



Ref. Certif. No.

FR\_717401

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 DX<sup>3</sup> Germanique  
References see Annex

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

Supersedes CBTC FR\_700917 dated 2017/06/15 Update of the standard EN 61009-1 on the Test Report

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

127052-654642, 127052-654642/1 to 127052-654642/63,  
148141-701879 A, 148141-701879 A1 to 148141-701879 A11,  
18883186-789470

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
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## ANNEX

## REFERENCES, MAIN CHARACTERISTICS

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1728	0.5	C	30	AC	Right	6000
LG1729	1	C	30	AC	Right	6000
4110 07	2	C	30	AC	Right	6000
4110 08	3	C	30	AC	Right	6000
4110 09	4	C	30	AC	Right	6000
4110 10	6	C	30	AC	Right	6000
4110 11	10	C	30	AC	Right	6000
4110 12	13	C	30	AC	Right	6000
4110 13	16	C	30	AC	Right	6000
4110 14	20	C	30	AC	Right	6000
4110 15	25	C	30	AC	Right	6000
4110 16	32	C	30	AC	Right	6000
4110 17	40	C	30	AC	Right	6000

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1730	0.5	C	300	AC	Right	6000
LG1731	1	C	300	AC	Right	6000
LG1732	2	C	300	AC	Right	6000
LG1733	3	C	300	AC	Right	6000
LG1734	4	C	300	AC	Right	6000
LG1735	6	C	300	AC	Right	6000
4110 33	10	C	300	AC	Right	6000
LG1736	13	C	300	AC	Right	6000
4110 35	16	C	300	AC	Right	6000
LG1737	20	C	300	AC	Right	6000
LG1738	25	C	300	AC	Right	6000
LG1739	32	C	300	AC	Right	6000
LG1740	40	C	300	AC	Right	6000



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References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1727	2	C	10	AC	Right	6000
LG4400	3	C	10	AC	Right	6000
LG4401	4	C	10	AC	Right	6000
LG4402	6	C	10	AC	Right	6000
LG4403	10	C	10	AC	Right	6000
LG4404	13	C	10	AC	Right	6000
4109 95	16	C	10	AC	Right	6000

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1748	0.5	C	30	A	Right	6000
LG1749	1	C	30	A	Right	6000
LG1750	2	C	30	A	Right	6000
LG1751	3	C	30	A	Right	6000
LG1752	4	C	30	A	Right	6000
4110 58	6	C	30	A	Right	6000
4110 59	10	C	30	A	Right	6000
4110 60	13	C	30	A	Right	6000
4110 61	16	C	30	A	Right	6000
4110 62	20	C	30	A	Right	6000
4110 63	25	C	30	A	Right	6000
4110 64	32	C	30	A	Right	6000
4110 65	40	C	30	A	Right	6000



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References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1753	0.5	C	300	A	Right	6000
LG4410	1	C	300	A	Right	6000
LG4411	2	C	300	A	Right	6000
LG4412	3	C	300	A	Right	6000
LG4413	4	C	300	A	Right	6000
LG4414	6	C	300	A	Right	6000
4110 81	10	C	300	A	Right	6000
LG4415	13	C	300	A	Right	6000
4110 83	16	C	300	A	Right	6000
4110 84	20	C	300	A	Right	6000
LG4416	25	C	300	A	Right	6000
LG4417	32	C	300	A	Right	6000
LG1754	40	C	300	A	Right	6000

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1747	2	C	10	A	Right	6000
LG4405	3	C	10	A	Right	6000
LG4406	4	C	10	A	Right	6000
LG4407	6	C	10	A	Right	6000
LG4408	10	C	10	A	Right	6000
LG4409	13	C	10	A	Right	6000
4110 43	16	C	10	A	Right	6000



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References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1701	0.5	B	30	AC	Right	6000
LG4434	1	B	30	AC	Right	6000
LG1702	2	B	30	AC	Right	6000
LG1703	3	B	30	AC	Right	6000
LG1704	4	B	30	AC	Right	6000
4109 18	6	B	30	AC	Right	6000
4109 19	10	B	30	AC	Right	6000
4109 20	13	B	30	AC	Right	6000
4109 21	16	B	30	AC	Right	6000
4109 22	20	B	30	AC	Right	6000
4109 23	25	B	30	AC	Right	6000
4109 24	32	B	30	AC	Right	6000
4109 25	40	B	30	AC	Right	6000

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1705	0.5	B	300	AC	Right	6000
LG4435	1	B	300	AC	Right	6000
LG1706	2	B	300	AC	Right	6000
LG1707	3	B	300	AC	Right	6000
LG1708	4	B	300	AC	Right	6000
LG1709	6	B	300	AC	Right	6000
LG1710	10	B	300	AC	Right	6000
LG1711	13	B	300	AC	Right	6000
LG1712	16	B	300	AC	Right	6000
LG1713	20	B	300	AC	Right	6000
LG1714	25	B	300	AC	Right	6000
LG1715	32	B	300	AC	Right	6000
LG1716	40	B	300	AC	Right	6000



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References	Rated current In (A)	Instantaneous tripping current	Rated residual operating current I <sub>Δn</sub> (mA)	Type	Neutral	Rated short-circuit capacity I <sub>cn</sub> (A)
LG1700	2	B	10	AC	Right	6000
LG4429	3	B	10	AC	Right	6000
LG4430	4	B	10	AC	Right	6000
LG4431	6	B	10	AC	Right	6000
LG4432	10	B	10	AC	Right	6000
LG4433	13	B	10	AC	Right	6000
4109 07	16	B	10	AC	Right	6000

References	Rated current In (A)	Instantaneous tripping current	Rated residual operating current I <sub>Δn</sub> (mA)	Type	Neutral	Rated short-circuit capacity I <sub>cn</sub> (A)
LG1718	0.5	B	30	A	Right	6000
LG4441	1	B	30	A	Right	6000
LG1719	2	B	30	A	Right	6000
LG1720	3	B	30	A	Right	6000
LG1721	4	B	30	A	Right	6000
4109 62	6	B	30	A	Right	6000
4109 63	10	B	30	A	Right	6000
4109 64	13	B	30	A	Right	6000
4109 65	16	B	30	A	Right	6000
4109 66	20	B	30	A	Right	6000
4109 67	25	B	30	A	Right	6000
4109 68	32	B	30	A	Right	6000
4109 69	40	B	30	A	Right	6000



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References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1722	0.5	B	300	A	Right	6000
LG4442	1	B	300	A	Right	6000
LG4443	2	B	300	A	Right	6000
LG4444	3	B	300	A	Right	6000
LG4445	4	B	300	A	Right	6000
LG4446	6	B	300	A	Right	6000
LG1723	10	B	300	A	Right	6000
LG4447	13	B	300	A	Right	6000
LG1724	16	B	300	A	Right	6000
LG1725	20	B	300	A	Right	6000
LG4448	25	B	300	A	Right	6000
LG4449	32	B	300	A	Right	6000
LG1726	40	B	300	A	Right	6000

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG1717	2	B	10	A	Right	6000
LG4436	3	B	10	A	Right	6000
LG4437	4	B	10	A	Right	6000
LG4438	6	B	10	A	Right	6000
LG4439	10	B	10	A	Right	6000
LG4440	13	B	10	A	Right	6000
4109 47	16	B	10	A	Right	6000



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References	Rated current I <sub>n</sub> (A)	Instantaneous tripping current	Rated residual operating current I $\Delta$ n (mA)	Type	Neutral	Rated short-circuit capacity I <sub>cn</sub> (A)
LG7062	0.5	C	30	A*	Right	6000
LG7063	1	C	30	A*	Right	6000
LG7064	2	C	30	A*	Right	6000
LG7065	3	C	30	A*	Right	6000
LG7066	4	C	30	A*	Right	6000
LG7067	6	C	30	A*	Right	6000
LG7068	10	C	30	A*	Right	6000
LG7069	13	C	30	A*	Right	6000
LG7070	16	C	30	A*	Right	6000
LG7071	20	C	30	A*	Right	6000
LG7072	25	C	30	A*	Right	6000
LG7073	32	C	30	A*	Right	6000
LG7074	40	C	30	A*	Right	6000

\*for Austria market

References	Rated current I <sub>n</sub> (A)	Instantaneous tripping current	Rated residual operating current I $\Delta$ n (mA)	Type	Neutral	Rated short-circuit capacity I <sub>cn</sub> (A)
LG7075	0.5	B	30	A*	Right	6000
LG7076	1	B	30	A*	Right	6000
LG7077	2	B	30	A*	Right	6000
LG7078	3	B	30	A*	Right	6000
LG7079	4	B	30	A*	Right	6000
LG7080	6	B	30	A*	Right	6000
LG7081	10	B	30	A*	Right	6000
LG7082	13	B	30	A*	Right	6000
LG7083	16	B	30	A*	Right	6000
LG7084	20	B	30	A*	Right	6000
LG7085	25	B	30	A*	Right	6000
LG7086	32	B	30	A*	Right	6000
LG7087	40	B	30	A*	Right	6000

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References	Rated current In (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4501	0.5	C	30	AC	Right	10000
LG4502	1	C	30	AC	Right	10000
LG4503	2	C	30	AC	Right	10000
LG4504	3	C	30	AC	Right	10000
LG4505	4	C	30	AC	Right	10000
4109 77	6	C	30	AC	Right	10000
4109 78	10	C	30	AC	Right	10000
LG4506	13	C	30	AC	Right	10000
4109 79	16	C	30	AC	Right	10000
4109 80	20	C	30	AC	Right	10000
4109 81	25	C	30	AC	Right	10000
4109 82	32	C	30	AC	Right	10000
4109 83	40	C	30	AC	Right	10000

References	Rated current In (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4507	0.5	C	30	A	Right	10000
LG4508	1	C	30	A	Right	10000
LG4509	2	C	30	A	Right	10000
LG4510	3	C	30	A	Right	10000
LG4511	4	C	30	A	Right	10000
4112 93	6	C	30	A	Right	10000
4112 94	10	C	30	A	Right	10000
4112 95	13	C	30	A	Right	10000
4112 96	16	C	30	A	Right	10000
4112 97	20	C	30	A	Right	10000
4112 98	25	C	30	A	Right	10000
4112 99	32	C	30	A	Right	10000
4113 00	40	C	30	A	Right	10000



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References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4517	0.5	B	30	AC	Right	10000
LG4518	1	B	30	AC	Right	10000
LG4519	2	B	30	AC	Right	10000
LG4520	3	B	30	AC	Right	10000
LG4521	4	B	30	AC	Right	10000
4109 70	6	B	30	AC	Right	10000
4109 71	10	B	30	AC	Right	10000
LG4522	13	B	30	AC	Right	10000
4109 72	16	B	30	AC	Right	10000
4109 73	20	B	30	AC	Right	10000
4109 74	25	B	30	AC	Right	10000
4109 75	32	B	30	AC	Right	10000
4109 76	40	B	30	AC	Right	10000

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4523	0.5	B	30	A	Right	10000
LG4524	1	B	30	A	Right	10000
LG4525	2	B	30	A	Right	10000
LG4526	3	B	30	A	Right	10000
LG4527	4	B	30	A	Right	10000
4112 85	6	B	30	A	Right	10000
4112 86	10	B	30	A	Right	10000
4112 87	13	B	30	A	Right	10000
4112 88	16	B	30	A	Right	10000
4112 89	20	B	30	A	Right	10000
4112 90	25	B	30	A	Right	10000
4112 91	32	B	30	A	Right	10000
4112 92	40	B	30	A	Right	10000



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References	Rated current I <sub>n</sub> (A)	Instantaneous tripping current	Rated residual operating current I $\Delta$ n (mA)	Type	Neutral	Rated short-circuit capacity I <sub>cn</sub> (A)
LG7088	0.5	C	30	A*	Right	10000
LG7089	1	C	30	A*	Right	10000
LG7090	2	C	30	A*	Right	10000
LG7091	3	C	30	A*	Right	10000
LG7092	4	C	30	A*	Right	10000
LG7093	6	C	30	A*	Right	10000
LG7094	10	C	30	A*	Right	10000
LG7095	13	C	30	A*	Right	10000
LG7096	16	C	30	A*	Right	10000
LG7097	20	C	30	A*	Right	10000
LG7098	25	C	30	A*	Right	10000
LG7099	32	C	30	A*	Right	10000
LG7100	40	C	30	A*	Right	10000

\*for Austria market

References	Rated current I <sub>n</sub> (A)	Instantaneous tripping current	Rated residual operating current I $\Delta$ n (mA)	Type	Neutral	Rated short-circuit capacity I <sub>cn</sub> (A)
LG7101	0.5	B	30	A*	Right	10000
LG7102	1	B	30	A*	Right	10000
LG7103	2	B	30	A*	Right	10000
LG7104	3	B	30	A*	Right	10000
LG7105	4	B	30	A*	Right	10000
LG7106	6	B	30	A*	Right	10000
LG7107	10	B	30	A*	Right	10000
LG7108	13	B	30	A*	Right	10000
LG7109	16	B	30	A*	Right	10000
LG7110	20	B	30	A*	Right	10000
LG7111	25	B	30	A*	Right	10000
LG7112	32	B	30	A*	Right	10000
LG7113	40	B	30	A*	Right	10000

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References	Rated current In (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4468	0.5	C	30	AC	Right	4500
LG4469	1	C	30	AC	Right	4500
LG4470	2	C	30	AC	Right	4500
LG4471	3	C	30	AC	Right	4500
LG4472	4	C	30	AC	Right	4500
LG4473	6	C	30	AC	Right	4500
LG4474	10	C	30	AC	Right	4500
LG4475	13	C	30	AC	Right	4500
LG4476	16	C	30	AC	Right	4500
LG4477	20	C	30	AC	Right	4500
LG4478	25	C	30	AC	Right	4500
LG4479	32	C	30	AC	Right	4500
LG4480	40	C	30	AC	Right	4500

References	Rated current In (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4488	0.5	C	30	A	Right	4500
LG4489	1	C	30	A	Right	4500
LG4490	2	C	30	A	Right	4500
LG4491	3	C	30	A	Right	4500
LG4492	4	C	30	A	Right	4500
LG4493	6	C	30	A	Right	4500
LG4494	10	C	30	A	Right	4500
LG4495	13	C	30	A	Right	4500
LG4496	16	C	30	A	Right	4500
LG4497	20	C	30	A	Right	4500
LG4498	25	C	30	A	Right	4500
LG4499	32	C	30	A	Right	4500
LG4500	40	C	30	A	Right	4500



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References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4461	2	C	10	AC	Right	4500
LG4462	3	C	10	AC	Right	4500
LG4463	4	C	10	AC	Right	4500
LG4464	6	C	10	AC	Right	4500
LG4465	10	C	10	AC	Right	4500
LG4466	13	C	10	AC	Right	4500
LG4467	16	C	10	AC	Right	4500

References	Rated current $I_n$ (A)	Instantaneous tripping current	Rated residual operating current $I_{\Delta n}$ (mA)	Type	Neutral	Rated short-circuit capacity $I_{cn}$ (A)
LG4481	2	C	10	A	Right	4500
LG4482	3	C	10	A	Right	4500
LG4483	4	C	10	A	Right	4500
LG4484	6	C	10	A	Right	4500
LG4485	10	C	10	A	Right	4500
LG4486	13	C	10	A	Right	4500
LG4487	16	C	10	A	Right	4500



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## ANNEX

Independent of line voltage :	yes
Rated voltage $U_e$ : (V~)	230 V~
Rated current $I_n$ : (A)	See above table
Rated frequency : (Hz)	50
Rated residual operating current $I_{\Delta n}$ : (A)	See above table
Type :	See above table
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 : (°C)	-25°C à/to +40°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 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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Date: 31/08/2023

Signature: **Gilles LEMONNIER**  
 Certification Officer

