

**IEC****IECEE**

Ref. Certif. No.

**FR\_712795/M2**

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

**CB TEST CERTIFICATE**

Product

**Contacteur**  
AC Contacteur

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.

LC1G630, LC1G620, LC1G800, LC1G6304, LC1G8004

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

Supersedes CBTC FR\_712795/M1 dated 26/04/2022.  
Addition of components Additional Information on page 2

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

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

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

211996005  
211996005-M1  
211996005-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](http://www.lcie.fr)

Date: 28/03/2023

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 ROSESSignature:   
Julien GAUTHIER  
Certification Officer

## ANNEX

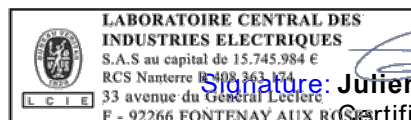
### References, ratings and main characteristics:

Ui	1000V
Uimp	8kV
Ith	1050A
Utilization category	AC-3, AC-3e, AC-4, AC-1;
Ue/le	LC1G620, Ue/le: AC-3: AC230V/609A, AC400V/580A, AC415V/622A, AC440V/620A, AC500V/552A, AC690V/447A, AC1000V/308A; AC-3e: AC230V/548A, AC400V/580A, AC415V/554A, AC440V/555A, AC500V/552A, AC690V/447A, AC1000V/308A; AC-4: AC230V/548A, AC400V/540A, AC415V/554A, AC440V/555A, AC500V/516A, AC690V/447A, AC1000V/244A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/1050A
	LC1G630, Ue/le: AC-3: AC230V/609A, AC400V/580A, AC415V/622A, AC440V/630A, AC500V/552A, AC690V/493A, AC1000V/308A; AC-3e: AC230V/ 548A, AC400V/540A, AC415V/554A, AC440V/555A, AC500V/516A, AC690V/493A, AC1000V/308A; AC-4: AC230V/548A, AC400V/540A, AC415V/554A, AC440V/555A, AC500V/516A, AC690V/447A, AC1000V/244A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/1050A;
	LC1G800, Ue/le: AC-3: AC230V/748A, AC400V/771A, AC415V/743A, AC440V/800A, AC500V/680A, AC690V/551A, AC1000V/308A; AC-3e: AC230V/609A, AC400V/580A, AC415V/588A, AC440V/587A, AC500V/584A, AC690V/551A, AC1000V/308A; AC-4: AC230V/609A, AC400V/645A, AC415V/588A, AC440V/587A, AC500V/552A, AC690V/470A, AC1000V/276A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/1050A;
	LC1G6304, Ue/le: AC-3: AC230V/609A, AC400V/580A, AC415V/622A, AC440V/630A, AC500V/552A, AC690V/493A, AC1000V/308A; AC-3e: AC230V/446A, AC400V/430A, AC415V/414A, AC440V/437A, AC500V/432A, AC690V/354A, AC1000V/230A; AC-4: AC230V/548A, AC400V/540A, AC415V/554A, AC440V/555A, AC500V/516A, AC690V/447A, AC1000V/244A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/1050A;



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
 33 avenue du Général Leclerc  
 92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 28/03/2023



Signature: *Julien GAUTHIER*  
 Certification Officer

### ANNEX

	LC1G8004, Ue/Ie: AC-3: AC230V/748A, AC400V/771A, AC415V/743A, AC440V/800A, AC500V/680A, AC690V/551A, AC1000V/308A; AC-3e: AC230V/548A, AC400V/540A, AC415V/554A, AC440V/555A, AC500V/516A, AC690V/493A, AC1000V/308A; AC-4: AC230V/609A, AC400V/645A, AC415V/588A, AC440V/587A, AC500V/552A, AC690V/470A, AC1000V/276A; AC-1: AC230V/AC400V/AC415V/AC440V/ AC500V/AC690V/AC1000V/1050A;
Us	AC/DC48-130V, AC/DC100-250V, AC/DC200-500V; 50/60Hz for AC See below table of Coil voltage code
"I <sub>r</sub> " Current	See below table of Short-circuit characteristics
"I <sub>q</sub> " Current	See below table of Short-circuit characteristics
Number of poles	LC1G630, LC1G800, LC1G620: 3P; LC1G6304, LC1G8004: 4P;
Auxiliary circuits	LAG8N 1NO+1NC(LAG8N11), 2NO(LAG8N20); I <sub>th</sub> : 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 LC1GXXLSEMC Modbus(6pin): LA9GRDMX Modbus/DO(8pin): LA9GRDMD

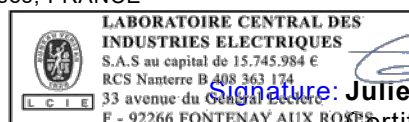
#### Coil voltage code

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



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

[www.lcie.fr](http://www.lcie.fr)



Signature: *Julien Gauthier*  
**Julien GAUTHIER**  
 Certification Officer

Date: 28/03/2023

## ANNEX

### Short-circuit characteristics

Reference	Prosp. short-circuit current (kA)		Schneider Electric overload relay + SCPD		
	V	kA			
LC1G630 LC1G6304 LC1G620...C	690V	18	LR9G630	aR 800A Fuse	I <sub>r</sub>
	1000V	10		aM 315A Fuse	
	LC1G800 LC1G8004	500V	30	/	
690V		18	aR 800A Fuse		
1000V		10	aM 315A Fuse		
LC1G630 LC1G6304 LC1G620...C	500V	100	LR9G630	aR 800A Fuse	
	690V	80		aR 630A Fuse	
	1000V	25		aM 315A Fuse	
LC1G800 LC1G8004	500V	100	/	aR 1000A Fuse	
	690V	80		aR 630A Fuse	
	1000V	25		aM 315A Fuse	

Reference	Prosp. short-circuit current (kA)		SCPD	
	V	kA		
LC1G6304	1000V	42	aR 1250A	I <sub>r</sub>
LC1G8004	1000V	42	aR 1250A	
LC1G6304	500V	100	aR 1250A	I <sub>q</sub>
	690V	80		
	1000V	42		
LC1G8004	500V	100	aR 1250A	
	690V	80		
	1000V	42		

### 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.: LC1G630, LC1G620, LC1G800, LC1G6304, LC1G8004.

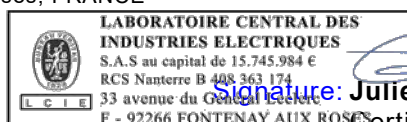
### Mechanical linked contact pairs qualifications:

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.: LC1G630, LC1G620, LC1G800, LC1G6304, LC1G8004.



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
 33 avenue du Général Leclerc  
 92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 28/03/2023



Signature: **Julien GAUTHIER**  
 Certification Officer

## ANNEX

### Type explanation

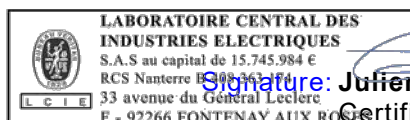
LC1	G	630	4	EHE	S207	N
I	II	III	IV	V	VI	VII

I	Basic product type LC1 : single contactor
II	G = series name
III	Contacteur size : 630, 800 (when VII is A or N), 620 (when VII is C)
IV	Number of Poles Blank : 3 poles 4 : 4 poles - not available when VII is C
V	Coil voltage code : Refer to coil code table
VI	S207: Railway application Blank : Standard version
VII	Marketing versions A : Global advanced N : Global standard C : China standard Refer to the available Coil code + Marketing version combinations



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
33 avenue du Général Leclerc  
92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 28/03/2023



Signature:  **Julien GAUTHIER**  
Certification Officer