



Ref. Certif. No.

FR_713010

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

CB TEST CERTIFICATE

Product

Circuit-breaker
DC Circuit Breaker

Name and address of the applicant

ZHEJIANG GEYA ELECTRICAL CO., LTD
WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN
325603 YUEQING, ZHEJIANG - CHINA

Name and address of the manufacturer

ZHEJIANG GEYA ELECTRICAL CO., LTD
WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN
325603 YUEQING, ZHEJIANG - CHINA

Name and address of the factory

ZHEJIANG GEYA ELECTRICAL CO., LTD
WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN
325603 YUEQING, ZHEJIANG - CHINA

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

☐ Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

GYM9H-DC
See Annex

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 60947-1:2007 +A1:2010 +A2:2014
IEC 60947-2:2016 +A1:2019

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

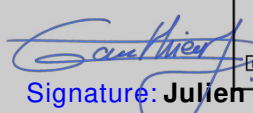
2111990014

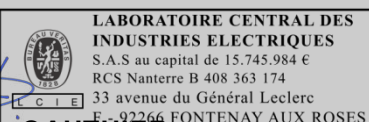
This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 04/01/2022


Signature: **Julien GAUTHIER**
Certification Officer



ANNEX

References, ratings and main characteristics:

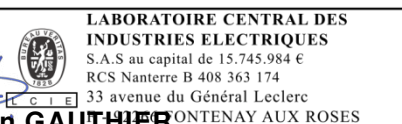
	1P	2P
63A	GYM9H-DC 1P 63A	GYM9H-DC 2P 63A
50A	GYM9H-DC 1P 50A	GYM9H-DC 2P 50A
40A	GYM9H-DC 1P 40A	GYM9H-DC 2P 40A
32A	GYM9H-DC 1P 32A	GYM9H-DC 2P 32A
25A	GYM9H-DC 1P 25A	GYM9H-DC 2P 25A
20A	GYM9H-DC 1P 20A	GYM9H-DC 2P 20A
16A	GYM9H-DC 1P 16A	GYM9H-DC 2P 16A
10A	GYM9H-DC 1P 10A	GYM9H-DC 2P 10A
6A	GYM9H-DC 1P 06A	GYM9H-DC 2P 06A



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Utilization category	A
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Dependent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Protection degree :	IP20 for front cover
Rated operational voltage U_e : (V)	DC220V(1P);DC 440V(2P)
Rated insulation voltage U_i : (V)	440V
Rated impulse withstand voltage U_{imp} : (V)	4kV
Rated current I_e : (A)	6A; 10A; 16A; 20A; 25A; 32A; 40A; 50A; 63A
Conventional free air thermal current I_{th} : (A)	63A
Conventional enclosed thermal current I_{the} : (A)	N/A
Rated current for four pole circuit-breakers : (A)	N/A
Rated frequency : (Hz)	N/A
Nature of supply :	DC
Total number of poles :	1P;2P
Number of protected poles :	1P;2P
Rated duty	Uninterrupted duty
Rated short-time making capacity I_{cm} : (A)	N/A
Rated ultimate short-circuit breaking capacity I_{cu} : (A)	6kA
Rated service short-circuit breaking capacity I_{cs} : (A)	6kA
Rated short-time withstand current I_{cw} : (A)	N/A
Electromagnetic compatibility	Thermo-magnetic
Instantaneous tripping current :	8In
Reference ambient calibration air temperature : (°C)	30°C
Pollution degree	2
Material group :	IIIa
safety distance (short-circuit tests) :	Back:0mm Front:0mm Up:50mm Down:50mm Left:0mm Right:0mm



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LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
92260 FONTENAY AUX ROSES

Date: 04/01/2022

Signature: **Julien GAUTHIER**
Certification Officer