

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

CB TEST CERTIFICATE

Product

Residual current operated circuit-breakers with integral overcurrent protection (RCBO's)

Name and address of the applicant

LEGRAND FRANCEZone Industrielle les trois moulins 159 rue Jean Joannon CS
80729
06605 ANTIBES CEDEX
France

Name and address of the manufacturer

LEGRAND FRANCEZone Industrielle les trois moulins 159 rue Jean Joannon CS
80729
06605 ANTIBES CEDEX
France

Name and address of the factory

LEGRAND FRANCEZone Industrielle les trois moulins 159 rue Jean Joannon CS
80729
06605 ANTIBES CEDEX
France

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)

LEGRAND

Customer's Testing Facility (CTF) Stage used

CTF2

Model / Type Ref.

Series DX³ Germanique
References see Annex

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

 Additional Information on page 2

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

IEC 61009-1:2010(ed.3) +A1:2012 +A2:2013
IEC 61009-2-1:1991(ed.1)
IEC 62423:2009(ed.2)

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

127052-654642, 127052-654642/1 to 127052-654642/63,
148141-701879 A, 148141-701879 A1 to 148141-701879 A11,
148141-702083 A, 148141-702083 A1

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
www.lcie.frLABORATOIRE CENTRAL DES
INDUSTRIES ELECTRIQUES
S.A.S au capital de 33 333 333 €
RCS Nanterre 488 463 174
33 Avenue du Général Leclerc
92266 FONTENAY AUX ROSES

Date: 16/06/2017

Signature: **Gilles LEMONNIER**
Certification Officer

ANNEX

References, ratings and main characteristics:

references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Neutral	Icn
LG4418	0.5	C	30	F*	Right	6000A
LG4419	1	C	30	F*	Right	6000A
LG4420	2	C	30	F*	Right	6000A
LG4421	3	C	30	F*	Right	6000A
LG4422	4	C	30	F*	Right	6000A
LG4423	6	C	30	F*	Right	6000A
LG4424	10	C	30	F*	Right	6000A
4111 15	13	C	30	F*	Right	6000A
4111 16	16	C	30	F*	Right	6000A
LG4425	20	C	30	F*	Right	6000A
LG4426	25	C	30	F*	Right	6000A
LG4427	32	C	30	F*	Right	6000A
LG4428	40	C	30	F*	Right	6000A

* F for Austria market

references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Neutral	Icn
LG4450	0.5	B	30	F*	Right	6000A
LG4451	1	B	30	F*	Right	6000A
LG4452	2	B	30	F*	Right	6000A
LG4453	3	B	30	F*	Right	6000A
LG4454	4	B	30	F*	Right	6000A
LG4455	6	B	30	F*	Right	6000A
LG4456	10	B	30	F*	Right	6000A
LG7060	13	B	30	F*	Right	6000A
LG7061	16	B	30	F*	Right	6000A
LG4457	20	B	30	F*	Right	6000A
LG4458	25	B	30	F*	Right	6000A
LG4459	32	B	30	F*	Right	6000A
LG4460	40	B	30	F*	Right	6000A

* F for Austria market



LCIE – Laboratoire Central des Industries Electriques
 33, avenue du Général Leclerc – BP8
 FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr



Signature: **Gilles LEMONNIER**
 Certification Officer

Date: 16/06/2017

ANNEX (continued)

references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Neutral	Icn
LG1755	0.5	C	30	F	Right	6000A
LG1756	1	C	30	F	Right	6000A
LG1757	2	C	30	F	Right	6000A
LG1758	3	C	30	F	Right	6000A
LG1759	4	C	30	F	Right	6000A
4111 02	6	C	30	F	Right	6000A
4111 03	10	C	30	F	Right	6000A
4111 04	13	C	30	F	Right	6000A
4111 05	16	C	30	F	Right	6000A
4111 06	20	C	30	F	Right	6000A
4111 07	25	C	30	F	Right	6000A
4111 08	32	C	30	F	Right	6000A
4111 09	40	C	30	F	Right	6000A
references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Neutral	Icn
LG4512	0.5	C	30	F*	Right	10000A
LG4513	1	C	30	F*	Right	10000A
LG4514	2	C	30	F*	Right	10000A
LG4515	3	C	30	F*	Right	10000A
LG4516	4	C	30	F*	Right	10000A
4113 09	6	C	30	F*	Right	10000A
4113 10	10	C	30	F*	Right	10000A
4113 11	13	C	30	F*	Right	10000A
4113 12	16	C	30	F*	Right	10000A
4113 13	20	C	30	F*	Right	10000A
4113 14	25	C	30	F*	Right	10000A
4113 15	32	C	30	F*	Right	10000A
4113 16	40	C	30	F*	Right	10000A



LCIE – Laboratoire Central des Industries Electriques
 33, avenue du Général Leclerc – BP8
 FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr



LABORATOIRE CENTRAL DES
 INDUSTRIES ELECTRIQUES
 S.A.S au capital de 15 000 000 €
 RCS Nantes n° 488 831 124
 33 Avenue du Général Leclerc
 92266 FONTENAY AUX ROSES

Date: 16/06/2017

Signature: Gilles LEMONNIER
 Certification Officer

ANNEX (continued)

references	In (A)	Instantaneous tripping current	I Δ n (mA)	Type	Neutral	Icn
LG4528	0.5	B	30	F*	Right	10000A
LG4529	1	B	30	F*	Right	10000A
LG4530	2	B	30	F*	Right	10000A
LG4531	3	B	30	F*	Right	10000A
LG4532	4	B	30	F*	Right	10000A
4113 01	6	B	30	F*	Right	10000A
4113 02	10	B	30	F*	Right	10000A
4113 03	13	B	30	F*	Right	10000A
4113 04	16	B	30	F*	Right	10000A
4113 05	20	B	30	F*	Right	10000A
4113 06	25	B	30	F*	Right	10000A
4113 07	32	B	30	F*	Right	10000A
4113 08	40	B	30	F*	Right	10000A

* F for Austria market

Independent of line voltage :	yes
Rated voltage Ue : (V~)	230
Rated current In : (A)	See above table
Rated frequency : (Hz)	50
Rated residual operating current I Δ n : (A)	See above table
Type :	F
Temporisation :	without
Nature of supply :	~
Total number of poles :	2
Number of protected poles :	1 (neutral on right)
Rated insulation voltage Ui : (V)	250
Rated impulse withstand voltage Uimp : (V)	4000
Instantaneous tripping current :	See above table
Utilisation range temperature : (°C)	-25°C à/to +40°C
Rated short-circuit capacity Icn : (A)	See above table
Rated residual making and breaking capacity I Δ m: (A)	4500
Energy limiting class (I ² t) :	3 (according to EN 61009)
Grid distance (short-circuit tests) :	35
Protection against external influences :	enclosed
Protection degree :	IP20
Material group:	II
Method of mounting :	Panel board and rail
Method of electrical connection :	
not associated with the mechanical-mounting	
Type of terminals :	Pillar terminal
Nominal diameter of thread : (mm)	4,9
Operating means :	Lever



LCIE – Laboratoire Central des Industries Electriques
 33, avenue du Général Leclerc – BP8
 FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr



Signature: **Gilles LEMONNIER**
 Certification Officer

Date: 16/06/2017