



Ref. Certif. No.

FR_718106

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

Schneider Shanghai Apparatus Parts Manufacturing Co.,
Ltd. Putuo Branch
Block A, Building 2, No.629 Suide Road, Putuo District
Shanghai - China

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

Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

See Annex

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

Supersedes CBTC FR_711533/A1 dated 03/07/2023.
Addition of product references

Additional Information on page 2

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

IEC 60947-4-1:2018
IEC 60947-1:2007 +A1:2010 +A2:2014

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

23119Y90042

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 06/12/2023



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INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

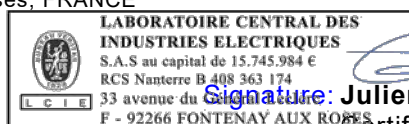
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ANNEX

Ui	1000V
Uimp	8kV
Ith	LC1G115, LC1G1154 : 250A ; LC1G150, LC1G1504 : 275A ; LC1G185, LC1G1854, LC1G205 : 305A ; LC1G225, LC1G2254, LC1G245 : 330A ; LC1G1154...S260, LC1G1504...S260, LC1G1854...S260, LC1G2254...S260: 200A
Utilization category	AC-3,AC-3e,AC-4,AC-1 ; DC-1
Ue/le	<p>LC1G115/ LC1G1154 : Ue/le :</p> <p>AC-3: 230V/96A,400V/97A,415V/93A,440V/115A,500V/106A, 690V/77A, 1000V/53A;</p> <p>AC-3e: 230V/96A,400V/97A,415V/93A,440V/120A,500V/106A, 690V/77A, 1000V/53A;</p> <p>AC-4: 230V/96A, 400V/97A, 415V/93A, 440V/104A, 500V/92A, 690V/77A, 1000V/53A;</p> <p>AC-1: 230V/400V/415V/440V/ 500V/690V/1000V/250A;</p> <p>LC1G150/ LC1G1504 : Ue/le :</p> <p>AC-3: 230V/115A,400V/132A,415V/127A,440V/150A,500V/128A, 690V/93A,1000V/53A;</p> <p>AC-3e: 230V/115A, 400V/132A, 415V/127A, 440V/145A,500V/128A, 690V/93A,1000V/53A;</p> <p>AC-4: 230V/115A,400V/132A,415V/127A,440V/128A,500V/128A, 690V/93A,1000V/53A;</p> <p>AC-1: 230V/400V/415V/440V/ 500V/690V/1000V/275A</p> <p>LC1G185/ LC1G1854 : Ue/le :</p> <p>AC-3 : 230V/169A,400V/160A,415V/154A,440V/185A,500V/156A, 690V/113A,1000V/53A ;</p> <p>AC-3e : 230V/169A,400V/160A,415V/154A,440V/177A,500V/156A, 690V/113A,1000V/53A ;</p> <p>AC-4 : 230V/169A, 400V/160A,415V/154A,440V/161A,500V/156A, 690V/113A,1000V/53A ;</p> <p>AC-1 : 230V/400V/415V/440V/ 500V/690V/1000V/305A ;</p> <p>LC1G205 : Ue/le :</p> <p>AC-3: 230V/193A,400V/195A,415V/188A,440V/205A,500V/180A, 690V/131A,1000V/71A ;</p> <p>AC-3e : 230V/193A,400V/195A,415V/188A,440V/177A,500V/180A, 690V/131A,1000V/71A ;</p> <p>AC-4 : 230V/169A,400V/160A,415V/154A,440V/161A,500V/156A, 690V/113A,1000V/53A ;</p> <p>AC-1 : 230V/400V/415V/AC440V/ 500V/690V/1000V/305A ;</p>



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Ue/Ie	LC1G225/ LC1G2254 : Ue/Ie : AC-3 : 230V/169A,400V/195A,415V/188A,440V/225A,500V/184A, 690V/162A,1000V/92A ; AC-3e : 230V/169A,400V/195A,415V/188A,440V/209A,500V/184A, 690V/162A,1000V/92A ; AC-4 : 230V/169A,400V/195A,415V/188A,440V/205A,500V/184A, 690V/133A,1000V/92A ; AC-1 : 230V/400V/415V/440V/ 500V/690V/1000V/330A
	LC1G245 : Ue/Ie : AC-3 : 230V/230A,400V/230A,415V/222A,440V/245A,500V/224A, 690V/162A,1000V/103A ; AC-3e : 230V/230A,400V/230A,415V/222A,440V/209A,500V/224A, 690V/162A,1000V/103A ; AC-4 : 230V/169A,400V/195A,415V/188A,440V/205A,500V/184A, 690V/133A,1000V/92A ; AC-1 : 230V/400V/415V/440V/ 500V/690V/1000V/330A ;
	LC1G1154...S260, LC1G1504...S260, LC1G1854...S260, LC1G2254...S260 : Ue/Ie : DC-1: 750V/120A 4 poles connected in series
Us	AC/DC24-48V, AC/DC48-130V, AC/DC100-250V, AC/DC200-500V ; 50/60Hz for AC See below table of Coil voltage code
"I _r " Current	See below table of Short-circuit characteristics
"I _q " Current	See below table of Short-circuit characteristics
Number of poles	LC1G115, LC1G150, LC1G185, LC1G225, LC1G205, LC1G245 : 3P ; LC1G1154, LC1G1504, LC1G1854, LC1G2254 : 4P ;
Auxiliary circuits	LAG8N 1NO+1NC (LAG8N11), 2NO (LAG8N20) I _{th} : 10A ; AC-15 : Ue/Ie : 120V/6A, 600V/1,2A ; DC-13 : Ue/Ie : 125V/1,1A, 250V/0,55A ;
Remote Diag. Module:	only apply to LC1GXXXLSEMC Modbus(6pin): LA9GRDMX Modbus/DO(8pin): LA9GRDMD



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Coil voltage code

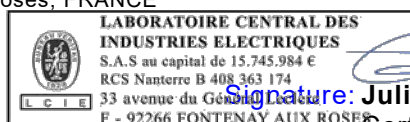
Coil code	Us (V)	Frequency
BEEA	24-48V AC/DC	50/60 Hz and DC
EHEA,EHEN, EHEC	48-130V AC/DC	50/60 Hz and DC
KUEN, KUEC	100-250V AC/DC	50/60 Hz and DC
LSEN,LSEA, LSEC, LSEMC	200-500V AC/DC	50/60 Hz and DC

Short-circuit characteristics for AC

Reference	Prosp. short-circuit current (kA)		Schneider Electric overload relay + SCPD			
LC1G115 LC1G1154	690V	5	LR9G115	125A aM Fuse	I _r	
	1000V	3		63A aM Fuse		
LC1G150 LC1G1504	230V	5	LR9G225	125A aM Fuse		
	500V	10		160A aM Fuse		
	690V	5		125A aM Fuse		
	1000V	3		63A aM Fuse		
LC1G185 LC1G1854	500V	10	LR9G225	225A aM Fuse		
	690V	5		125A aM Fuse		
	1000V	3		63A aM Fuse		
LC1G205	690V	10	LR9G225	225A aM Fuse		
	1000V	5		125A aM Fuse		
LC1G225 LC1G2254 LC1G245	690V	10	LR9G225	250A aM Fuse		
	1000V	5		125A aM Fuse		
	1000V	10		315A aM Fuse		
LC1G115 LC1G1154	500V	100	LR9G115	125A aM Fuse		I _q
	690V	80		125A aM Fuse		
	1000V	25		63A aM Fuse		
LC1G150 LC1G1504	500V	100	LR9G225	160A aM Fuse		
	690V	80		125A aM Fuse		
	1000V	25		63A aM Fuse		
LC1G185 LC1G1854 LC1G205	500V	100	LR9G225	225A aM Fuse		
	690V	80		160A aM Fuse		
	1000V	25		80A aM Fuse		
LC1G225 LC1G2254 LC1G245	500V	100	LR9G225	250A aM Fuse		
	690V	80		200A aM Fuse		
	1000V	25		125A aM Fuse		



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Reference	Prosp. short-circuit current (kA)		SCPD	
	V	kA		
LC1G1154	1000V	10	250A gG Fuse	I _r
LC1G1504	1000V	10	300A gG Fuse	
LC1G1854	1000V	10	315A gG Fuse	
LC1G2254	1000V	18	330A aR Fuse	
LC1G1154	500V	100	250A gG Fuse	I _q
	690V	80		
	1000V	25		
LC1G1504	500V	100	300A gG Fuse	
	690V	80		
	1000V	25		
LC1G1854	500V	100	315A gG Fuse	
	690V	80		
	1000V	25		
LC1G2254	500V	100	330A gG Fuse	
	690V	80	330A aR Fuse	
	1000V	25		

Short-circuit characteristics for DC

Reference	Prosp. short-circuit current (kA)		SCPD	
	V	kA		
LC1G1154...S260 + DC Coupling bar LA9GQU601	750VDC	5	125A aR Fuse	I _r =I _q
LC1G1504...S260 + DC Coupling bar LA9GQU601	750VDC	5	125A aR Fuse	
LC1G1854...S260 + DC Coupling bar LA9GQU601	750VDC	5	125A aR Fuse	
LC1G2254...S260 + DC Coupling bar LA9GQU601	750VDC	5	125A aR Fuse	



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Mirror contacts qualifications:

Mirror quality for the factory assembled auxiliary block's NC contact and for the NC contacts on possible side auxiliary block add-ons, i.e. auxiliary blocks: LAG8N11, LAG8N11P, LAG8N113, LAG8N113P

Contactor Ref.: LC1G115, LC1G150, LC1G185, LC1G225, LC1G205, LC1G245, LC1G1154, LC1G1504, LC1G1854, LC1G2254.

Mechanical linked contact pairs qualifications:

Mechanical linked quality for the factory assembled auxiliary block's NO-NC contacts pair and for the NO-NC contacts on possible side auxiliary block add-ons, i.e. auxiliary blocks: LAG8N11, LAG8N11P, LAG8N113, LAG8N113P

Contactor Ref.: LC1G115, LC1G150, LC1G185, LC1G225, LC1G205, LC1G245, LC1G1154, LC1G1504, LC1G1854, LC1G2254.

LC1	G	225	4	EHE	S207	N
I	II	III	IV	V	VI	VII

I	Basic product type LC1 : single contactor
II	G = series name
III	Contactor size : 115, 150, 185, 225 (when VII is A or N) 205, 245 (when VII is C)
IV	Number of Poles Blank : 3 poles 4 : 4 poles - not available when VII is C
V	Coil voltage code : Coil voltage code table
VI	Blank : Standard version S207: Railway application S260 : new energy application (only applicable for LC1G1154, LC1G1504, LC1G1854, LC1G2254)
VII	Marketing versions A : Global advanced N : Global standard C : China standard Refer below for the available Coil code + Marketing version combinations



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