Ref. Certif. No.

FR_719140/A1

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

CB TEST CERTIFICATE

Product	**Multiple function equipment** CPS Control and Protective Switching device
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	
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)	Schneider Electric
Customer's Testing Facility (CTF) Stage used	CTF2
Model / Type Ref.	TeSys Control range, Ultra motor starters: See Annex
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC FR_719140 dated 21/05/2024. Addition of product references and factories ☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2020 IEC 60947-1:2007 +A1:2010 +A2:2014 IEC 60947-5-1:2016 IEC 60947-6-2:2020
As shown in the Test Report Ref. No. which forms part of this Certificate	27674951-814931 17226512-784382A 17226512-784382B

This CB Test Certificate is issued by the National Certification Body

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Date: 03/03/2026

Signature: Julien GAUTHIER
Certification Officer

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S.A.S au capital de 15.745.984 €
33 avenue du Général Leclerc
92260 FONTENAY-AUX-ROSES

ANNEX

Name and address of the factories:

SCHNEIDER ELECTRIC FRANCE
2 Rue du Pont Vert
27100 LE VAUDREUIL
FRANCE

Note :
The above factory is only the manufacturing sites for the power bases which cover following products :
LUB12, LUB120, LUB32, LUB320, LU2MB0xx, LU6MB0xx, LU2B12xx, LU2BA0xx, LU2B32xx, LU2BB0xx, LUB38, LUB380; LU2MB0xx, LU6MB0xx where xx can be BL, B, FU, ES,
LU2B38xx, LU2BC0xx, where xx can be BL, FU.

For control units or other accessories, the manufacturing sites are as follows :

Control units or other accessories	Factory
LUCzYYxx where z can be A, B, C, D, L, YY can be X6, 1X; 05, 12,18, 32, 38 xx can be BL, B, FU, ES (limited to BL, FU for 38) ; LULC15, ASILUFC51, LULC033 ; LUFV2, LUFC00 ; LU9GC3	Schneider Electric France Zone Industrielle des Agriers 16021 Angoulême France
LUALB1, LUALF1	Industrias Electronicas Pacifico SA de CV Nafta 850 Parque Industrial Stiva Aeropuerto 66600 Apodaca Nuevo Leon Mexico
LU9MR1C, LU9M1, LU9MRC, LU9MRL, LU9MR1, LU9BN11L, LU9BN11C, LU9SP0	Schneider Electric a.s Cizovska 447 39701 Pisek Czech Republic
LA9LB920	Schneider Electric France 6-8 rue du Bailly BP 97812 21078 Dijon Cedex France

ANNEX

References, ratings and main characteristics:

TeSys Control range, Ultra motor starters:

LUB12, LUB120, LUB32, LUB320, LUB38, LUB380.
LU2MB0xx, LU6MB0xx where xx can be BL, B, FU, ES
LU2B12xx, LU2BA0xx, LU2B32xx, LU2B38xx, LU2BC0xx, where xx can be BL, B, FU, ES (limited to BL, FU for 38)
BL: 24VDC
B: 24VAC
FU: 110 - 240VAC/DC
ES: 48 - 72VAC/DC

Control units:

LUCzYYxx where:
z can be : A (standard control unit, 3-phase - magneto-thermal protections - class 10),
B (advanced control unit, 3-phase - magneto-thermal protections - class 10),
C (advanced control unit, single phase - magneto-thermal protections - class 10),
D (advanced control unit, 3-phase - magneto-thermal protections - class 20),
L (Magnetic protection only).

YY can be X6, 1X; 05, 12, 18, 32, 38
xx can be BL, B, FU, ES (limited to BL, FU for 38)

Thermal settings

X6: 0,15A...0,6A
1X: 0,35A...1,4A
05: 1,25A...5A
12: 3A...12A
18: 4,5A...18A
32: 8A...32A
38: 9,5...38A

Communication auxiliary modules: LUC15, ASILUFC51, LULC033
Load monitoring auxiliary modules: LUFV2, LUFC00
Limiter: LUALB1, LUALF1
Control terminal blocks: LU9MR1C, LU9MRC, LU9MRL, LU9BN11L, LU9BN11C
Terminal blocks for electrical remote control with reversor (2 direction of rotation): LU9MR1, LU9M1, LU9GC3

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ANNEX

Characteristics:

		Ue			
		230V	400V	440V	690V
LUB12, LUB120, LU2B12, LU2BA0	Ith	12A			
	Ie (AC-3 & AC-3e)	12A			
	Ie (AC-4)	12A			
	Ics	50kA			4kA
	Icr	360A			
	Ir	1kA			
LUB32, LUB320, LU2B32, LU2BB0	Ith	32A			
	Ie (AC-3 & AC-3e)	28,5A			21A
	Ie (AC-4)	28,5A			21A
	Ics	50kA			4kA
	Icr	855A			720A
	Ir	3kA			
LUB38, LUB380, LU2B38, LU2BB0	Ith	38A			
	Ie (AC-3 & AC-3e)	35A			24A
	Ie (AC-4)	28,5A			21A
	Ics	25kA			4kA
	Icr	1kA			720A
	Ir	3kA			

The value of Ics can be increased by adding a limiter (LUABL1) at upstream of LUB or LU2B (limited to 32A):
130 kA at 440V
70 kA at 690V
The value of Ics can be increased by adding a limiter (LA9LB920) at upstream of LUB38 or LU2B38:
70 kA at 440V
35 kA at 690V

Nominal tripping current value of Opening under short-circuit conditions :

When below Control Unit is installed in Power Base	Nominal tripping current value of Opening under short-circuit conditions Y x.Irmaxi
LUCA/B/C/D/L/X6	16,5 x Irmaxi = 9,9A
LUCA/B/C/D/ L/1X	16,5 x Irmaxi = 23,1A
LUCA/B/C/D/ L/05	16,5 x Irmaxi = 82,5A
LUCA/B/C/D/ L/12	16,5 x Irmaxi = 198A
LUCA/B/C/D/ L/18	16,5 x Irmaxi = 297A
LUCA/B/C/D/ L/32	13 x Irmaxi = 416A
LUCA/B/D/L38	13 x Irmaxi = 494A

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Main technical Parameter of Auxiliary Circuits:

Ui (Rated insulation voltage Ui) : 250V

Uimp (Rated impulse withstand voltage Uimp) : 4kV

Ith (Conventional free air thermal current Ith) : 5A

Rated operational current and voltage of corresponding Utilization Category: AC-15 / DC-13

utilization category	Ie / Ue :
AC15	3 A / 120 V 1,5 A / 240 V
DC13	0,55 A / 125 V 0.27 A / 250 V

Integrated auxiliary contacts inside LUB / LU2B: 1 NO+ 1 NC

Type of contact: X, Y

Samples of these integrated auxiliary contacts fulfil the requirements of IEC 60947-5-1:2016 used in conjunction with IEC 60947-1:2007, IEC 60947-1:2007/AMD1:2010, IEC 60947-1:2007/AMD2:2014.

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Test item particulars:	
Number of poles	3
Kind of current	AC
Method of operation	Manual and electromagnetic
Method of control	Automatic and non-automatic
Method of resetting after overload	Self re setting
Method of rearming after short-circuit	Incapable of remote re-arming after operation: normally operated circuit-breaker
Rated and limiting values, main circuit	
rated operational voltage Ue (V)	690
rated insulation voltage Ui (V)	690
rated impulse withstand voltage Uimp(kV)	6
conventional free air thermal current Ith (A)	12/32/38
rated operational current Ie (A) or rated operational powers at the rated voltage and utilization category	Base 12A: 12 A (690V AC-3/AC-3e/AC-4) Base 32A: 28.5A (440V AC-3/AC-3e/AC-4) 21A (690V AC-3/AC-3e/AC-4) Base 38A: 35A (440V AC-3/AC-3e) 28.5A (440V AC-4) 24A (690V AC-3/AC-3e) 21A (690V AC-4)
Rated frequency	50/60Hz
Rated duties	uninterrupted
Short-circuit characteristic	
rated service short-circuit breaking capacity Ics (kA)	12A: 50kA (440V), 4kA (690V) 32A: 50kA (440V), 4kA (690V) 38A: 25kA (440V), 4kA (690V)
Electrical control circuits	
Type of current	AC/DC
Power consumption	Coil and LUB12/32 DC 2.7 W measured (7.7 W declared) AC 4.7 VA measured (8.4 VA declared) Coil and LUB38 DC 1.88 W measured (5.5 W declared) AC 3.8 VA measured (6.0 VA declared)
Rated frequency (or DC.)	50/60 Hz or DC.
Rated control circuit voltage Uc (nature)	NA 24VDC: 20…27VDC 24VAC: 20…26.5VAC
Rated control supply voltage Us (nature), where applicable	48-72VAC: 38.5…72VAC 48-72VDC: 38.5…93VDC 110-240VAC: 88…264VAC
Nature of control circuit device (electromagnetic, electronically controlled, etc)	Electronically controlled

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	Modules		Ue (V)	Ui (V)	Uimp (kV)
Communication modules LUFC…	LULC033	Modbus communication	24 VDC	24	0,8
	LULC15	STB communication	24 VDC	24	0,8
	ASILUFC51	ASi communication	24 VDC	24	0,8
	LUFC00	Parallel wiring	24 VDC	24	0,8
Contact auxiliaries LUA8…	LUA8E20	Additional lateral block	690	690	6
Auxiliaries LUFN…	LUFN20/11/02	Contacts auxiliaries modules	24…250 V AC/DC	250	4
Load monitoring Auxiliaries LUF…	LUFDH11	Overload alarm module with manual reset	24…250 V AC/DC	250	4
	LUFDA01/10	Overload alarm module with automatic/Remote reset	24…250 V AC/DC	250	4
	LUFV2	Motor load indication function	24 VDC	24	0,8
Control terminal block LU9…	LU9BN11	NO & NC pole contacts (13/14 – 21/22)	250	250	4

Auxiliary circuits :	
Voltages:	
Rated operational voltage Ue :	See the above table
rated insulation voltage Ui (V) :	See the above table
rated impulse withstand voltage Uimp (kV):	See the above table
currents:	
conventional free air thermal current Ith (A):	5
rated operational current Ie (A):	AC: 3 A / 120 V 1.5 A / 240 V DC: 0.55 A /125 V 0.27 A / 250 V
rated uninterrupted current Iu (A):	permanent
rated frequency (Hz) :	50/60 Hz and DC
Contact elements may be classified as follows:	
utilization category (see clause 4.4) :	AC-15 DC-13
electrical ratings based on utilization categories (see Annex A)	AC-15: 3 A / 120 V and 1.5 A / 240 V DC-13: 0.55 A /125 V and 0.27 A / 250 V
one of the following form letters (see figure 4)	form X – double gap make-contact element form Y – double gap break-contact element
short-circuit characteristic	
type and maximum ratings of short-circuit protective device	Fuse gG 4 A

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Rated and limiting values of relays and releases (overload relays)	
Types of relay or release	Overload time-delay relay the time-lag of which is: Dependent on previous load (e.g. thermal or electronic overload relay) and also sensitive to phase loss Instantaneous over-current relay or release (e.g jam sensitive, see 3.2.29)
Characteristic values	
Overload relay :	
Designation and current settings	12A: 0.15…0.6 / 0.35…1.4 / 1.25…5 / 3…12 32A: 4.5…18 / 8…32 38A: 9.5 ….38
Rated frequency, when necessary (for example in case of a current transformer operated overload relay)	50…60 Hz
Time-current characteristics (or range of characteristics), when necessary	See tripping curves in attachments of test report
Trip class according to classification in table 2, or the value of maximum tripping time, in seconds, under the conditions specified in 8.2.1.5.1, table 2, column D, when this time exceeds 40 s	Class 10 and class 20
number of poles	3 (2 for LUCC)
Nature of the relay: thermal, magnetic, electronic electronic without thermal memory	Electronic

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