Ref. Certif. No.

FR_718839

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)	legrand
Customer's Testing Facility (CTF) Stage used	CTF3
Model / Type Ref.	Series DX³ 6000A and 4500A References : see annex
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC FR 660382C/M2 dated 28/05/2018. Addition of product references and Normative update of EN : A13/EN 61009-1 ☐ 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	21335757-797998, 21335757-797998/1 to 21335757-797998/4, 21335757-798003A,21335757-798003A1, 21335757-798007A, 21335757-798007A1,129551-660382A, 129551-660382A/1 to129551-660382A, 129551-660382A/1 to 129551-660382A/28, 129551-660382C, 129551-660382C/1, 140607-683369, 140607-683368A, 140607-683368A/1 to 140607-683368A/2, 151544-711867 A, 151544-711867 A1 to 151544-711867 A7, 151544-711867 C

This CB Test Certificate is issued by the National Certification Body

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
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LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

Date: 08/04/2024

Signature: **Julien GAUTHIER**
Certification Officer

ANNEX

References, ratings and main characteristics:

References DX³ serie	Rated current In (A)	Curve	Rated residual operating current IΔn (mA)	Type	Neutral	Rated short-circuit capacity Icn (A)	Rated residual making and breaking capacity IΔm (A)
4107 80	10	C	10	AC	Left	6000	3000
4107 81	16	C	10	AC	Left	6000	3000
4107 90	2	C	30	AC	Left	6000	3000
LG2100	3	C	30	AC	Left	6000	3000
4107 91	6	C	30	AC	Left	6000	3000
4107 92	10	C	30	AC	Left	6000	3000
LG2101	13	C	30	AC	Left	6000	3000
4107 93	16	C	30	AC	Left	6000	3000
4107 94	20	C	30	AC	Left	6000	3000
4107 95	25	C	30	AC	Left	6000	3000
4107 96	32	C	30	AC	Left	6000	3000
4107 97	40	C	30	AC	Left	6000	3000
4108 18	2	C	300	AC	Left	6000	3000
LG2102	3	C	300	AC	Left	6000	3000
4108 19	6	C	300	AC	Left	6000	3000
4108 20	10	C	300	AC	Left	6000	3000
LG2103	13	C	300	AC	Left	6000	3000
4108 21	16	C	300	AC	Left	6000	3000
4108 22	20	C	300	AC	Left	6000	3000
4108 23	25	C	300	AC	Left	6000	3000
4108 24	32	C	300	AC	Left	6000	3000
4108 25	40	C	300	AC	Left	6000	3000

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References DX³ serie	Rated current In (A)	Curve	Rated residual operating current IΔn (mA)	Type	Neutral	Rated short-circuit capacity Icn (A)	Rated residual making and breaking capacity IΔm (A)
8LG0051	2	C	30	A	Left	6000	3000
8LG0052	3	C	30	A	Left	6000	3000
8LG0053	6	C	30	A	Left	6000	3000
8LG0054	10	C	30	A	Left	6000	3000
8LG0055	13	C	30	A	Left	6000	3000
8LG0056	16	C	30	A	Left	6000	3000
8LG0057	20	C	30	A	Left	6000	3000
8LG0058	25	C	30	A	Left	6000	3000
8LG0059	32	C	30	A	Left	6000	3000
8LG0060	40	C	30	A	Left	6000	3000

References DX³ serie	Rated current In (A)	Curve	Rated residual operating current IΔn (mA)	Type	Neutral	Rated short-circuit capacity Icn (A)	Rated residual making and breaking capacity IΔm (A)
LG2110	2	B	30	AC	Left	6000	3000
LG2111	3	B	30	AC	Left	6000	3000
LG2112	6	B	30	AC	Left	6000	3000
LG2113	10	B	30	AC	Left	6000	3000
LG2114	13	B	30	AC	Left	6000	3000
LG2115	16	B	30	AC	Left	6000	3000
LG2116	20	B	30	AC	Left	6000	3000
LG2117	25	B	30	AC	Left	6000	3000
LG2118	32	B	30	AC	Left	6000	3000
LG4595	40	B	30	AC	Left	6000	3000
LG4596	2	B	300	AC	Left	6000	3000
LG4597	3	B	300	AC	Left	6000	3000
LG4598	6	B	300	AC	Left	6000	3000
LG4599	10	B	300	AC	Left	6000	3000
LG4600	13	B	300	AC	Left	6000	3000
LG4601	16	B	300	AC	Left	6000	3000
LG4602	20	B	300	AC	Left	6000	3000
LG4603	25	B	300	AC	Left	6000	3000
LG4604	32	B	300	AC	Left	6000	3000
LG4605	40	B	300	AC	Left	6000	3000

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References DX³ "other range" serie (1)	Rated current In (A)	Curve	Rated residual operating current IΔn (mA)	Type	Neutral	Rated short-circuit capacity Icn (A)	Rated residual making and breaking capacity IΔm (A)
8LG0001	2	C	30	A	Left	4500	3000
8LG0002	3	C	30	A	Left	4500	3000
8LG0003	6	C	30	A	Left	4500	3000
8LG0004	10	C	30	A	Left	4500	3000
8LG0005	13	C	30	A	Left	4500	3000
8LG0006	16	C	30	A	Left	4500	3000
8LG0007	20	C	30	A	Left	4500	3000
8LG0008	25	C	30	A	Left	4500	3000
8LG0009	32	C	30	A	Left	4500	3000
8LG0010	40	C	30	A	Left	4500	3000

References DX³ "other range" serie (2)	Rated current In (A)	Curve	Rated residual operating current IΔn (mA)	Type	Neutral	Rated short-circuit capacity Icn (A)	Rated residual making and breaking capacity IΔm (A)
8LG0011	2	C	30	A	Left	4500	3000
8LG0012	3	C	30	A	Left	4500	3000
8LG0013	6	C	30	A	Left	4500	3000
8LG0014	10	C	30	A	Left	4500	3000
8LG0015	13	C	30	A	Left	4500	3000
8LG0016	16	C	30	A	Left	4500	3000
8LG0017	20	C	30	A	Left	4500	3000
8LG0018	25	C	30	A	Left	4500	3000
8LG0019	32	C	30	A	Left	4500	3000
8LG0020	40	C	30	A	Left	4500	3000

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ANNEX

References DX³ "other range" serie (2) *	Rated current In (A)	Curve	Rated residual operating current IΔn (mA)	Type	Neutral	Rated short-circuit capacity Icn (A)	Rated residual making and breaking capacity IΔm (A)
8LG0021	2	C	30	A	Left	4500	3000
8LG0022	3	C	30	A	Left	4500	3000
8LG0023	6	C	30	A	Left	4500	3000
8LG0024	10	C	30	A	Left	4500	3000
8LG0025	13	C	30	A	Left	4500	3000
8LG0026	16	C	30	A	Left	4500	3000
8LG0027	20	C	30	A	Left	4500	3000
8LG0028	25	C	30	A	Left	4500	3000
8LG0029	32	C	30	A	Left	4500	3000
8LG0030	40	C	30	A	Left	4500	3000

Independent of line voltage :	yes
Dependent of line voltage :	no
Rated voltage Ue : (V)	230
Rated current In : (A)	2, 3, 6, 10, 13, 16, 20, 25, 32, 40
Rated frequency : (Hz)	50
Rated residual operating current IΔn : (mA)	10, 30, 300
Type :	See above table
Temporisation :	without
Nature of supply :	~
Total number of poles :	2 (neutral on left)
Number of protected poles :	1
Instantaneous tripping current :	B - C
Utilisation range temperature : (°C)	-25°C à/to +40°C *-5°C à/to +40°C (*)
Rated short-circuit capacity Icn : (A)	See above table
Rated residual making and breaking capacity IΔm: (A)	3000
Energy limiting class (I²t) :	3
Grid distance (short-circuit tests) :	35mm
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	yes
associated with the mechanical-mounting	no
Type of terminals :	pillar terminal
Nominal diameter of thread : (mm)	4,0
Operating means :	lever

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