

CERTIFICATE

Issued to:

Applicant:

GACIA ELECTRICAL APPLIANCE CO., LTD.
No.1 Nanxijiang Road, Daqiao Industrial Zone,
Beibaixiang Town, Yueqing
325603 Zhejiang, China

Licensee:

GACIA ELECTRICAL APPLIANCE CO., LTD.
No.1 Nanxijiang Road, Daqiao Industrial Zone,
Beibaixiang Town, Yueqing
325603 Zhejiang, China

Product : Residual current operated circuit-breakers without integral overcurrent protection (RCCB)
Trade name(s) : GACIA
Type(s)/model(s) : PR8HE, PR8HM, PR8NE, PR8NM, R80E, R80M and R80M-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 61008-1:2012, EN 61008-1:2012/A1:2014, EN 61008-1:2012/A2:2014, EN 61008-1:2012/A11:2015, EN 61008-1:2012/A12:2017, EN 61008-2-1:1994 and EN 61008-2-1:1994/A11:1998
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2157361

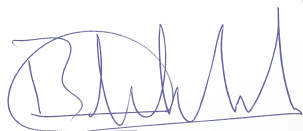
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 26 August 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-115234

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



S. Lehner
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Residual current operated circuit-breakers without integral overcurrent protection (RCCB)
Trade name(s)	: GACIA
Type(s)/model(s)	: PR8HE, PR8HM, PR8NE, PR8NM, R80E, R80M and R80M-R
Number of poles	: 1P+N, 3P+N
Rated current (In)	: 16, 25, 40, 63, 80, 100 A
Rated residual current (I Δ n)	: 100, 300 mA for all In, 30 mA for In: 16, 25, 40, 63 A
Rated voltage (Ue)	: 230 Vac (1P+N) , 400 Vac (3P+N)
Rated frequency	: 50 / 60 Hz
Behaviour to d.c. Components	: Type A and AC
Time delay	: Without time delay
Dependent of the line voltage	: No
Rated conditional short-circuit current (I Δ c)	: 10 kA
Rated conditional residual short-circuit current (I Δ c)	: 10 kA
Rated making and breaking capacity (Im)	: 1 kA
Rated residual making and breaking capacity (I Δ m)	: 1 kA
The grid distance "a"	: 50 mm
Ambient air temperature	: -25 °C to +40 °C
Method of mounting	: Flush-type, for mounting on top hat rail 35 mm (EN 50022)
Degree of protection against moisture	: IP20
Connection	: Pillar terminal for copper conductors
Markings	: Trade name, type designation and electrical ratings are indicated on the body

TESTS**Test requirements**

EN 61008-1:2012
EN 61008-1:2012/A1:2014
EN 61008-1:2012/A2:2014
EN 61008-1:2012/A11:2015
EN 61008-1:2012/A12:2017
EN 61008-2-1:1994
EN 61008-2-1:1994/A11:1998

Test result

The test results are laid down in DEKRA test file 331703600.

Additional information

The referred test reports are 3317036.50, 3305104.50 and 3302524.50.

The product also complies with IEC 61008-1:2010, A1:2012, A2:2013 and IEC 61008-2-1:1990.

This certificate replaces certificate No. 3305104.01 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

GACIA ELECTRICAL APPLIANCE CO., LTD.

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