

CERTIFICATE

Issued to:
Applicant:
DELIXI ELECTRIC LTD
Delixi High-Tech Industrial Park
Liushi Town, Yueqing City
325604 Zhejiang Province, China

Licensee:
DELIXI ELECTRIC LTD
Delixi High-Tech Industrial Park
Liushi Town, Yueqing City
325604 Zhejiang Province, China

Product : circuit-breakers for overcurrent protection
Trade name(s) : HIMEL
Type(s)/model(s) : HDB9N

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 2028558

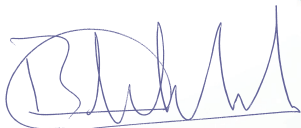
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 19 June 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-108876

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
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)	: HIMEL
Type(s)/model(s)	: HDB9N
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, 4P
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A
Range of instantaneous tripping current	: B, C and D
Rated short-circuit capacity (Icn)	: 6000 A
Rated making and breaking capacity of individual pole (Icn1)	: 6000 A
Rated service short-circuit capacity (Ics)	: 6000 A
Grid distance "a" (grid)	: 35 mm
Energy limiting class	: Class 3 for B and C type
Reference ambient temperature	: + 30 °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

TESTS**Test requirements**

EN 60898-1:2019

Test result

The test results are laid down in DEKRA test file 331540400.

Additional information

The referred test reports are 3315404.51, 3315402.51, 3315402.50, 3307909.51, 3303848.50, 3303848.51.

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

This certificate is based on certificate KEMA-KEUR no. 33-108330 issued on 2019-05-28 and replaces KEMA KEUR certificate No. 3310161.01 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

DELIXI ELECTRIC (WUHU) LTD
Wuhu Machinery Industrial Park,
Wuhu City,
241100 Anhui Province, China