CERTIFICATE

Issued to:

Applicant:
Wenzhou CHT Electric Co.,Ltd.
No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone
325025 Wenzhou Zhejiang, China

Licensee:
Wenzhou CHT Electric Co.,Ltd.
No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone
325025 Wenzhou Zhejiang, China

Product	:	Residual current operated circuit-breakers with integral overcurrent protection (RCBO)
Trade name(s)	:	CHT
Type(s)/model(s)	:	DBL1-40E

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

DEKRA hereby declares that the above-mentioned product has been certified based on:
- a type test according to EN 61009-1:2012, EN 61009-1:2012/A1:2014, EN 61009-1:2012/A2:2014, EN 61009-1:2012/A11:2015, EN 61009-1:2012/A12:2016, EN 61009-1:2012/A13:2021, IEC 61009-1:2010, IEC 61009-1:2010/AMD1:2012, IEC 61009-1:2010/AMD2:2013 and IEC 61009-2-2:1991
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059280

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 and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 17 July 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-140557

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Miranda Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Residual current operated circuit-breakers with integral overcurrent protection (RCBO)
Trade name(s)	:	CHT
Type(s)/model(s)	:	DBL1-40E
Number of poles	:	2P
Rated current (In)	:	6, 10, 13, 16, 20, 25, 32, 40 A
Rated residual current (IΔn)	:	30 mA
Classification of RCBOs functionally dependent on the line voltage	:	yes
Rated voltage (Un)	:	240 Vac
Rated frequency (Hz)	:	50 / 60 Hz
Behaviour to d.c. components	:	type A and AC
Time delay	:	without time-delay
Range of instantaneous tripping overcurrent	:	B and C type
Rated short-circuit capacity (Icn)	:	10 kA
Rated service short-circuit capacity (Ics)	:	7,5 kA
Rated residual making and breaking capacity (IΔm)	:	3 kA
Energy limiting class	:	3
The grid distance "a"	:	50 mm
Ambient air temperature	:	-25 °C ... + 40 °C
Reference calibration temperature	:	30 °C

TESTS

Test requirements

EN 61009-1:2012
EN 61009-1:2012/A1:2014
EN 61009-1:2012/A2:2014
EN 61009-1:2012/A11:2015
EN 61009-1:2012/A12:2016
EN 61009-1:2012/A13:2021
IEC 61009-1:2010
IEC 61009-1:2010/AMD1:2012
IEC 61009-1:2010/AMD2:2013
IEC 61009-2-2:1991

Test result

The test results are documented in DEKRA test file 333094900.

Additional information

The referred test report is 3330949.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location
Wenzhou CHT Electric Co.,Ltd.
No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone
325025 Wenzhou Zhejiang, China