Ref. Certif. No.

FR_717913/M1

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

CB TEST CERTIFICATE

Product	**Residual current operated circuit-breakers with integral overcurrent protection (RCBO's)**
Name and address of the applicant	**ZHEJIANG GEYA ELECTRICAL CO., LTD** WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN YUEQING, ZHEJIANG, 325603 - CHINA
Name and address of the manufacturer	**ZHEJIANG GEYA ELECTRICAL CO., LTD** WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN YUEQING, ZHEJIANG, 325603 - CHINA
Name and address of the factory	**ZHEJIANG GEYA ELECTRICAL CO., LTD** WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN YUEQING, ZHEJIANG, 325603 - 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)	GEYA
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	GYR9NM See Annex
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC FR_717913 dated 09/11/2023. Technical modification ☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61009-1:2010 +A1:2012 +A2:2013 IEC 61009-2-1:1991
As shown in the Test Report Ref. No. which forms part of this Certificate	B240155

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

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
F - 92266 FONTENAY AUX ROSES

Date: 14/01/2025

Signature: **Julien GAUTHIER**
Certification Officer

ANNEX

References, ratings and main characteristics:

Independent of line voltage :	Yes
Rated voltage Ue : (V~)	240V~ for 1P+N; 415V~ for 3P+N
Rated current In : (A)	6, 10, 16, 20, 25, 32, 40 A
Rated frequency : (Hz)	50/60Hz
Rated residual operating current IΔn : (A)	30mA, 100mA, 300mA
Type :	A and AC
Temporisation :	without time-delay
Nature of supply :	AC
Total number of poles :	1P+N,3P+N
Number of protected poles :	1P,3P
Rated insulation voltage Ui : (V)	500V
Rated impulse withstand voltage Uimp : (V)	4Kv
Instantaneous tripping current :	B/C
Reference ambient calibration air temperature : (°C)	+30°C
Utilisation range temperature : (°C)	-5°C à +40°C
Rated short-circuit capacity Icn : (A)	6000A
Rated residual making and breaking capacity IΔm: (A)	500A
Energy limiting class (I^2t) :	1(According to EN 61009-1)
Grid distance (short-circuit tests) :	50 mm
Protection against external influences :	Enclosed
Protection degree :	IP20
Material group:	IIIa
Method of mounting :	Surface(On rail)
Method of electrical connection :	
not associated with the mechanical-mounting	Yes
associated with the mechanical-mounting	N/A
Type of terminals :	Pillar terminal
Nominal diameter of thread : (mm)	4,9mm
Operating means :	Lever

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

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
F - 92266 FONTENAY AUX ROSES

Date: 14/01/2025

Signature: **Julien GAUTHIER**
Certification Officer

ANNEX

	GYR9NM A Type		
	1P+N B Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMB400306A2	GYR9NMB401006A2	GYR9NMB403006A2
32A	GYR9NMB320306A2	GYR9NMB321006A2	GYR9NMB323006A2
25A	GYR9NMB250306A2	GYR9NMB251006A2	GYR9NMB253006A2
20A	GYR9NMB200306A2	GYR9NMB201006A2	GYR9NMB203006A2
16A	GYR9NMB160306A2	GYR9NMB161006A2	GYR9NMB163006A2
10A	GYR9NMB100306A2	GYR9NMB101006A2	GYR9NMB103006A2
6A	GYR9NMB060306A2	GYR9NMB061006A2	GYR9NMB063006A2

	GYR9NM A Type		
	1P+N C Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMC400306A2	GYR9NMC401006A2	GYR9NMC403006A2
32A	GYR9NMC320306A2	GYR9NMC321006A2	GYR9NMC323006A2
25A	GYR9NMC250306A2	GYR9NMC251006A2	GYR9NMC253006A2
20A	GYR9NMC200306A2	GYR9NMC201006A2	GYR9NMC203006A2
16A	GYR9NMC160306A2	GYR9NMC161006A2	GYR9NMC163006A2
10A	GYR9NMC100306A2	GYR9NMC101006A2	GYR9NMC103006A2
6A	GYR9NMC060306A2	GYR9NMC061006A2	GYR9NMC063006A2

	GYR9NM AC Type		
	1P+N B Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMB400306AC2	GYR9NMB401006AC2	GYR9NMB403006AC2
32A	GYR9NMB320306AC2	GYR9NMB321006AC2	GYR9NMB323006AC2
25A	GYR9NMB250306AC2	GYR9NMB251006AC2	GYR9NMB253006AC2
20A	GYR9NMB200306AC2	GYR9NMB201006AC2	GYR9NMB203006AC2
16A	GYR9NMB160306AC2	GYR9NMB161006AC2	GYR9NMB163006AC2
10A	GYR9NMB100306AC2	GYR9NMB101006AC2	GYR9NMB103006AC2
6A	GYR9NMB060306AC2	GYR9NMB061006AC2	GYR9NMB063006AC2

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

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
F - 92266 FONTENAY AUX ROSES

Date: 14/01/2025

Signature: Julien GAUTHIER
Certification Officer

ANNEX

	GYR9NM AC Type		
	1P+N C Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMC400306AC2	GYR9NMC401006AC2	GYR9NMC403006AC2
32A	GYR9NMC320306AC2	GYR9NMC321006AC2	GYR9NMC323006AC2
25A	GYR9NMC250306AC2	GYR9NMC251006AC2	GYR9NMC253006AC2
20A	GYR9NMC200306AC2	GYR9NMC201006AC2	GYR9NMC203006AC2
16A	GYR9NMC160306AC2	GYR9NMC161006AC2	GYR9NMC163006AC2
10A	GYR9NMC100306AC2	GYR9NMC101006AC2	GYR9NMC103006AC2
6A	GYR9NMC060306AC2	GYR9NMC061006AC2	GYR9NMC063006AC2

	GYR9NM A Type		
	3P+N B Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMB400306A4	GYR9NMB401006A4	GYR9NMB403006A4
32A	GYR9NMB320306A4	GYR9NMB321006A4	GYR9NMB323006A4
25A	GYR9NMB250306A4	GYR9NMB251006A4	GYR9NMB253006A4
20A	GYR9NMB200306A4	GYR9NMB201006A4	GYR9NMB203006A4
16A	GYR9NMB160306A4	GYR9NMB161006A4	GYR9NMB163006A4
10A	GYR9NMB100306A4	GYR9NMB101006A4	GYR9NMB103006A4
6A	GYR9NMB060306A4	GYR9NMB061006A4	GYR9NMB063006A4

	GYR9NM A Type		
	3P+N C Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMC400306A4	GYR9NMC401006A4	GYR9NMC403006A4
32A	GYR9NMC320306A4	GYR9NMC321006A4	GYR9NMC323006A4
25A	GYR9NMC250306A4	GYR9NMC251006A4	GYR9NMC253006A4
20A	GYR9NMC200306A4	GYR9NMC201006A4	GYR9NMC203006A4
16A	GYR9NMC160306A4	GYR9NMC161006A4	GYR9NMC163006A4
10A	GYR9NMC100306A4	GYR9NMC101006A4	GYR9NMC103006A4
6A	GYR9NMC060306A4	GYR9NMC061006A4	GYR9NMC063006A4

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

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
F - 92266 FONTENAY AUX ROSES

Date: 14/01/2025

Signature: **Julien GAUTHIER**
Certification Officer

ANNEX

	GYR9NM AC Type		
	3P+N B Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMB400306AC4	GYR9NMB401006AC4	GYR9NMB403006AC4
32A	GYR9NMB320306AC4	GYR9NMB321006AC4	GYR9NMB323006AC4
25A	GYR9NMB250306AC4	GYR9NMB251006AC4	GYR9NMB253006AC4
20A	GYR9NMB200306AC4	GYR9NMB201006AC4	GYR9NMB203006AC4
16A	GYR9NMB160306AC4	GYR9NMB161006AC4	GYR9NMB163006AC4
10A	GYR9NMB100306AC4	GYR9NMB101006AC4	GYR9NMB103006AC4
6A	GYR9NMB060306AC4	GYR9NMB061006AC4	GYR9NMB063006AC4

	GYR9NM AC Type		
	3P+N C Type Icn=Ics=6000A		
	30mA	100mA	300mA
40A	GYR9NMC400306AC4	GYR9NMC401006AC4	GYR9NMC403006AC4
32A	GYR9NMC320306AC4	GYR9NMC321006AC4	GYR9NMC323006AC4
25A	GYR9NMC250306AC4	GYR9NMC251006AC4	GYR9NMC253006AC4
20A	GYR9NMC200306AC4	GYR9NMC201006AC4	GYR9NMC203006AC4
16A	GYR9NMC160306AC4	GYR9NMC161006AC4	GYR9NMC163006AC4
10A	GYR9NMC100306AC4	GYR9NMC101006AC4	GYR9NMC103006AC4
6A	GYR9NMC060306AC4	GYR9NMC061006AC4	GYR9NMC063006AC4

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

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
F - 92266 FONTENAY AUX ROSES

Date: 14/01/2025

Signature: **Julien GAUTHIER**
Certification Officer