

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

## CB TEST CERTIFICATE

Product

**Residual-current operated circuit-breaker with integral overcurrent protection**

Residual current operated circuit-breaker with integral overcurrent protection for household and similar uses (RCBO)

Name and address of the applicant

**LEGRAND FRANCE**

Zone Industrielle les trois moulins - 159 rue Jean Joannon - CS 80729, 06605 ANTIBES - France

Name and address of the manufacturer

**LEGRAND FRANCE**

Zone Industrielle les trois moulins - 159 rue Jean Joannon - CS 80729, 06605 ANTIBES - France

Name and address of the factory

**LEGRAND FRANCE**

Zone Industrielle les trois moulins - 159 rue Jean Joannon - CS 80729, 06605 ANTIBES - France

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

See annex 1

Ratings and principal characteristics

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

Series DX<sup>3</sup>

References: see annex 1

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

Supersedes CBTC no. 662697B/M1 dated 2016/12/13 (Update the list of product references )

 Additional Information in Annex 1

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)

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

130447-662697, 130447-662697/1, 130447-662697/28,  
142134-687217, 142134-687217/1 to 142134-687217/6

This CB Test Certificate is issued by the National Certification Body



LCIE

LCIE – Laboratoire Central des Industries  
Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)Signature: **Gilles LEMONNIER**  
Certification Officer

Date: 19/01/2017

## ANNEX 1

## REFERENCES, MAIN CHARACTERISTICS

References Series DX3	In	Curve	IΔn	Type	Energy limiting class (I <sup>2</sup> t)
LG979	6 A	C	30 mA	AC	3
4111 85	10 A	C	30 mA	AC	3
LG980	13 A	C	30 mA	AC	3
4111 86	16 A	C	30 mA	AC	3
4111 87	20 A	C	30 mA	AC	3
4111 88	25 A	C	30 mA	AC	1
4111 89	32 A	C	30 mA	AC	1
LG981	6 A	C	300 mA	AC	3
4112 04	10 A	C	300 mA	AC	3
LG982	13 A	C	300 mA	AC	3
4112 05	16 A	C	300 mA	AC	3
4112 06	20 A	C	300 mA	AC	3
4112 07	25 A	C	300 mA	AC	1
4112 08	32 A	C	300 mA	AC	1
LG983	6 A	C	30 mA	A	3
4112 33	10 A	C	30 mA	A	3
4113 57	13 A	C	30 mA	A	3
4112 34	16 A	C	30 mA	A	3
4112 35	20 A	C	30 mA	A	3
4112 36	25 A	C	30 mA	A	1
4112 37	32 A	C	30 mA	A	1
LG985	6 A	C	300 mA	A	3
4112 38	10 A	C	300 mA	A	3
LG986	13 A	C	300 mA	A	3
4112 39	16 A	C	300 mA	A	3
4112 40	20 A	C	300 mA	A	3
4112 41	25 A	C	300 mA	A	1
4112 42	32 A	C	300 mA	A	1



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## REFERENCES, MAIN CHARACTERISTICS

(continued)

References Series DX3	In	Curve	IΔn	Type	Energy limiting class (I <sup>2</sup> t)
LG987	6 A	B	30 mA	A	1
4112 23	10 A	B	30 mA	A	1
4113 56	13 A	B	30 mA	A	1
4112 24	16 A	B	30 mA	A	1
4112 25	20 A	B	30 mA	A	1
4112 26	25 A	B	30 mA	A	1
4112 27	32 A	B	30 mA	A	1
LG989	6 A	B	300 mA	A	1
4112 28	10 A	B	300 mA	A	1
LG990	13 A	B	300 mA	A	1
4112 29	16 A	B	300 mA	A	1
4112 30	20 A	B	300 mA	A	1
4112 31	25 A	B	300 mA	A	1
4112 32	32 A	B	300 mA	A	1
LG6710	6 A	C	30 mA	A*	3
LG6711	10 A	C	30 mA	A*	3
LG6712	13 A	C	30 mA	A*	3
LG6713	16 A	C	30 mA	A*	3
LG6714	20 A	C	30 mA	A*	3
LG6715	25 A	C	30 mA	A*	1
LG6716	32 A	C	30 mA	A*	1

A\*: for Austria



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**REFERENCES, MAIN CHARACTERISTICS**  
(end)

Independent of line voltage	yes
Rated voltage $U_e$ : (V)	400
Rated current $I_n$ : (A)	See above table
Rated frequency : (Hz)	50
Rated residual operating current $I_{dn}$ : (A)	See above table
Type :	See above table
Temporisation :	without
Nature of supply :	~
Total number of poles :	4
Number of protected poles :	4
Rated insulation voltage $U_i$ : (V)	500
Instantaneous tripping current :	B - C
Rated impulse withstand voltage $U_{imp}$ : (V)	4000
Reference ambient calibration air temperature : (°C)	30°C
Utilisation range temperature : (°C)	-25°C to +40°C
Rated short-circuit capacity $I_{cn}$ : (A)	6000
Rated residual making and breaking capacity $I_{\Delta m}$ : (A)	4500
Grid distance (short-circuit tests) :	45mm
Protection against external influences :	enclosed
Protection degree :	IP20
Material group:	II
Method of mounting :	Panel board/on 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


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