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)	ACDC
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

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: 19/12/2023

Signature: **Julien GAUTHIER**
Certification Officer

ANNEX

Technical Characteristics	
Independent of line voltage :	Yes
Dependent of line voltage :	No
Rated voltage Ue : (V)	240V(1P+N);415V(3P+N)
Rated current In : (A)	16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated frequency : (Hz)	50Hz
Rated residual operating current IΔn : (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 Ui : (V)	500V
Rated impulse withstand voltage Uimp : (V)	4000V
Utilisation range temperature : (°C)	-5°C to +40°C
Rated making and breaking capacity Im : (A)	500A for 16A, 20A, 25A, 32A, 40A, 50A; 10In for 63A
Rated residual making and breaking capacity IΔm : (A)	500A for 16A, 20A, 25A, 32A, 40A, 50A; 10In for 63A
Rated conditional short-circuit current Inc : (A)	6000A
Rated conditional residual short-circuit current IΔc : (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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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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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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