



Ref. Certif. No.

FR 605284C/M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE / CERTIFICAT D'ESSAI OC**Product
Produit

Electromechanical contactor

Name and address of the applicant
Nom et adresse du demandeur**LEGRAND FRANCE**
Zone Industrielle les 3 moulins, 159 rue Jean Joannon CS 80729 -
06605 ANTIBES CEDEX - FranceName and address of the manufacturer
Nom et adresse du fabricant**LEGRAND FRANCE**
Zone Industrielle les 3 moulins 159 rue Jean Joannon CS 80729 -
06605 ANTIBES CEDEX - France
See annex 1Name and address of the factory
Nom et adresse de l'usineNote : When more than one factory, please report on page 2
Note : Lorsqu'il y a plus d'une usine, veuillez utiliser la 2ème pageRatings and principal characteristics
Valeurs nominales et caractéristiques principales16A or 25A, 250V~ / 400V~ or 400V~
see annex 2Trademark (if any)
Marque de fabrique (si elle existe)

LEGRAND

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

CTF Stage 2

Model / Type Ref.
Ref. De typeSeries CX³
References: see annex 2Additional information (if necessary may also be
reported on page 2)
Informations complémentaires (si nécessaire, peuvent
être indiquées sur la 2ème page)Supersedes CBTC n° 605284C dated 23/02/2011: Change of the
maximal value of the conductor's cross-sectionA sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

PUBLICATION	EDITION
IEC 61095:2009(ed.2)	

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat103400-605284A, 103400-605284A/1 à/to 103400-605284A/4,
133476-668050B, 133476-668050B/1This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification**Laboratoire Central des Industries Électriques**33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr

Date:

2015-11-12

Signature:

Jean-François BRUEL
Certification Officer

Annex 1 : List of Manufacturers and Factories

Electromechanical contactor

Factory	Manufacturer
LEGRAND FRANCE Zone Industrielle les 3 moulins, 159, rue Jean Joannon, CS 80729 - 06605 ANTIBES CEDEX - France	LEGRAND FRANCE Zone Industrielle les 3 moulins 159 rue Jean Joannon CS 80729 - 06605 ANTIBES CEDEX - France
LEGRAND FRANCE 290 avenue de Colmar CS 30101 - 67024 STRASBOURG CEDEX 1 - France	LEGRAND FRANCE Zone Industrielle les 3 moulins 159 rue Jean Joannon CS 80729 - 06605 ANTIBES CEDEX - France
LEGRAND ELEKTRIK SANAYI A.S Gosb Gebze Organize Sanayi Bölgesi - Ihsan Dede Cad. No. 112 - 41480 GEBZE - KOCAELI - Turkey	LEGRAND FRANCE Zone Industrielle les 3 moulins 159 rue Jean Joannon CS 80729 - 06605 ANTIBES CEDEX - France

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



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CHARACTERISTICS OF APPLIANCE

Main circuit	
Number of poles :	3F, 4F, 2O+2F, 3F+O, 4O
Method of control:	non automatic
Rated operational voltage U_e : (V)	250
Rated insulation voltage U_i : (V)	440
Conventional free air thermal current I_{th} : (A)	16A, 25A
Rated operational current I_e : (A)	16A, 25A / AC-7a 10A / AC-7b
Rated frequency : (Hz)	50/60Hz
Rated duties	continuous
Utilization category	AC7a / AC7b
Rated conditional short-circuit current I_q : (A)	6000A
Details of short-circuit protective devices	Circuit-breaker: C16, 3P, 3P+N, 4P for 16A Circuit-breaker: C25, 3P, 3P+N, 4P for 25A
Control circuits	
Nature of supply	~
Rated frequency : (Hz)	50/60Hz
Rated control circuit voltage U_c : (V)	24V or 230V
Suitability to be connected to SELV circuits	yes
Class of insulating material for insulated coils	F
Installation	
Enclosure	integral enclosure
Protection degree :	IP20
Pollution degree	2
Material group (IRC / CTI)	II
Operating means	
With - Without	with or without
Type	actuator

Connection for external conductors	
Type of terminals :	screw type
Nominal diameter of thread : (mm)	
Main circuit	3,5 mm
Control circuit	3,5 mm
Tightening torque (N.m)	
Main circuit	0,8 N.m
Control circuit	0,8 N.m
Connecting capacity	
Main circuit	Min. cross-section - number of conductors 0,75 mm ² / 1 Max. cross-section - number of conductors 4 mm ² / 1
Control circuit	Min. cross-section - number of conductors 0,75 mm ² / 1 Max. cross-section - number of conductors 4 mm ² / 1

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



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Annex 2

REFERENCES AND PRINCIPAL CHARACTERISTICS

Standard products

Reference	In (A)	Rated operational voltage (V)		Number of poles	
		Control circuit	Main circuit		
LG868	16	24	250 / 400	4F	With actuator
LG870	16	24	250 / 400	2F + 2O	
LG869	16	230	250 / 400	4F	
LG871	16	230	250 / 400	2F + 2O	
04124, 412517 (*)	25	24	250 / 400	4F	
04148, 412551 (*)	25	230	250 / 400	4F	

Reference	In (A)	Rated operational voltage (V)		Number of poles	
		Control circuit	Main circuit		
LG867	25	230	400	3F	Without actuator
04117, 412510 (*)	25	24	250 / 400	4F	
04118, 412509 (*)	25	24	250 / 400	2O + 2F	
04131**, 412535 (*)	25	230	250 / 400	4F	
04159**	25	230	250 / 400	4F	
04133, 412533 (*)	25	230	250 / 400	2O + 2F	
04134, 412534 (*)	25	230	250 / 400	3F + 1O	
04132, 412536 (*)	25	230	250 / 400	4O	

Silent contactors

Reference	In (A)	Rated operational voltage (V)		Number of poles	
		Control circuit	Main circuit		
04150, 412561 (*)	25	230	250 / 400	4F	With actuator
04157, 412502 (*)	25	230	400	3F	

(*), **: Same models but with different markings

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