



Ref. Certif. No.

FR_711533/M2

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

CB TEST CERTIFICATE

Product

Contactor
AC 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/M1 dated 17/11/2021. add
Mechanically Linked/Mirror contacts description

☐ 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

2011990050,
2011990050 Amendment No.1,
2011990050-M2

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: 25/04/2022



LABORATOIRE CENTRAL DES
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

Signature:
Julien GAUTHIER
Certification Officer

ANNEX

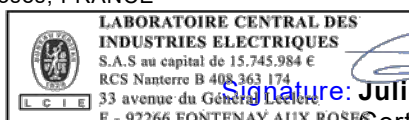
References, ratings and main characteristics:

LC1G115, LC1G150, LC1G185, LC1G225, LC1G205, LC1G245, LC1G1154, LC1G1504, LC1G1854, LC1G2254

Ui	1000V
Uimp	8kV
Ith	LC1G115, LC1G1154: 250A; LC1G150, LC1G1504: 275A; LC1G185, LC1G1854, LC1G205: 305A; LC1G225, LC1G2254, LC1G245: 330A;
Utilization category	LC1G115, LC1G150, LC1G185, LC1G225, LC1G205, LC1G245: AC-3, AC-3e, AC-4, AC-1; LC1G1154, LC1G1504, LC1G1854, LC1G2254: AC-1;
Ue/le	LC1G115: Ue/le: AC-3: AC230V/96A, AC400V/97A, AC415V/93A, AC440V/115A, AC500V/106A, AC690V/77A; AC-3e: AC230V/96A, AC400V/97A, AC415V/93A, AC440V/120A, AC500V/106A, AC690V/77A; AC-4: AC230V/96A, AC400V/97A, AC415V/93A, AC440V/104A, AC500V/92A, AC690V/77A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/250A;
	LC1G150: Ue/le: AC-3: AC230V/115A, AC400V/132A, AC415V/127A, AC440V/150A, AC500V/128A, AC690V/93A, AC1000V/53A; AC-3e: AC230V/115A, AC400V/132A, AC415V/127A, AC440V/145A, AC500V/128A, AC690V/93A, AC1000V/53A; AC-4: AC230V/115A, AC400V/132A, AC415V/127A, AC440V/128A, AC500V/128A, AC690V/93A, AC1000V/53A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/275A
	LC1G185: Ue/le: AC-3: AC230V/169A, AC400V/160A, AC415V/154A, AC440V/185A, AC500V/156A, AC690V/113A, AC1000V/53A; AC-3e: AC230V/169A, AC400V/160A, AC415V/154A, AC440V/177A, AC500V/156A, AC690V/113A, AC1000V/53A; AC-4: AC230V/169A, AC400V/160A, AC415V/154A, AC440V/161A, AC500V/156A, AC690V/113A, AC1000V/53A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/305A;
	LC1G205: Ue/le: AC-3: AC230V/193A, AC400V/195A, AC415V/188A, AC440V/205A, AC500V/180A, AC690V/131A, AC1000V/71A; AC-3e: AC230V/193A, AC400V/195A, AC415V/188A, AC440V/177A, AC500V/180A, AC690V/131A, AC1000V/71A; AC-4: AC230V/169A, AC400V/160A, AC415V/154A, AC440V/161A, AC500V/156A, AC690V/113A, AC1000V/53A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/305A;



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Julien GAUTHIER
Certification Officer

Date: 25/04/2022

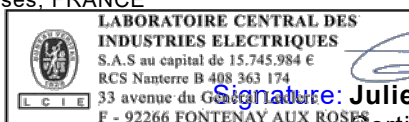
ANNEX

	LC1G225: Ue/Ie: AC-3: AC230V/169A, AC400V/195A, AC415V/188A, AC440V/225A, AC500V/184A, AC690V/162A, AC1000V/92A; AC-3e: AC230V/169A, AC400V/195A, AC415V/188A, AC440V/209A, AC500V/184A, AC690V/162A, AC1000V/92A; AC-4: AC230V/169A, AC400V/195A, AC415V/188A, AC440V/205A, AC500V/184A, AC690V/133A, AC1000V/92A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/330A
	LC1G245: Ue/Ie: AC-3: AC230V/230A, AC400V/230A, AC415V/222A, AC440V/245A, AC500V/224A, AC690V/162A, AC1000V/103A; AC-3e: AC230V/230A, AC400V/230A, AC415V/222A, AC440V/209A, AC500V/224A, AC690V/162A, AC1000V/103A; AC-4: AC230V/169A, AC400V/195A, AC415V/188A, AC440V/205A, AC500V/184A, AC690V/133A, AC1000V/92A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/330A;
	LC1G1154: AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/250A;
	LC1G1504: AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/275A;
	LC1G1854: AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/305A;
	LC1G2254: AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/330A;
Us	AC/DC24-48V, AC/DC48-130V, AC/DC100-250V, AC/DC200-500V; 50/60Hz for AC See below table of Coil voltage code
"Ir" Current	See below table of Short-circuit characteristics
"Iq" 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) Ith: 10A; AC-15: Ue/Ie: 120V/6A, 600V/1,2A; DC-13: Ue/Ie: 125V/1,1A, 250V/0,55A;



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Signature: **Julien GAUTHIER**
Certification Officer

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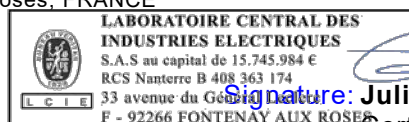
Coil code	Us (V)	Frequency
BEEA	24-48V AC/DC	50/60 Hz and DC
EHEA,EHEN, EHEC	48-130V AC/DC	50/60 Hz and DC
KUEN, KUEC	100-250V AC/DC	50/60 Hz and DC
LSEN,LSEA, LSEC	200-500V AC/DC	50/60 Hz and DC

Short-circuit characteristics

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



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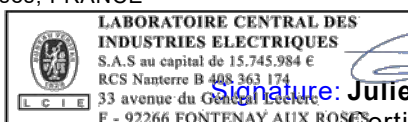
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Reference	Prosp. short-circuit current (kA)		SCPD	
LC1G1154	1000V	10	250A gG Fuse	Ir
LC1G1504	1000V	10	300A gG Fuse	
LC1G1854	1000V	10	315A gG Fuse	
LC1G2254	1000V	18	330A aR Fuse	
LC1G1154	500V	100	250A gG Fuse	Iq
	690V	80		
	1000V	25		
LC1G1504	500V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



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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 pair 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 VI is A or N) 205, 245 (when VI is C)
IV	Number of Poles Blank : 3 poles 4 : 4 poles - not available when VI is C
V	Coil voltage code : Refer to Table below
VI	S207: Railway application Blank : Standard version
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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