



Ref. Certif. No.

FR\_713380

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

CB TEST CERTIFICATE

Product

Switch  
Electronic switches

Name and address of the applicant

**Legrand Intelligent Electrical (Huizhou) Co., Ltd.**  
Bldg. B1-B3, East No. 39 Hechang 6th Rd., HZZK Hi-tech  
Industrial Development Zone  
516001 Huizhou, Guangdong - CHINA

Name and address of the manufacturer

**Legrand Intelligent Electrical (Huizhou) Co., Ltd.**  
Bldg. B1-B3, East No. 39 Hechang 6th Rd., HZZK Hi-tech  
Industrial Development Zone  
516001 Huizhou, Guangdong - CHINA

Name and address of the factory

**Legrand Intelligent Electrical (Huizhou) Co., Ltd.**  
Bldg. B1-B3, East No. 39 Hechang 6th Rd., HZZK Hi-tech  
Industrial Development Zone  
516001 Huizhou, Guangdong - CHINA

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

/

Model / Type Ref.

See Annex

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

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60669-1:2017  
IEC 60669-2-1:2002+A1:2008+A2:2015

As shown in the Test Report Ref. No. which forms part of this Certificate

ARLI-ESH-P21062848

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  
[www.lcie.fr](http://www.lcie.fr)



LABORATOIRE CENTRAL DES  
INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 408 363 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES

*Julien Gauthier*  
Signature: Julien Gauthier  
Certification Officer

Date: 04/03/2022

**ANNEX**
**References, ratings and main characteristics:**

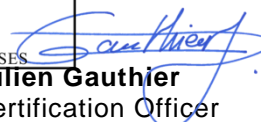
Type reference	Description	Color of enclosure	Factory code
281045MW	1G DND/MUR/BELL PUSH BUTTON	MATT WHITE	CXX05
281045MB	1G DND/MUR/BELL PUSH BUTTON	MATT BLACK	
281045DS	1G DND/MUR/BELL PUSH BUTTON	DARK SILVER	
281045CH	1G DND/MUR/BELL PUSH BUTTON	CHAMPAGNE	
281045DB	1G DND/MUR/BELL PUSH BUTTON	DARK BRONZE	
281045BA	1G DND/MUR/BELL PUSH BUTTON	BRUSHED ALUMINIUM	
281045BB	1G DND/MUR/BELL PUSH BUTTON	BRUSHED BLACK	
281045MG	1G DND/MUR/BELL PUSH BUTTON	MATT GREY	
281045MWSG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	MATT WHITE	
281045MBSG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	MATT BLACK	
281045DSSG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	DARK SILVER	
281045CHSG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	CHAMPAGNE	
281045DBSG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	DARK BRONZE	
281045BASG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	BRUSHED ALUMINIUM	
281045BBSG	1G DND/MUR/BELL PUSH BUTTON + EARTHING TERMINAL	BRUSHED BLACK	



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### ANNEX

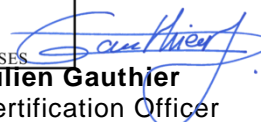
Type of electronic switch	Electronic switches operated by push button
Pattern number	1
Contact opening (gap)	micro-gap
Protection degree	IP20
Method of actuating	push-button – momentary contact – other external influences
Method of mounting	flush-type
Method of installation	design A
Type of terminals	screw-type
Flexible cable outlet	without
Rated current (A) - Rated load (VA or W)	3A (Incandescent lamps), 1A (Door bell)
Minimum current (A) - Minimum load (VA or W)	-
Kind of load controlled	incandescent lamps – declared load
Rated voltage (V)	100-240V~
Rated frequency (Hz)	50/60Hz
Characteristic of fuses	-



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Type of components	Manufacturer	Type/model	Technical data	Compliance to standard	Mark(s) of conformity <sup>(1)</sup>
PCB	Goldenmax International Technology (Zhuhai) Ltd	FR-4.0	V-0, 130°C Thickness: 1,6mm	IEC 60669-2-1:2002+A1:2008+ A2:2015; IEC 60669-1:2017	Test with appliance UL E134893
	Kingboard Laminates Holdings Ltd	KB-6160/FR-4.0	V-0, 130°C Thickness: 1,6mm	IEC 60669-2-1:2002+A1:2008+ A2:2015; IEC 60669-1:2017	Test with appliance UL E123995
Relay(RY1)	Zhejiang Hke Relay Co., Ltd	AC5N-S-DC12V	5A 250V~ Coil: 12VDC	IEC 61810-1:2015; EN 61810-1:2015	VDE 40024200
Winding resistance(R36)	Shenzhen Xianyang Huaxing Machinery-Electronic Co Ltd	KNP/RX21-1W	470Ω, 1W	IEC 60669-2-1:2002+A1:2008+ A2:2015; IEC 60669-1:2017	Test with appliance UL E359244
	Dong Guan Deeho Electronic Co Ltd	KNP1W	470Ω, 1W	IEC 60669-2-1:2002+A1:2008+ A2:2015; IEC 60669-1:2017	Test with appliance UL E501735
Thermal link (PF1)	Zhangzhou Aupo Electronics Co.,Ltd.	A4-5A-F	Tf:130°C 5A 250V~	EN 60691:2016; IEC 60691:2015	VDE 40001155
	Shanghai Sup Electronic Technology Co.,Ltd	D5	Tf:130°C 5A 250V~	EN 60691:2016	TUV R 50442308
Terminal block	MEIGAN	MG129-5.08	0,5-1,0mm <sup>2</sup> 240V~	IEC 60669-2-1:2002+A1:2008+ A2:2015; IEC 60669-1:2017	Test with appliance



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