



Ref. Certif. No.

FR_718103

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

CB TEST CERTIFICATE

Product

Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's)
RCCB

Name and address of the applicant

ACDC DYNAMICS CC
P.O.BOX 3812, EDENVALE, 1610, SOUTH AFRICA 26 NGUNI DRIVE, LONGMEADOW ESTATE WEST
EDENVALE, GAUTENG - SOUTH AFRICA

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)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

GYL8 Series
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 61008-1:2010 +A1:2012 +A2:2013
IEC 61008-2-1:1990

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

B230101

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: 19/12/2023



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

Signature:
Julien GAUTHIER
Certification Officer

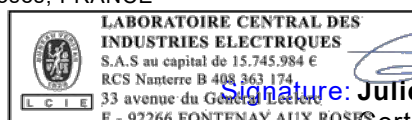
ANNEX

Technical Characteristics	
Independent of line voltage :	Yes
Dependent of line voltage :	No
Rated voltage U_e : (V)	240V(1P+N);415V(3P+N)
Rated current I_n : (A)	16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated frequency : (Hz)	50Hz
Rated residual operating current $I_{\Delta n}$: (A)	30mA, 100mA, 300mA
Type :	Type A and AC
Temporisation :	without time-delay
Nature of supply :	~
Total number of poles :	1P+N and 3P+N (Neutral on right)
Rated insulation voltage U_i : (V)	500V
Rated impulse withstand voltage U_{imp} : (V)	4000V
Utilisation range temperature : (°C)	-5°C to +40°C
Rated making and breaking capacity I_m : (A)	500A for 16A, 20A, 25A, 32A, 40A, 50A; 10In for 63A
Rated residual making and breaking capacity $I_{\Delta m}$: (A)	500A for 16A, 20A, 25A, 32A, 40A, 50A; 10In for 63A
Rated conditional short-circuit current I_{nc} : (A)	6000A
Rated conditional residual short-circuit current $I_{\Delta c}$: (A)	6000A
Short-circuit protection devices	SCPDs used : Silver wire
Grid distance (short-circuit tests) :	50mm
Protection against external influences :	Enclosed
Protection degree :	IP20
Material group:	IIIa
Method of mounting :	On rail
Method of electrical connection :	
not associated with the mechanical-mounting	Yes
associated with the mechanical-mounting	No
Type of terminals :	Pillar terminal
Nominal diameter of thread : (mm)	5,9mm
Operating means	Lever



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ANNEX

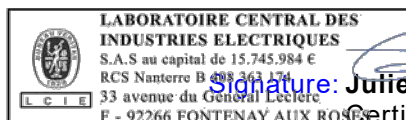
PRODUCT REFERENCES LIST:

RATED CURRENT	RATED RESIDUAL OPERATING CURRENT	TYPE OF RCCB	NUMBER OF POLES	
			1P+N	3P+N
16A	30mA	A	GYL8-2-16 30mA Type A	GYL8-4-16 30mA Type A
20A	30mA	A	GYL8-2-20 30mA Type A	GYL8-4-20 30mA Type A
25A	30mA	A	GYL8-2-25 30mA Type A	GYL8-4-25 30mA Type A
32A	30mA	A	GYL8-2-32 30mA Type A	GYL8-4-32 30mA Type A
40A	30mA	A	GYL8-2-40 30mA Type A	GYL8-4-40 30mA Type A
50A	30mA	A	GYL8-2-50 30mA Type A	GYL8-4-50 30mA Type A
63A	30mA	A	GYL8-2-63 30mA Type A	GYL8-4-63 30mA Type A
16A	100mA	A	GYL8-2-16 100mA Type A	GYL8-4-16 100mA Type A
20A	100mA	A	GYL8-2-20 100mA Type A	GYL8-4-20 100mA Type A
25A	100mA	A	GYL8-2-25 100mA Type A	GYL8-4-25 100mA Type A
32A	100mA	A	GYL8-2-32 100mA Type A	GYL8-4-32 100mA Type A
40A	100mA	A	GYL8-2-40 100mA Type A	GYL8-4-40 100mA Type A
50A	100mA	A	GYL8-2-50 100mA Type A	GYL8-4-50 100mA Type A
63A	100mA	A	GYL8-2-63 100mA Type A	GYL8-4-63 100mA Type A
16A	300mA	A	GYL8-2-16 300mA Type A	GYL8-4-16 300mA Type A
20A	300mA	A	GYL8-2-20 300mA Type A	GYL8-4-20 300mA Type A
25A	300mA	A	GYL8-2-25 300mA Type A	GYL8-4-25 300mA Type A
32A	300mA	A	GYL8-2-32 300mA Type A	GYL8-4-32 300mA Type A
40A	300mA	A	GYL8-2-40 300mA Type A	GYL8-4-40 300mA Type A
50A	300mA	A	GYL8-2-50 300mA Type A	GYL8-4-50 300mA Type A
63A	300mA	A	GYL8-2-63 300mA Type A	GYL8-4-63 300mA Type A



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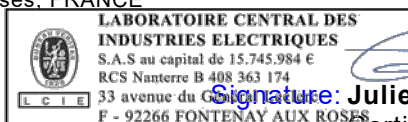
ANNEX

RATED CURRENT	RATED RESIDUAL OPERATING CURRENT	TYPE OF RCCB	NUMBER OF POLES	
			1P+N	3P+N
16A	30mA	AC	GYL8-2-16 30mA Type AC	GYL8-4-16 30mA Type AC
20A	30mA	AC	GYL8-2-20 30mA Type AC	GYL8-4-20 30mA Type AC
25A	30mA	AC	GYL8-2-25 30mA Type AC	GYL8-4-25 30mA Type AC
32A	30mA	AC	GYL8-2-32 30mA Type AC	GYL8-4-32 30mA Type AC
40A	30mA	AC	GYL8-2-40 30mA Type AC	GYL8-4-40 30mA Type AC
50A	30mA	AC	GYL8-2-50 30mA Type AC	GYL8-4-50 30mA Type AC
63A	30mA	AC	GYL8-2-63 30mA Type AC	GYL8-4-63 30mA Type AC
16A	100mA	AC	GYL8-2-16 100mA Type AC	GYL8-4-16 100mA Type AC
20A	100mA	AC	GYL8-2-20 100mA Type AC	GYL8-4-20 100mA Type AC
25A	100mA	AC	GYL8-2-25 100mA Type AC	GYL8-4-25 100mA Type AC
32A	100mA	AC	GYL8-2-32 100mA Type AC	GYL8-4-32 100mA Type AC
40A	100mA	AC	GYL8-2-40 100mA Type AC	GYL8-4-40 100mA Type AC
50A	100mA	AC	GYL8-2-50 100mA Type AC	GYL8-4-50 100mA Type AC
63A	100mA	AC	GYL8-2-63 100mA Type AC	GYL8-4-63 100mA Type AC
16A	300mA	AC	GYL8-2-16 300mA Type AC	GYL8-4-16 300mA Type AC
20A	300mA	AC	GYL8-2-20 300mA Type AC	GYL8-4-20 300mA Type AC
25A	300mA	AC	GYL8-2-25 300mA Type AC	GYL8-4-25 300mA Type AC
32A	300mA	AC	GYL8-2-32 300mA Type AC	GYL8-4-32 300mA Type AC
40A	300mA	AC	GYL8-2-40 300mA Type AC	GYL8-4-40 300mA Type AC
50A	300mA	AC	GYL8-2-50 300mA Type AC	GYL8-4-50 300mA Type AC
63A	300mA	AC	GYL8-2-63 300mA Type AC	GYL8-4-63 300mA Type AC



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