



Ref. Certif. No.

FR_718651

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_700038 dated 2017/02/20 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
IEC 62423:2009

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

142134-687221, 142134-687221/1, 142134-687221/2,
130447-662697, 130447-662697/1 to 130447-662697/28,
142134-687217, 142134-687217/1 to 142134-687217/6,
21082482 - 797109

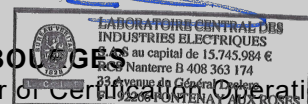
This CB Test Certificate is issued by the National Certification Body



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 BOUAGES**
Manager of Certification Operations



ANNEX

Ratings and main characteristics:

Series DX³ - 6000 A

RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG1111	6	C	30	F	6000	3
LG1112	10	C	30	F	6000	3
LG1113	13	C	30	F	6000	3
4112 44	16	C	30	F	6000	3
4112 45	20	C	30	F	6000	3
4112 46	25	C	30	F	6000	1
4112 47	32	C	30	F	6000	1

RCBO's references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn	energy class limitation
LG1114	6	C	300	F	6000	3
LG1115	10	C	300	F	6000	3
LG1116	13	C	300	F	6000	3
4112 49	16	C	300	F	6000	3
4112 50	20	C	300	F	6000	3
4112 51	25	C	300	F	6000	1
4112 52	32	C	300	F	6000	1



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ANNEX

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	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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