 Vdc	600 Vdc
Rated operational current (I _e)	6.0 A	1.04 A	1.1 A	0.2 A

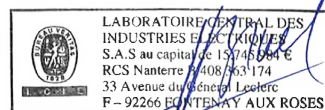
Auxiliary contact electrical ratings for spring terminal version (U_e max = U_i = 400 V)

Category	AC-15		DC-13	
Rated operational voltage (U _e)	120 Vac	400 Vac	125 Vdc	250 Vdc
Rated operational current (I _e)	6.0 A	1.8 A	1.1 A	0.55 A

For more information relating to the ratings and the main characteristics please refer to the CB Test Reports: 128422-665184-B00 up to 128422-665184-B07, 143029-688903B2, 150697-709694



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