

CERTIFICATE

Issued to:
Applicant:
GACIA ELECTRICAL APPLIANCE CO., LTD.
No.1 Nanxijang Road, Daqiao Industrial Zone,
Beibaixiang Town, Yueqing
325603 Zhejiang, China

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

Product : Type B RCCB
Trade name(s) : GACIA
Type(s)/model(s) : DR10HM, IDE2, N8LGM and PR8HM

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 62423:2012, 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

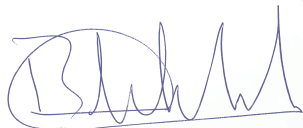
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 17 September 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-109969

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



S. Lehner
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Type B RCCB
Trade name(s)	: GACIA
Type(s)/model(s)	: DR10HM, IDE2, N8LGM and PR8HM
Number of poles	: 1P+N, 3P+N
Rated current (In)	: 25, 32, 40, 63 A
Rated residual current (I _{dn})	: 30, 100, 300 mA
Rated voltage (U _n)	: 230 V for 1P+N, 400 V for 3P+N
Rated frequency (Hz)	: 50 / 60 Hz
Behaviour to d.c. components	: type B (Including type A and AC)
Time delay	: without time delay
Independent of the line voltage	: type A and AC part
Dependent on the line voltage	: type B part
Rated conditional short-circuit current (I _{nc})	: 10 kA
Rated conditional residual short-circuit current (I _{dc})	: 10 kA
Rated making and breaking capacity (I _m)	: 1000 A
Rated residual making and breaking capacity (I _{dm})	: 1000 A
Grid distance "a"	: 50 mm
Ambient air temperature	: -25 °C ... +40 °C
Method of mounting	: Flush-type, for mounting on top hat rail 35 mm (EN 50022)
Degree of protection against moisture	: IP20
Connection	: screw type terminals
Markings	: trade name, type designation and electrical ratings are indicated on the body

TESTS**Test requirements**

EN 62423:2012
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 331619100.

Additional information

The referred test report is 3316191.50.

The product also complies with IEC 62423:2009, IEC 61008-1:2010+A1:2012+A2:2013 and IEC 61008-2-1:1990.

Conclusion

The examination proved that all requirements were met.

Factory location

GACIA ELECTRICAL APPLIANCE CO., LTD.

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