



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



Ref. Certif. No.

FR 630164B/A1

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

Electronic switches

Name and address of the applicant  
Nom et adresse du demandeur

**LEGRAND FRANCE**

128, avenue du Maréchal de Lattre de Tassigny, B.P. 523 - 87045 LIMOGES  
CEDEX - France

Name and address of the manufacturer  
Nom et adresse du fabricant

**LEGRAND FRANCE**

128, avenue du Maréchal de Lattre de Tassigny B.P. 523 - 87045 LIMOGES  
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

see annex 2

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



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

/

Model / Type Ref.  
Ref. De type

series MOSAIC  
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)

Supersedes CBTC N°FR 630164B dated 2012-11-15:  
updating test reports and list of product references

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

**PUBLICATION**                      **EDITION**  
IEC 60669-1:1998 +A1:1999 +A2:2006 (third edition)  
IEC 60669-2-1:2002 +A1:2008 (fourth ed)

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

see table in annex 2

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 Électriques**

33, av du Général Leclerc – BP 8  
FR 92266 Fontenay-aux-Roses cedex  
www.lcie.fr



Date: 2014-01-02

Signature: Didier BOURGES  
Certification Officer



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## Annex 1 : List of Manufacturers and Factories

### Electronic switches

Factory	Manufacturer
<b>LEGRAND FRANCE</b> 128, avenue du Maréchal de Lattre de Tassigny B.P. 523 - 87045 LIMOGES CEDEX - France	<b>LEGRAND FRANCE</b> 128, avenue du Maréchal de Lattre de Tassigny B.P. 523 - 87045 LIMOGES CEDEX - France
<b>DONGGUAN ROCOM ELECTRIC COMPANY LIMITED</b> No. 5, Hong'An Road, Wu Sha District, Chang'an Town, Dongguan City, 523857 GUANGDONG PROVINCE, China	<b>LEGRAND FRANCE</b> 128, avenue du Maréchal de Lattre de Tassigny B.P. 523 - 87045 LIMOGES CEDEX - France
<b>LACROIX ELECTRONICS</b> ZI Zriba Hammam - 1152 ZAGHOUAN - Tunisia	<b>LEGRAND FRANCE</b> 128, avenue du Maréchal de Lattre de Tassigny B.P. 523 - 87045 LIMOGES CEDEX - France

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



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## Annex 2

## RELEVANT DOCUMENTS AND REFERENCES OF MOSAIC SERIES

Relevant documents Test report n°	Type reference*	References		
		White	Aluminium	
73501-564212, 109678-620168-X-Cr2013-10-29	V004	78405	-	-
73501-564214, 73501-564212, 109678-620168-Y-Cr2013-10-29	V005	78401	-	79204
73501-564215, 109678-620168-Z-Cr2013-10-29	V006	78402	-	79206
73501-564212, 73501-564219, 99191-597134, 109678-620168-AB-Cr2013-10-29	V008	78404	-	-
73501-564223, 73501-564228 73501-564239, 109678-620168-C-Cr2013-10-29	AS003	78456	-	79256
73501-564223, 73501-564239, 73501-564252, 109678-620168-D-Cr2013-10-29	AS004	78451	-	79251
88146-579468, 109678-620168-G-Cr2013-10-29	CBM01	78430	-	-
88146-579943, 73501-564228, 109678-620168-V-Cr2013-10-29	CXG01	78511	-	-
88146-579942, 73501-564228, 109678-620168-U-Cr2013-10-29	CXF05	76666	-	-
115388-629880-Cr2013-10-22	CXM14	78407	48870**	79207

\* The type reference is the reference of electronic modul

\*\* Base white+ Frame 80251 + Cover plate 78802

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

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## RATING AND PRINCIPAL CHARACTERISTICS

<b>Type of electronic switch :</b>	
<u>Light dimmer:</u> Ref. 78401, 78402, 78404, 78405, 78430, 79204, 79206, 78407, 48870, 79207: Electronically operated regulator with an electronic control circuit	
Electronic switches incorporating heat or light sensors : Ref. 78456, 78511, 79256: Electronically operated semiconductor switching device	
Ref. 78451, 79251 : Electronically operated mechanical switching device	
<u>Sensitive electronic switches</u> 76666 : Electronically operated semiconductor switching device	
Pattern number :	1
Contact opening (gap) :	- micro-gap : ref. 78451, 78511, 79251 - without contact gap (semiconductor switching device) : ref. 78401, 78402, 78404, 78405, 78430, 78456, 79204, 79206, 79256, 78407, 48870, 79207
Protection degree:	IP20
Method of actuating :	- rocker : ref. 78401, 78404, 78405, 79204, 78407, 48870, 79207 - push-button :ref. 78402, 78430, 79206 - proximity ref. 78451, 78456, 78511, 79251, 79256 - sensitive : ref 76666
Method of mounting :	flush-type
Method of installation :	design A -
Type of terminals :	screw-type

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



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**Rated current (A) – Rated load (VA or W) :**

78405:

600W incandescent lamps

600W halogen lamps

600VA ferromagnetic transformers for ELV halogen lamps

78401, 78456, 79204, 79256:

400W incandescent lamps

400W halogen lamps

400VA ferromagnetic transformers for ELV halogen lamps

78402, 79206 : 4,5A

1000W incandescent lamps

1000W halogen lamps

1000VA ferromagnetic transformers for ELV halogen lamps

78404 :

600VA ballast 0-10V for fluorescent lamps

600VA ballast 0-10V for fluorescent compact lamps

78430

3x1000W incandescent lamps

3x1000W halogen lamps

3x1000VA ferromagnetic transformers for ELV halogen lamps

78451, 79251:

1000W incandescent lamps

1000W halogen lamps

500VA ferromagnetic transformers for ELV halogen lamps

500VA fluorescent compact lamps

100VA motor

500VA fluorescent tubes

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



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**Rated current (A) – Rated load (VA or W) :**

**76866**  
1000W incandescent lamps  
1000W halogen lamps  
500VA ferromagnetic transformers for ELV halogen lamps  
500VA fluorescent compact lamps  
100VA motor  
500VA fluorescent tubes  
1000W resistor  
**78511**  
1,3W integrated LED  
**78407, 48870, 79207 :**  
400W incandescent lamps  
400W halogen lamps  
400VA ferromagnetic transformers for ELV halogen lamps  
200VA electronic transformer for ELV halogen lamps  
150W fluorescent compact lamps  
150W LED  
200VA fluorescent tubes

Minimum current (A) – Minimum load (VA or W) :	78401, 78402, 78405, 79204, 79206: 40W 78407, 48870, 79207 : 3W
Rated voltage (V) :	100 V / 240 V
Rated frequency (Hz) :	50/60Hz

**ACCESSORIES :**

Cover plates References		Frames References	
White	Aluminium		
78802	79002	80251	1 gang
78825	79025	80252	4/5 modules
78839	-	-	3x1000W

Additional Information (if necessary)  
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