## **ATTESTATION OF CONFORMITY**

Issued to:	Wenzhou CHT Electric Co., Ltd. No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone, 325025 Wenzhou, Zhejiang, China.
For the product:	Moulded-Case Circuit-Breaker
Trade name:	СНТ
Type/Model:	DGM2E-250
Ratings:	Ue: 415 Vac, 50 / 60 Hz Ui: 800 V, Uimp: 8 kV, In: 250 A 3P and 4P (N pole with overcurrent protection) See annex for further ratings
Manufactured by:	Wenzhou CHT Electric Co., Ltd. No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone, 325025 Wenzhou, Zhejiang, China.
Subject:	Type test
Requirements:	EN 60947-2:2017, EN 60947-2:2017/A1:2020, IEC 60947-2:2016, IEC 60947-2:2016/A1:2019

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test report no 3319439.50 issued on 2022-01-24.

This Attestation implies that the examined types/are in accordance/with the/standards/designated/under the Low voltage directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Wenzhou, Zhejiang 10 February 2022

Number:/3319439.01A/

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo Certification Manager

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DEKRA Testing Services (Zhejiang) Co., Ltd. No. 5. Changjiang Road,Great Bridge Industrial Park, North Baixiang, Wenzhou, 325603 Zhejiang, ZJ, China T www.dekra-product-safety.com



	DEKRA	
0.01A		

Ratings: Number of poles Protected pole Rated operational voltage (Ue) Rated insulation voltage (Ui) Rated impulse withstand voltage (Uimp) Rated frequency Rated current (In) Conventional thermal current (Ith) Current rating for four-pole circuit- breakers Rated service short-circuit breaking capacity (Ics) Rated ultimate short-circuit	<ul> <li>3P and 4P (N pole with overcurrent protection)</li> <li>3 or 4</li> <li>415 Vac</li> <li>800 V</li> <li>8 kV</li> <li>50 / 60 Hz</li> <li>250 A</li> <li>Equal to In</li> <li>Equal to In</li> <li>50 kA</li> <li>50 kA</li> </ul>
breaking capacity (Icu) Rated short-time withstand current (Icw)	: 2,5 kA - 1 s
Individual pole short-circuit (IIT) Suitable for isolation Selectivity category Safety distance (screen-circuit breaker) Reference temperature Method of mounting	<ul> <li>3 kA</li> <li>Suitable</li> <li>A</li> <li>Front / Back: 0 mm, Left / Right: 0 mm, Up / Down: 50 mm</li> <li>Independent</li> <li>Plug-in or fixed</li> </ul>
EMC environment Tightening torque for terminals Line/load terminal Connection	<ul> <li>A and B</li> <li>M8 / 6 Nm</li> <li>Marked</li> <li>Copper conductor with cable lug</li> </ul>
Inverse time delay release Time setting of the inverse time delay release	<ul> <li>Ir: 100, 125, 140, 160, 180, 200, 225, 250 A</li> <li>tr: 16, 32, 64, 128, 256 s at 1,5 Ir + OFF, with tolerance of ± 15% tripping time at 2 Ir: 9 s ± 15% (tr = 16 s)</li> </ul>
Short time delay release Time setting of the short time delay release	<ul> <li>144 s ± 15% (tr = 256 s)</li> <li>Isd: (1,5, 2, 3, 4, 5, 6, 8, 10) x Ir + OFF tsd: 0,05 ± 0,02 s, 0,1 ± 0,03 s, 0,2 ± 0,04 s, 0,3 ± 0,06 s at I<sup>2</sup>t off + OFF non-tripping duration: Set at 0,05 s: 0,03 s, Set at 0,3 s: 0,24 s</li> </ul>
Instantaneous release Ground fault release	<ul> <li>li: (2, 3, 4, 5, 6, 8, 10, 12) x lr + OFF</li> <li>(0,2, 0,3, 0,4, 0,5, 0,6, 0,7, 0,8, 1,0) x ln + OFF, with tolerance of ± 10% (only for N of 4P)</li> <li>tg: fixed at 0,4 s, with tolerance of ± 15%</li> </ul>

## Additional information:

Nomenclature breakdown: <u>DGM2E-250/4</u>300 a b c

a = Model name: DGM2E

b = Frame size: 250

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