

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 : Moulded-Case Circuit-Breaker
Trade name(s) : CHT
Type(s)/model(s) : DGM2-1600

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 60947-2:2017, EN 60947-2:2017/A1:2020, IEC 60947-2:2016 and IEC 60947-2:2016/A1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059280

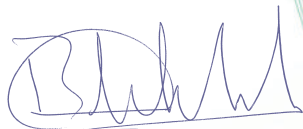
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 16 November 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-126062

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Moulded-Case Circuit-Breaker
Trade name(s)	: CHT
Type(s)/model(s)	: DGM2-1600
Number of poles	: 3P and 4P (N pole without overcurrent protection)
Rated operational voltage (U _e)	: 415 Vac
Rated insulation voltage (U _i)	: 1000 V
Rated impulse withstand voltage (U _{imp})	: 12 kV
Rated frequency	: 50 / 60 Hz
Rated current (I _n)	: 800 A, 1000 A, 1250 A, 1600 A
Conventional thermal current (I _{th})	: Equal to I _n
Current rating for four-pole circuit-breakers	: Equal to I _n
Rated service short-circuit breaking capacity (I _{cs})	: 50 kA
Rated ultimate short-circuit breaking capacity (I _{cu})	: 50 kA
Individual pole short-circuit (I _{tr})	: 12 I _n
Suitable for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 100/0 mm
Reference temperature	: 40 °C
Method of mounting	: Fixed
EMC environment	: A and B
Tightening torque for terminals	: M10 / 20 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug for 800 A Copper conductor with copper busbars for 800 A - 1600 A
Inverse time delay release	: Fixed
Time setting of the inverse time delay release	: Fixed, tripping time at 2 I _n : 9 min - 16 min
Instantaneous release	: I _i : 10 I _n 16 I _n for single pole

TESTS**Test requirements**

EN 60947-2:2017
EN 60947-2:2017/A1:2020
IEC 60947-2:2016
IEC 60947-2:2016/A1:2019

Test result

The test results are laid down in DEKRA test file 331943500.

Additional information

Nomenclature breakdown:

DGM2-1600/4300

a b c

a = Model name: DGM2

b = Frame size: 1600

c = Number poles: 4 means 4 poles, 3 means 3 poles

The referred test report is 3319435.50.

Conclusion

The examination proved that all requirements were met.

Factory location

Wenzhou CHT Electric Co.,Ltd.

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