

IEC

IECEE

Ref. Certif. No.

FR_716711

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)

Name and address of the applicant

Changcheng Electrical Group Zhejiang Technology Co., Ltd.
DianHou Village, Liushi Town, 325604 Yueqing City
Zhejiang - China

Name and address of the manufacturer

Changcheng Electrical Group Zhejiang Technology Co., Ltd.
DianHou Village, Liushi Town, 325604 Yueqing City
Zhejiang - China

Name and address of the factory

Changcheng Electrical Group Zhejiang Technology Co., Ltd.
DianHou Village, Liushi Town, 325604 Yueqing City
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)

CNC

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

YCB9RL-100

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

B230002

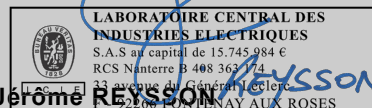
This CB Test Certificate is issued by the National Certification Body



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

Date: 11/04/2023

Signature: Jérôme REYSSON
Certification Officer



ANNEX

Product References:

		30mA	
		1P+N	3P+N
16A	A	YCB9RL-100 1P+N 16A 30mA A Type	YCB9RL-100 3P+N 16A 30mA A Type
25A	A	YCB9RL-100 1P+N 25A 30mA A Type	YCB9RL-100 3P+N 25A 30mA A Type
32A	A	YCB9RL-100 1P+N 32A 30mA A Type	YCB9RL-100 3P+N 32A 30mA A Type
40A	A	YCB9RL-100 1P+N 40A 30mA A Type	YCB9RL-100 3P+N 40A 30mA A Type
50A	A	YCB9RL-100 1P+N 50A 30mA A Type	YCB9RL-100 3P+N 50A 30mA A Type
63A	A	YCB9RL-100 1P+N 63A 30mA A Type	YCB9RL-100 3P+N 63A 30mA A Type
16A	AC	YCB9RL-100 1P+N 16A 30mA AC Type	YCB9RL-100 3P+N 16A 30mA AC Type
25A	AC	YCB9RL-100 1P+N 25A 30mA AC Type	YCB9RL-100 3P+N 25A 30mA AC Type
32A	AC	YCB9RL-100 1P+N 32A 30mA AC Type	YCB9RL-100 3P+N 32A 30mA AC Type
40A	AC	YCB9RL-100 1P+N 40A 30mA AC Type	YCB9RL-100 3P+N 40A 30mA AC Type
50A	AC	YCB9RL-100 1P+N 50A 30mA A Type	YCB9RL-100 3P+N 50A 30mA A Type
63A	AC	YCB9RL-100 1P+N 63A 30mA AC Type	YCB9RL-100 3P+N 63A 30mA AC Type

		100mA	
		1P+N	3P+N
16A	A	YCB9RL-100 1P+N 16A 100mA A Type	YCB9RL-100 3P+N 16A 100mA A Type
25A	A	YCB9RL-100 1P+N 25A 100mA A Type	YCB9RL-100 3P+N 25A 100mA A Type
32A	A	YCB9RL-100 1P+N 32A 100mA A Type	YCB9RL-100 3P+N 32A 100mA A Type
40A	A	YCB9RL-100 1P+N 40A 100mA A Type	YCB9RL-100 3P+N 40A 100mA A Type
50A	A	YCB9RL-100 1P+N 50A 100mA A Type	YCB9RL-100 3P+N 50A 100mA A Type
63A	A	YCB9RL-100 1P+N 63A 100mA A Type	YCB9RL-100 3P+N 63A 100mA A Type
16A	AC	YCB9RL-100 1P+N 16A 100mA AC Type	YCB9RL-100 3P+N 16A 100mA AC Type
25A	AC	YCB9RL-100 1P+N 25A 100mA AC Type	YCB9RL-100 3P+N 25A 100mA AC Type
32A	AC	YCB9RL-100 1P+N 32A 100mA AC Type	YCB9RL-100 3P+N 32A 100mA AC Type
40A	AC	YCB9RL-100 1P+N 40A 100mA AC Type	YCB9RL-100 3P+N 40A 100mA AC Type
50A	AC	YCB9RL-100 1P+N 50A 100mA A Type	YCB9RL-100 3P+N 50A 100mA A Type
63A	AC	YCB9RL-100 1P+N 63A 100mA AC Type	YCB9RL-100 3P+N 63A 100mA AC Type



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		300mA	
		1P+N	3P+N
16A	A	YCB9RL-100 1P+N 16A 300mA A Type	YCB9RL-100 3P+N 16A 300mA A Type
25A	A	YCB9RL-100 1P+N 25A 300mA A Type	YCB9RL-100 3P+N 25A 300mA A Type
32A	A	YCB9RL-100 1P+N 32A 300mA A Type	YCB9RL-100 3P+N 32A 300mA A Type
40A	A	YCB9RL-100 1P+N 40A 300mA A Type	YCB9RL-100 3P+N 40A 300mA A Type
50A	A	YCB9RL-100 1P+N 50A 300mA A Type	YCB9RL-100 3P+N 50A 300mA A Type
63A	A	YCB9RL-100 1P+N 63A 300mA A Type	YCB9RL-100 3P+N 63A 300mA A Type
16A	AC	YCB9RL-100 1P+N 16A 300mA AC Type	YCB9RL-100 3P+N 16A 300mA AC Type
25A	AC	YCB9RL-100 1P+N 25A 300mA AC Type	YCB9RL-100 3P+N 25A 300mA AC Type
32A	AC	YCB9RL-100 1P+N 32A 300mA AC Type	YCB9RL-100 3P+N 32A 300mA AC Type
40A	AC	YCB9RL-100 1P+N 40A 300mA AC Type	YCB9RL-100 3P+N 40A 300mA AC Type
50A	AC	YCB9RL-100 1P+N 50A 300mA A Type	YCB9RL-100 3P+N 50A 300mA A Type
63A	AC	YCB9RL-100 1P+N 63A 300mA AC Type	YCB9RL-100 3P+N 63A 300mA AC Type



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Indépendant de la tension d'alimentation / <i>Independent of line voltage</i> :	YES
Dépendant de la tension d'alimentation / <i>Dependent of line voltage</i> :	N/A
Tension assignée / <i>Rated voltage U_e</i> : (V)	230V(1P+N);400V(3P+N) neutral on left
Courant assigné / <i>Rated current I_n</i> : (A)	16A; 25A; 32A; 40A; 50A; 63A
Fréquence assignée / <i>Rated frequency</i> : (Hz)	50/60Hz
Courant différentiel de fonctionnement assigné / <i>Rated residual operating current I_{Δn}</i> : (A)	30mA,100mA,300mA
Type :	A and AC
Temporisation :	Without time-delay
Nature du courant / <i>Nature of supply</i> :	~
Nombre total de pôles / <i>Total number of poles</i> :	1P+N ;3P+N
Tension d'isolement assignée / <i>Rated insulation voltage U_i</i> : (V)	415
Tension assignée de tenue aux chocs / <i>Rated impulse withstand voltage U_{imp}</i> : (V)	4000
Température d'utilisation / <i>Utilisation range temperature</i> : (°C)	-25~+40
Pouvoir de fermeture et de coupure assigné / <i>Rated making and breaking capacity I_m</i> : (A)	10In for 50A; 63A 500A for 16A; 25A; 32A; 40A
Pouvoir de fermeture et de coupure différentiel assigné / <i>Rated residual making and breaking capacity I_{Δm}</i> : (A)	10In for 50A; 63A 500A for 16A; 25A; 32A; 40A
Courant conditionnel de court-circuit assigné / <i>Rated conditional short-circuit current I_{nc}</i> : (A)	6000A and 10000A
Courant différentiel conditionnel de court-circuit assigné / <i>Rated conditional residual short-circuit current I_{Δc}</i> : (A)	6000A and 10000A
Dispositif de protection contre les courts-circuits / <i>Short-circuit protection devices</i> :	SCPDs used : silver wire
Distance de grille (essais de court-circuit) / <i>Grid distance (short-circuit tests)</i> :	50mm
Type de protection contre les influences externes / <i>Protection against external influences</i> :	Closed
Degré de protection / <i>Protection degree</i> :	IP20
Groupe de matériau / <i>Material group</i> :	Group IIIa
Méthode de montage / <i>Method of mounting</i> :	on rail
Mode de connexions électriques / <i>Method of electrical connection</i> :	
non associé au dispositif de fixation mécanique / <i>not associated with the mechanical-mounting</i>	YES
associé au dispositif de fixation mécanique / <i>associated with the mechanical-mounting</i>	N/A
Type de bornes / <i>Type of terminals</i> :	Pillar terminal
Diamètre des vis des bornes / <i>Nominal diameter of thread</i> : (mm)	5.9
Mode de commande / <i>Operating means</i> :	Lever



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