

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 : Circuit-breakers for overcurrent protection
Trade name(s) : GACIA
Type(s)/model(s) : DB10H, M100, M80, M80H, N8BH, PB8H, PB8H2, PB8HN, PB8HQ, PB8LN, PB8N, PB8N2, PB8NN, PB8NQ and VB8H

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 60898-1:2019
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2157361

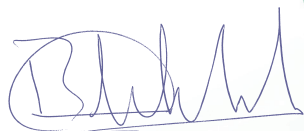
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 6 November 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-116175

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



J. Marggraf
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Circuit-breakers for overcurrent protection
Trade name(s)	: GACIA
Type(s)/model(s)	: DB10H, M100, M80, M80H, N8BH, PB8H, PB8H2, PB8HN, PB8HQ, PB8LN, PB8N, PB8N2, PB8NN, PB8NQ and VB8H
Rated current (In)	: 1, 2, 3, 4, 5, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
Range of instantaneous tripping current	: B, C and D type
Number of poles	: 1P, 2P, 3P, 4P
Protected poles	: All poles are protected
Rated voltage (Ue)	: 230 / 400 Vac for 1P, 400 Vac for 2P, 3P and 4P
Rated frequency	: 50 / 60 Hz
Rated short-circuit capacity (Icn)	: 10 kA
Rated making and breaking capacity of individual pole (Icn1)	: 10 kA
Rated service short-circuit capacity (Ics)	: 7,5 kA
Energy limiting class	: Class 3 for B and C type
The grid distance "a" (grid)	: 45 mm
Reference calibration temperature	: +30 °C
Method of mounting	: Flush-type, for mounting on top hat rail 35 mm (EN 50022)
Degree of protection	: IP20
Connection	: screw type terminals
Markings	: trade name, type designation and electrical ratings are indicated on the body

TESTS**Test requirements**

EN 60898-1:2019

Test result

The test results are laid down in DEKRA test file 331704000.

Additional information

The referred test reports are 3317040.50, 3307943.50, 3305490.50, 3303230.50, 3302398.50 and W0807018.50.

The product also complies with IEC 60898-1:2015 and A1:2019.

This certificate replaces certificate No. 3307943.01 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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