

No. BVPMBG_4554

Genehmigungsinhaber
Holder

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

Fertigungsstätte
Manufacturing site

ZHEJIANG GEYA ELECTRICAL CO., LTD (1999AP)
WENZHOU BRIDGE INDUSTRIAL ZONE, BEIBAIXIANG TOWN
YUEQING, ZHEJIANG, 325603 - CHINA

Aktenzeichen
File No.

TL795086

Ausstellungsdatum
Date of delivery

09/11/2023

Gültig bis
Expired on

08/11/2028

Geprüft nach / Tested in conformity with

EN 61009-1:2012 +A1:2014 +A2:2014 +A11:2015 +A12:2016

Testbericht Nr. / Test report No

B230049

Produkt / Product

Residual current operated circuit-breakers with integral overcurrent protection (RCBO's)

Modell / Model

GYR9NM series
Siehe Anhang / See Annex

Nominalwerte / Rated characteristics

Siehe Anhang / See Annex

Markenname / Brand name



Weitere Angaben / Additional information

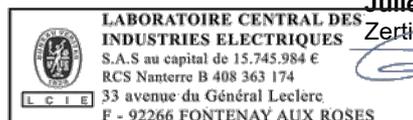
Also in conformity with IEC 61009-1:2010 +A1:2012 +A2:2013 and IEC 61009-2-1:1991

Dieser Genehmigung liegen unsere Prüf- und Zertifizierungsregeln zugrunde. *The present approval is submitted to our Testing and Certification rules.*

Die Gültigkeit dieser Lizenz endet mit der Aufhebung eines der Standards, auf denen sie basiert. *The present license is valid until the cancellation of one of the standards on which it is based.*

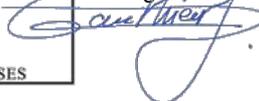
Zertifizierungsstelle erfüllt ISO/IEC 17065. *Certification Body complies with ISO/IEC 17065.*

Fontenay-aux-Roses, 09/11/2023



Julien GAUTHIER

Zertifizierungsleiter / Certification Officer



CHARACTERISTICS OF APPLIANCE

Independent of line voltage :	Yes
Rated voltage U_e : (V~)	240V~ for 1P+N; 415V~ for 3P+N
Rated current I_n : (A)	6, 10, 16, 20, 25, 32, 40 A
Rated frequency : (Hz)	50/60Hz
Rated residual operating current $I_{\Delta n}$: (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 U_i : (V)	500V
Rated impulse withstand voltage U_{imp} : (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 I_{cn} : (A)	6000A
Rated residual making and breaking capacity $I_{\Delta m}$: (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



Product references list:

GYR9NM A Type			
1P+N B Type Icn=lcs=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

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1P+N C Type Icn=lcs=6000A			
	30mA	100mA	300mA
40A	GYR9NMC400306A2	GYR9NMC401006A2	GYR9NMC403006A2
32A	GYR9NMC320306A2	GYR9NMC321006A2	GYR9NMC323006A2
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20A	GYR9NMC200306A2	GYR9NMC201006A2	GYR9NMC203006A2
16A	GYR9NMC160306A2	GYR9NMC161006A2	GYR9NMC163006A2
10A	GYR9NMC100306A2	GYR9NMC101006A2	GYR9NMC103006A2
6A	GYR9NMC060306A2	GYR9NMC061006A2	GYR9NMC063006A2
GYR9NM AC Type			
1P+N B Type Icn=lcs=6000A			
	30mA	100mA	300mA
40A	GYR9NMB400306AC2	GYR9NMB401006AC2	GYR9NMB403006AC2
32A	GYR9NMB320306AC2	GYR9NMB321006AC2	GYR9NMB323006AC2
25A	GYR9NMB250306AC2	GYR9NMB251006AC2	GYR9NMB253006AC2
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	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
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25A	GYR9NMC250306A4	GYR9NMC251006A4	GYR9NMC253006A4
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