

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Moulded-Case Circuit-Breaker

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

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

Note: When more than one factory, please report on page 2 Additional information on page 2

Ratings and principal characteristics

Ue: 415 Vac, 50 / 60 Hz
In: 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A
Ui: 800 V, Uimp: 8 kV
3P and 4P (N pole without overcurrent protection)
Icu: 50 kA
Ics: 50 kA
See annex for further ratings

Trademark / Brand (if any)

CHT

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

DGM2-100

Additional information (if necessary may also be reported on page 2)

 Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-2:2016, IEC 60947-2:2016/AMD1:2019

As shown in the Test Report Ref. No. which forms part of this Certificate

3319429.50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
Arnhem, 6825 MJ
Netherlands



Date: 2022-10-31

Signature: H.L. Schendstok

Ratings:

Number of poles	: 3P and 4P (N pole without overcurrent protection)
Rated operational voltage (Ue)	: 415 Vac
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Rated service short-circuit breaking capacity (Ics)	: 50 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 50 kA
Individual pole short-circuit (I _{IT})	: 12 In
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	: M6 / 3 Nm for plug-in M8 / 6 Nm for fixed
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 In: 60 s - 540 s
Instantaneous release	: Ii: 10 In

Additional information:

Nomenclature breakdown:

DGM2-100/4300

a b c

a = Model name: DGM2

b = Frame size: 100

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