



Ref. Certif. No.

FR\_700927/M1

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

CTF3

Model / Type Ref.

Series DX3 Germanique  
References : See Annex

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

Supersedes CBTC FR\_700927 dated 2017/06/06. Addition of product references

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

N° 18883186-789476, 18883186-789476-1, 18883186-789470  
N° 148141-701879 A, 148141-701879 A1 to 148141-701879 A11,  
N° 148141-702083 A, 148141-702083 A1,  
N° 127052-654642, 127052-654642 / 1 to 127052-654642 / 63

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  
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Signature: Gilles LEMONNIER  
Certification Officer

Date: 29/08/2023

## ANNEX

### References, ratings and main characteristics:

references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn (A)	I <sub>dm</sub> (A)	Neutral
LG1755	0,5 A	C	30	F	6000	4500	Right
LG1756	1 A	C	30	F	6000	4500	Right
LG1757	2 A	C	30	F	6000	4500	Right
LG1758	3 A	C	30	F	6000	4500	Right
LG1759	4 A	C	30	F	6000	4500	Right
4111 02	6 A	C	30	F	6000	4500	Right
4111 03	10 A	C	30	F	6000	4500	Right
4111 04	13 A	C	30	F	6000	4500	Right
4111 05	16 A	C	30	F	6000	4500	Right
4111 06	20 A	C	30	F	6000	4500	Right
4111 07	25 A	C	30	F	6000	4500	Right
4111 08	32 A	C	30	F	6000	4500	Right
4111 09	40 A	C	30	F	6000	4500	Right

references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn (A)	I <sub>dm</sub> (A)	Neutral
LG4418	0.5	C	30	F*	6000	4500	Right
LG4419	1	C	30	F*	6000	4500	Right
LG4420	2	C	30	F*	6000	4500	Right
LG4421	3	C	30	F*	6000	4500	Right
LG4422	4	C	30	F*	6000	4500	Right
LG4423	6	C	30	F*	6000	4500	Right
LG4424	10	C	30	F*	6000	4500	Right
4111 15	13	C	30	F*	6000	4500	Right
4111 16	16	C	30	F*	6000	4500	Right
LG4425	20	C	30	F*	6000	4500	Right
LG4426	25	C	30	F*	6000	4500	Right
LG4427	32	C	30	F*	6000	4500	Right
LG4428	40	C	30	F*	6000	4500	Right

\* F for Austria market



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references	In (A)	Instantaneous tripping current	I $\Delta$ n (mA)	Type	Icn (A)	Idm (A)	Neutral
LG4450	0,5 A	B	30	F*	6000	4500	Right
LG4451	1 A	B	30	F*	6000	4500	Right
LG4452	2 A	B	30	F*	6000	4500	Right
LG4453	3 A	B	30	F*	6000	4500	Right
LG4454	4 A	B	30	F*	6000	4500	Right
LG4455	6 A	B	30	F*	6000	4500	Right
LG4456	10 A	B	30	F*	6000	4500	Right
LG7060	13 A	B	30	F*	6000	4500	Right
LG7061	16 A	B	30	F*	6000	4500	Right
LG4457	20 A	B	30	F*	6000	4500	Right
LG4458	25 A	B	30	F*	6000	4500	Right
LG4459	32 A	B	30	F*	6000	4500	Right
LG4460	40 A	B	30	F*	6000	4500	Right

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references	In (A)	Instantaneous tripping current	I $\Delta$ n (mA)	Type	Icn (A)	Idm (A)	Neutral
LG7690	0,5 A	C	30	F	4500	4500	Right
LG7691	1 A	C	30	F	4500	4500	Right
LG7692	2 A	C	30	F	4500	4500	Right
LG7693	3 A	C	30	F	4500	4500	Right
LG7694	4 A	C	30	F	4500	4500	Right
LG7695	6 A	C	30	F	4500	4500	Right
LG7696	10 A	C	30	F	4500	4500	Right
LG7697	13 A	C	30	F	4500	4500	Right
LG7698	16 A	C	30	F	4500	4500	Right
LG7699	20 A	C	30	F	4500	4500	Right
LG7700	25 A	C	30	F	4500	4500	Right
LG7701	32 A	C	30	F	4500	4500	Right
LG7702	40 A	C	30	F	4500	4500	Right



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references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn (A)	I <sub>dm</sub> (A)	Neutral
LG4512	0,5 A	C	30	F*	10 000	4500	Right
LG4513	1 A	C	30	F*	10 000	4500	Right
LG4514	2 A	C	30	F*	10 000	4500	Right
LG4515	3 A	C	30	F*	10 000	4500	Right
LG4516	4 A	C	30	F*	10 000	4500	Right
4113 09	6 A	C	30	F*	10 000	4500	Right
4113 10	10 A	C	30	F*	10 000	4500	Right
4113 11	13 A	C	30	F*	10 000	4500	Right
4113 12	16 A	C	30	F*	10 000	4500	Right
4113 13	20 A	C	30	F*	10 000	4500	Right
4113 14	25 A	C	30	F*	10 000	4500	Right
4113 15	32 A	C	30	F*	10 000	4500	Right
4113 16	40 A	C	30	F*	10 000	4500	Right

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references	In (A)	Instantaneous tripping current	IΔn (mA)	Type	Icn (A)	I <sub>dm</sub> (A)	Neutral
LG4528	0,5 A	B	30	F*	10 000	4500	Right
LG4529	1 A	B	30	F*	10 000	4500	Right
LG4530	2 A	B	30	F*	10 000	4500	Right
LG4531	3 A	B	30	F*	10 000	4500	Right
LG4532	4 A	B	30	F*	10 000	4500	Right
4113 01	6 A	B	30	F*	10 000	4500	Right
4113 02	10 A	B	30	F*	10 000	4500	Right
4113 03	13 A	B	30	F*	10 000	4500	Right
4113 04	16 A	B	30	F*	10 000	4500	Right
4113 05	20 A	B	30	F*	10 000	4500	Right
4113 06	25 A	B	30	F*	10 000	4500	Right
4113 07	32 A	B	30	F*	10 000	4500	Right
4113 08	40 A	B	30	F*	10 000	4500	Right

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Independent of line voltage :	yes
Rated voltage $U_e$ : (V~)	230
Rated current $I_n$ : (A)	See above table
Rated frequency : (Hz)	50
Rated residual operating current $I_{\Delta n}$ : (A)	See above table
Type :	F
Temporisation :	without
Nature of supply :	~
Total number of poles :	2 (1P+N neutral on right)
Number of protected poles :	1
Rated insulation voltage $U_i$ : (V)	250
Rated impulse withstand voltage $U_{imp}$ : (V)	4000
Instantaneous tripping current :	See above table
Utilisation range temperature : ( $^{\circ}$ C)	-25 $^{\circ}$ C à/to +40 $^{\circ}$ C
Rated short-circuit capacity $I_{cn}$ : (A)	See above table
Rated residual making and breaking capacity $I_{\Delta m}$ : (A)	4500A
Energy limiting class ( $I^2t$ ) :	3 (according to EN 61009-1)
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



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