

# CERTIFICATE

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

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

Product : Moulded-Case Circuit-Breaker  
Trade name(s) : GEYA  
Type(s)/model(s) : GYCM8-630H, GYCM8-630M, GYCM8-630S, GYCM8RT-630H,  
GYCM8RT-630M and GYCM8RT-630S

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 60947-2:2024, EN IEC 60947-1:2021 and IEC 60947-1:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6068386

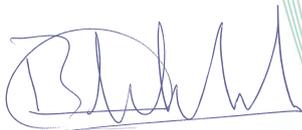
DEKRA hereby grants the right to use the DEKRA Mark.

The DEKRA Mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Mark certification agreement.

This certificate is issued on 20 January 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-153168

DEKRA Certification B.V.



**B.T.M. Holtus**  
Managing Director



**Matilde Tonsi**  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**33-153168**

**DEKRA Mark is the new KEMA-KEUR**

The DEKRA Mark certificate for this product is to all intents and purposes equivalent to a KEMA-KEUR certificate, the other certification mark used by DEKRA and should be valued and used as such. DEKRA Mark is gradually replacing KEMA-KEUR.

For more information please check: [Introducing DEKRA Mark](#)

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Moulded-Case Circuit-Breaker
Trade name(s)	: GEYA
Type(s)/model(s)	: GYCM8-630H, GYCM8-630M, GYCM8-630S, GYCM8RT-630H, GYCM8RT-630M and GYCM8RT-630S
Number of poles	: 3P, 4P (N pole without overcurrent protection)
Rated operational voltage (Ue)	: 380 / 400 / 415 Vac
Rated insulation voltage (Ui)	: 1000 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50/60 Hz
Rated current (In)	: 320, 350, 400, 500, 630 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
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	: M10 / 10 Nm
Line/load terminal	: Marked
Connection	: Prepared copper conductor

**Product data – type GYCM8RT-630H**

Rated service short-circuit breaking capacity (Ics)	: 50 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 65 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 Ir: 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Product data – type GYCM8RT-630M**

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 Ir: 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Product data – type GYCM8RT-630S**

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 $2 I_r$ : 40 s to 1000 s
Instantaneous release	: Magnetic type, adjustable, $I_i = (5, 10) \times I_n$

**Product data – type GYCM8-630H**

Rated service short-circuit breaking capacity (Ics)	: 50 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 65 kA
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, tripping time at $2 I_n$ : 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**Product data – type GYCM8-630M**

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 $2 I_n$ : 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**Product data – type GYCM8-630S**

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 $2 I_n$ : 40 s to 1000 s
Instantaneous release	: Magnetic type, fixed, $I_i = 10 I_n$

**TESTS****Test requirements**

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

**Test result**

The test results are documented in DEKRA test file 333221600.

**Additional information**

Nomenclature breakdown:

GYCM8RT-630 M (b)

a        b    c    d

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

b = Frame size: 630

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

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

The referred test reports are 3332216.50

**Conclusion**

The examination has confirmed that all requirements were met.

**Factory location**

Zhejiang Geya Electrical Co., Ltd.

Wenzhou Great Bridge Industrial Park, North Baixiang Town, Yueqing City

325603 Wenzhou Zhejiang, China