



Ref. Certif. No.

FR_718648

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 FRANCE
159 RUE JEAN JOANNON
ZI DES TROIS MOULINS
06606 ANTIBES
FRANCE

Name and address of the manufacturer

LEGRAND FRANCE
159 RUE JEAN JOANNON
ZI DES TROIS MOULINS
06606 ANTIBES
FRANCE

Name and address of the factory

LEGRAND FRANCE
159 RUE JEAN JOANNON
ZI DES TROIS MOULINS
06606 ANTIBES
FRANCE

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

CTF2

Model / Type Ref.

Series DX³
See Annex

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

Supersedes CBTC FR_662697B/M1/A1 dated 2017/01/19. Update further to the evolution of the standard(s)

Additional Information on page 2

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

IEC 61009-1:2010 +A1:2012 +A2:2013
IEC 61009-2-1:1991

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

130447-662697, 130447-662697/1 to 130447-662697/28,
142134-687217, 142134-687217/1 to 142134-687217/6,
21082482 - 797102

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: 29/02/2024

Signature: **Didier BOURDES**
Manager of Certification Operations



ANNEX

References, main characteristics:

RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG979	6	C	30	AC	6000A	3
4111 85	10	C	30	AC	6000A	3
LG980	13	C	30	AC	6000A	3
4111 86	16	C	30	AC	6000A	3
4111 87	20	C	30	AC	6000A	3
4111 88	25	C	30	AC	6000A	1
4111 89	32	C	30	AC	6000A	1

RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG981	6	C	300	AC	6000A	3
4112 04	10	C	300	AC	6000A	3
LG982	13	C	300	AC	6000A	3
4112 05	16	C	300	AC	6000A	3
4112 06	20	C	300	AC	6000A	3
4112 07	25	C	300	AC	6000A	1
4112 08	32	C	300	AC	6000A	1



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RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG983	6	C	30	A	6000A	3
4112 33	10	C	30	A	6000A	3
4113 57	13	C	30	A	6000A	3
4112 34	16	C	30	A	6000A	3
4112 35	20	C	30	A	6000A	3
4112 36	25	C	30	A	6000A	1
4112 37	32	C	30	A	6000A	1

RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG985	6	C	300	A	6000A	3
4112 38	10	C	300	A	6000A	3
LG986	13	C	300	A	6000A	3
4112 39	16	C	300	A	6000A	3
4112 40	20	C	300	A	6000A	3
4112 41	25	C	300	A	6000A	1
4112 42	32	C	300	A	6000A	1



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RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG987	6	B	30	A	6000A	1
4112 23	10	B	30	A	6000A	1
4113 56	13	B	30	A	6000A	1
4112 24	16	B	30	A	6000A	1
4112 25	20	B	30	A	6000A	1
4112 26	25	B	30	A	6000A	1
4112 27	32	B	30	A	6000A	1

RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG989	6	B	300	A	6000A	1
4112 28	10	B	300	A	6000A	1
LG990	13	B	300	A	6000A	1
4112 29	16	B	300	A	6000A	1
4112 30	20	B	300	A	6000A	1
4112 31	25	B	300	A	6000A	1
4112 32	32	B	300	A	6000A	1



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RCBO's references	I_n (A)	Instantaneous tripping current	$I_{\Delta n}$ (mA)	Type	I_{cn}	energy class limitation
LG6710	6	C	30	A*	6000A	3
LG6711	10	C	30	A*	6000A	3
LG6712	13	C	30	A*	6000A	3
LG6713	16	C	30	A*	6000A	3
LG6714	20	C	30	A*	6000A	3
LG6715	25	C	30	A*	6000A	1
LG6716	32	C	30	A*	6000A	1

* for Austria Market

independent on the line voltage	Yes
Rated voltage (U_N)	400V
Rated current (I_N)	See above table
Rated frequency (Hz)	50
Rated residual operating current ($I_{\Delta N}$)	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)	500V
Instantaneous tripping current	B, C
Rated impulse withstand voltage (U_{imp})	4000V
Reference ambient calibration air temperature	30°C
Utilisation range temperature	-25°C to +40°C
Rated short-circuit capacity (I_{CN})	6000A
Rated residual making and breaking capacity ($I_{\Delta M}$)	4500A
Grid distance (short circuit tests)	45 mm
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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