

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) : DGM2-250

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 60947-2:2017, EN 60947-2:2017/A1:2020, IEC 60947-2:2016 and IEC 60947-2:2016/AMD1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059280

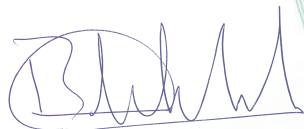
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 9 December 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-150340

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Susan Lehner
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)	: DGM2-250
Number of poles	: 3P and 4P (N pole with overcurrent protection)
Rated operational voltage (U _e)	: 415 Vac
Rated insulation voltage (U _i)	: 800 V
Rated impulse withstand voltage (U _{imp})	: 8 kV
Rated frequency	: 50 / 60 Hz
Rated current (I _n)	: 100 A, 125 A, 150 A, 160 A, 180 A, 200 A, 225 A, 250 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 _π)	: 12 I _n
Suitable for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 0 mm, Up / Down: 50 mm
Reference temperature	: 40 °C
Method of mounting	: Plug-in or fixed
EMC environment	: A and B
Tightening torque for terminals	: M8 / 6 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug
Inverse time delay release	: Fixed
Time setting of the inverse time delay release	: Fixed, tripping time at 2 I _n : 1 min - 12 min
Instantaneous release	: I _i : 10 I _n

TESTS**Test requirements**

EN 60947-2:2017
EN 60947-2:2017/A1:2020
IEC 60947-2:2016
IEC 60947-2:2016/AMD1:2019

Test result

The test results are documented in DEKRA test file 333319400.

Additional information

Nomenclature breakdown:

DGM2-250/4300

a b c

a = Model name: DGM2

b = Frame size: 250

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

The referred test report is 3333194.50.

This certificate replaces certificate No. 33-123262 which we hereby declare invalid.

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