Ref. Certif. No.

FR_665184B/M2

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

CB TEST CERTIFICATE

Product	**Contactor**
Name and address of the applicant	**SCHNEIDER ELECTRIC INDUSTRIES SAS** 35, rue Joseph Monier 92500 RUEIL MALMAISON FRANCE
Name and address of the manufacturer	**SCHNEIDER ELECTRIC INDUSTRIES SAS** 35, rue Joseph Monier 92500 RUEIL MALMAISON FRANCE
Name and address of the factory	**PT. SCHNEIDER ELECTRIC MANUFACTURING BATAM** Batamindo Industrial Park - Block 4&208 Muka Kuning BATAM ISLAND INDONESIA
Note: *When more than one factory, please report on page 2*	☐ Additional Information on page 2
Ratings and principal characteristics	See Annex
Trademark (if any)	Schneider Electric
Customer's Testing Facility (CTF) Stage used	CTF2
Model / Type Ref.	TeSys D series: AC contactors with electromagnetical coils Types: LC1D, LC2D, LC1DT
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC 665184B/M1/A1 dated 15/12/2016. Addition of product references ☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2007(ed.5) +A1:2010 +A2:2014 IEC 60947-4-1:2009(ed.3) +A1:2012
As shown in the Test Report Ref. No. which forms part of this Certificate	128422-665184-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
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S.A.S au capital de 15 745 064 €
RCS Nanterre B 408 363 174
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
			Ie				
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	Ir (440V)	3	LRD340 + 40A aM fuse
	Iq (440V)	50	
	Ir (690V)	3	
	Iq (690V)	3	
LC1D50A, LC2D50A	Ir (440V)	3	LRD350 + 63A aM fuse
	Iq (440V)	50	
	Ir (690V)	3	
	Iq (690V)	3	
LC1D65A, LC2D65A	Ir (440V)	5	LRD365 + 63A aM fuse
	Iq (440V)	50	
	Ir (690V)	3	
	Iq (690V)	3	
LC1D80A, LC2D80A	Ir (440V)	5	LRD380 + 80A aM fuse
	Iq (440V)	50	
	Ir (690V)	3	
	Iq (690V)	3	
LC1DT60A	Ir (690V)	3	125A gG fuse
	Iq (690V)	3	
LC1DT80A	Ir (690V)	5	125A gG fuse
	Iq (690V)	5	

Coil code	Us(V)	Frequency	Coil code	Us(V)	Frequency	Coil code	Us(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 - Auxiliary contacts (LADN40) - Auxiliary contacts (LAD8N20) - Delay time (LADR2) - Delay time (LADT2)	 - 2 (1 NO and 1 NC) - 4 (4 x NO) - 2 (2 x NO) - 2 (1 NO and 1 NC) - 2 (1 NO and 1 NC)
Conventional free air thermal current (Ith)	10 A
Rated insulation voltage (Ui)	690 V
Rated impulse withstand voltage (Uimp)	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 (Ue)	120 Vac	690 Vac	125 Vdc	600 Vdc
Rated operational current (Ie)	6.0 A	1.04 A	1.1 A	0.2 A
Auxiliary contact electrical ratings for spring terminal version (Ue max = Ui = 400 V)				
Category	AC-15		DC-13	
Rated operational voltage (Ue)	120 Vac	400 Vac	125 Vdc	250 Vdc
Rated operational current (Ie)	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:
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