



Accréditation
N°5-0014
Portée
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www.cofrac.fr



Ref. Certif. No.

FR 605284C

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

SYSTEME 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
Parc International de Sophia-Antipolis Quartier les 3 moulins 159, rue Jean
Joannon B.P. 729 - 06633 ANTIBES CEDEX - France

Name and address of the manufacturer
Nom et adresse du fabricant

LEGRAND FRANCE
Parc International de Sophia-Antipolis Quartier les 3 moulins 159, rue Jean
Joannon B.P. 729 - 06633 ANTIBES CEDEX - France

Name and address of the factory
Nom et adresse de l'usine

See annex 1

Note : When more than one factory, please report on page 2
Note : Lorsqu'il y a plus d'une usine, veuillez utiliser la 2ème page

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

**16A or 25A, 250V~ / 400V~ or 400V~
see annex 2**

Trademark (if any)
Marque de fabrique (si elle existe)

LEGRAND

Model / Type Ref.
Ref. De type

**Series CX²
References see annex 2**

Additional information (if necessary may also be
reported on page 2)
Informations complémentaires (si nécessaire, peuvent
être indiquées sur la 2ème page)

WMT procedure

PUBLICATION

EDITION

A 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

IEC 61095:2009 (Edition 2.0)

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 Certificat

103400-605284A, 103400-605284A/1 to 103400-605284A/4

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



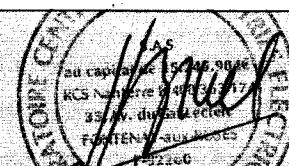
Laboratoire Central des Industries Electriques
33, av du Général Leclerc - BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr

Date:

2011-02-23

Signature:

Jean-François BRUEL
Certification Officer



Annex 1 : List of Manufacturers and Factories

Electromechanical contactor

Factory	Manufacturer
LEGRAND FRANCE Parc International de Sophia-Antipolis Quartier les 3 moulins 159, rue Jean Joannon B.P. 729 - 06633 ANTIBES CEDEX - FRANCE	LEGRAND FRANCE Parc International de Sophia-Antipolis Quartier les 3 moulins 159, rue Jean Joannon B.P. 729 - 06633 ANTIBES CEDEX - FRANCE
LEGRAND FRANCE 290 avenue de Colmar B.P. 101 - 67024 STRASBOURG CEDEX 1 - FRANCE	LEGRAND FRANCE Parc International de Sophia-Antipolis Quartier les 3 moulins 159, rue Jean Joannon B.P. 729 - 06633 ANTIBES CEDEX - FRANCE
LEGRAND ELEKTRIK SANAYI A.S Gösb Gebze Organize Sanayi Bölgesi - İhsan Dede Cad. No. 112 - 41480 GEBZE - KOCAELI - TURKEY	LEGRAND FRANCE Parc International de Sophia-Antipolis Quartier les 3 moulins 159, rue Jean Joannon B.P. 729 - 06633 ANTIBES CEDEX - FRANCE

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



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Annex 2

REFERENCES AND CHARACTERISTICS

Main contactors

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

Reference	In (A)	Rated operational voltage (V)		Number of poles	With actuator
		Control circuit	Main circuit		
LG867	25	230	400	3F	X
04117 412510*	25	24	250 / 400	4F	X
04118 412509*	25	24	250 / 400	2O + 2F	X
04131 412535* 04159*	25	230	250 / 400	4F	X
04133 412533*	25	230	250 / 400	2O + 2F	X
04134 412534*	25	230	250 / 400	3F + 1O	X
04132 412536*	25	230	250 / 400	4O	X

* References are the same but the marking is different

Bient contactors

Reference	In (A)	Rated operational voltage (V)		Number of poles	With actuator
		Control circuit	Main circuit		
04150 412501*	25	230	250 / 400	4F	With
04157 412502*	25	230	400	3F	With

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Technical Characteristics		
Main circuit		
Number of poles :	3F, 4F, 20+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 (Nm)		
Main circuit	0,8 Nm	
Control circuit	0,8 Nm	
Connecting capacity		
Main circuit	Section min - nb of conductors	0,75 mm ² / 1
	Section max - nb of conductors	6 mm ² / 1
Control circuit	Section min - nb of conductors	0,75 mm ² / 1
	Section max - nb of conductors	6 mm ² / 1

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



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