

# 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) : DGB1LM-40H

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(s) 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 61009-2-1:1994, EN 61009-2-1:1994/A11:1998, IEC 61009-1:2010, IEC 61009-1:2010/A1:2012, IEC 61009-1:2010/A2:2013 and IEC 61009-2-1:1991
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059280

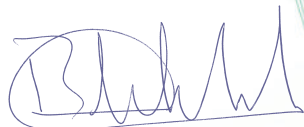
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 4 January 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-121861

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



J. Marggraf  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



**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)	: DGB1LM-40H
Number of poles	: 2P
Number of protected poles	: 2 protected pole
Rated current (In)	: 6, 10, 13, 16, 20, 25, 32, 40 A
Rated residual current (I $\Delta$ n)	: 30 mA
Classification of rcbos functionally dependent on the line voltage	: No
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)	: 6 kA
Rated service short-circuit capacity (Ics)	: 6 kA
Rated residual making and breaking capacity (I $\Delta$ m)	: 3 kA
Energy limiting class	: 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 61009-2-1:1994  
EN 61009-2-1:1994/A11:1998  
IEC 61009-1:2010  
IEC 61009-1:2010/A1:2012  
IEC 61009-1:2010/A2:2013  
IEC 61009-2-1:1991

**Test result**

The test results are laid down in DEKRA test file 332329600.

**Additional information**

This certificate is based on KEMA KEUR certificate no. 33-118479 issued on 2021-04-22.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Wenzhou CHT Electric Co.,Ltd.

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