

CERTIFICATE

Issued to:
Applicant:
GACIA Electrical Appliance Co., Ltd.
545# Dongdajie, Baitawang Industrial Zone,
Beibaixiang, Yueqing, Zhejiang, 325603, China

Manufacturer/Licensee:
GACIA Electrical Appliance Co., Ltd.
545# Dongdajie, Baitawang Industrial Zone,
Beibaixiang, Yueqing, Zhejiang, 325603, China

Product(s) : RCBO
Trade name(s) : GACIA
Type(s)/model(s) : PL8HM, PL8HE, PL8NM, PL8NE, L80M, L80E, L80M-R

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61009-1:2012+A1:2014+A2:2014, EN61009-2-1:1994+A11:1998; IEC 61009-1:2010+A1:2012+A2:2013, IEC 61009-2-1:1991;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2157361

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

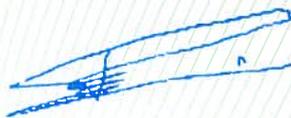
This certificate is issued on: 29 September 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3307822.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: RCBO
trade name(s)	: GACIA
type(s)	: PL8HM, PL8HE, PL8NM, PL8NE, L80M, L80E, L80M-R
number of poles	: 1P+N
rated current (In)	: 6, 10, 16, 20, 25, 32 A
rated residual current (I _{dn})	: 30, 100, 300 mA
rated voltage (U _n)	: 230 Vac
rated frequency (Hz)	: 50 Hz
behaviour to d.c. components	: Type A and AC, Without time delay
rated short-circuit capacity (I _{cn})	: 6 kA
service short-circuit capacity (I _{cs})	: 6 kA
rated residual making and breaking capacity (I _{dm})	: 3 kA
energy limiting class	: 3
safety distance "a" (grid)	: 45 mm
temperature limit	: -25 °C to +40 °C
reference ambient temperature	: 30 °C

TESTS**Test requirements**

EN 61009-1:2012 + A2:2014 + A1:2014

EN 61009-2-1:1994 + A11:1998

IEC 61009-1:2010 + A1:2012 + A2:2013

IEC 61009-2-1:1991

Test result

The test results are laid down in DEKRA test file 3307822.01 and test report 3307822.50.

Conclusion

The examination proved that all test requirements were met.

Tested by : Lester Wang



Checked by : Eric Wang

**Factory locations**

GACIA ELECTRICAL APPLIANCE CO., LTD.

545# Dongdajie, Baitawang Industrial Zone, Beibaixiang, Yueqing, Zhejiang, 325603, China