

# ATTESTATION OF CONFORMITY

Issued to: Zhejiang Geya Electrical Co., Ltd.  
Wenzhou Great Bridge Industrial Park, North Baixiang Town, Yueqing City  
325603 Wenzhou, Zhejiang, China

For the product: Moulded-Case Circuit-Breaker

Trade name: GEYA

Type/Model: GYCM8-250M, GYCM8-250H, GYCM8-250C, GYCM8-250S, GYCM8RT-250M,  
GYCM8RT-250H, GYCM8RT-250C, GYCM8RT-250S

Ratings: Ue: 380 / 400 / 415 Vac, 50 / 60 Hz  
Ui: 1000 V, Uimp: 8 kV,  
In: 100 A, 125 A, 140 A, 160 A, 180 A, 200 A, 225 A, 250 A  
3P, 4P (N pole without overcurrent protection)  
See annex for further ratings

Manufactured by: Zhejiang Geya Electrical Co., Ltd.  
Wenzhou Great Bridge Industrial Park, North Baixiang Town, Yueqing City  
325603 Wenzhou, Zhejiang, China

Subject: Complete evaluation of electrical system of the appliances

Requirements: EN 60947-2:2017, EN 60947-2:2017/A1:2020, EN IEC 60947-1: 2021,  
IEC 60947-2:2024, IEC 60947-1:2020

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test report no 3332214.50 issued on 2025-01-15.

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 this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This document does not authorize the use of any DEKRA approved mark.

Wenzhou, Zhejiang, 16 January 2024      Number: 3332214.01-AOC

DEKRA Testing Services (Zhejiang) Co., Ltd

Ms J Guo  
Certification Manager

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**Ratings:**

Number of poles	: 3P, 4P (N pole without overcurrent protection)
Rated operational voltage (U <sub>e</sub> )	: 380 / 400 / 415 Vac
Rated insulation voltage (U <sub>i</sub> )	: 1000 V
Rated impulse withstand voltage (U <sub>imp</sub> )	: 8 kV
Rated frequency	: 50/60 Hz
Rated current (I <sub>n</sub> )	: 100, 125, 140, 160, 180, 200, 225, 250 A
Conventional thermal current (I <sub>th</sub> )	: Equal to I <sub>n</sub>
Current rating for four-pole circuit-breakers	: Equal to I <sub>n</sub>
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Up / Down: 80 mm Left / Right: 0 mm Front / Back: 0 mm
Reference temperature	: 40 °C and 55 °C
Method of mounting	: fixed
EMC environment	: A and B
Rated tightening torque for terminals	: M8 / 6 Nm
Line/load terminal	: Marked
Connection	: Prepared copper conductor

**Product rating – type GYCM8-250M**

Rated service short-circuit breaking capacity (Ics)	: 35 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 50 kA
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, tripping time at 2 In: 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**Product rating – type GYCM8-250H**

Rated service short-circuit breaking capacity (Ics)	: 50 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 50 kA
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, tripping time at 2 In: 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**Product rating – type GYCM8-250C**

Rated service short-circuit breaking capacity (Ics)	: 18 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 25 kA
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, tripping time at 2 In: 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**Product rating – type GYCM8-250S**

Rated service short-circuit breaking capacity (Ics)	: 25 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 35 kA
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, tripping time at 2 In: 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**Product rating – type GYCM8RT-250M**

Rated service short-circuit breaking capacity (Ics)	: 35 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 50 kA
Inverse time delay release	: Thermal type, adjustable, $I_r = (0,7, 1) \times I_n$
Time setting of the inverse time delay release	: Fixed, tripping time at 2 $I_r$ : 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Product rating – type GYCM8RT-250H**

Rated service short-circuit breaking capacity (Ics)	: 50 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 50 kA
Inverse time delay release	: Thermal type, adjustable, $I_r = (0,7, 1) \times I_n$
Time setting of the inverse time delay release	: Fixed, tripping time at 2 I <sub>r</sub> : 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Product rating – type GYCM8RT-250C**

Rated service short-circuit breaking capacity (Ics)	: 18 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 25 kA
Inverse time delay release	: Thermal type, adjustable, $I_r = (0,7, 1) \times I_n$
Time setting of the inverse time delay release	: Fixed, tripping time at 2 I <sub>r</sub> : 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Product rating – type GYCM8RT-250S**

Rated service short-circuit breaking capacity (Ics)	: 25 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 35 kA
Inverse time delay release	: Thermal type, adjustable, $I_r = (0,7, 1) \times I_n$
Time setting of the inverse time delay release	: Fixed, tripping time at 2 I <sub>r</sub> : 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Nomenclature breakdown:**GYCM8RT-250 M (b)

a      b    c    d

a = Model name: "GYCM8" means fixed type, "GYCM8RT" means adjustable type

b = Frame size: 250

c = short-circuit capacity: "C", "S" "M" or "H"

d = Color of Front cover: "w" means white "b", "b" means Black