

## 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: 800 A, 1000 A, 1250 A, 1600 A  
Ui: 1000 V, Uimp: 12 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.

DGM2-1600

## 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

3319435.50

This CB Test Certificate is issued by the National Certification Body

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



Date: 2022-11-14

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)                        | : 1000 V   |
| Rated impulse withstand voltage (Uimp)               | : 12 kV  |
| Rated frequency                                      | : 50 / 60 Hz   |
| Rated current (In)                                   | : 800 A, 1000 A, 1250 A, 1600 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 <sub>IT</sub> )     | : 12 In  |
| Suitable for isolation                               | : Suitable   |
| Selectivity category                                 | : A  |
| Safety distance (screen-circuit breaker)             | : Front / Back: 0 mm,<br>Left / Right: 50 mm,<br>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<br>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 In: 9 min - 16 min   |
| Instantaneous release                                | : Ii: 10 In<br>16 In for single pole   |

**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