



Ref. Certif. No.

FR_716895

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

CB TEST CERTIFICATE

Product

Circuit-breaker
MCB

Name and address of the applicant

GACIA ELECTRICAL APPLIANCE CO.,LTD
No.1 Nanxijiang Road, Daqiao Industrial Zone, Beibaixiang
Town, 325603 YUEQING ZHEJIANG - CHINA

Name and address of the manufacturer

GACIA ELECTRICAL APPLIANCE CO.,LTD
No.1 Nanxijiang Road, Daqiao Industrial Zone, Beibaixiang
Town, 325603 YUEQING ZHEJIANG - CHINA

Name and address of the factory

GACIA ELECTRICAL APPLIANCE CO.,LTD
No.1 Nanxijiang Road, Daqiao Industrial Zone, Beibaixiang
Town, 325603 YUEQING 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)

GACIA

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

ATB5/ATB6-HZ for Icn=4500A
ATB6-LZ/ATB6-Z/ATB6-L for Icn=6000A
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 60898-1:2015 +A1:2019

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

B230011

This CB Test Certificate is issued by the National Certification Body

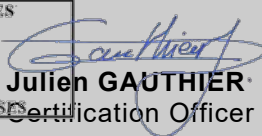


LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 09/05/2023



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

Product References:

ATB6-HZ		1P	1P+N	2P	3P	3P+N	4P
		ICN=4500A					
6A	D	HZ1D0645	HZ1ND0645	HZ2D0645	HZ3D0645	HZ3ND0645	HZ4D0645
10A	D	HZ1D1045	HZ1ND1045	HZ2D1045	HZ3D1045	HZ3ND1045	HZ4D1045
16A	D	HZ1D1645	HZ1ND1645	HZ2D1645	HZ3D1645	HZ3ND1645	HZ4D1645
20A	D	HZ1D2045	HZ1ND2045	HZ2D2045	HZ3D2045	HZ3ND2045	HZ4D2045
25A	D	HZ1D2545	HZ1ND2545	HZ2D2545	HZ3D2545	HZ3ND2545	HZ4D2545
32A	D	HZ1D3245	HZ1ND3245	HZ2D3245	HZ3D3245	HZ3ND3245	HZ4D3245
40A	D	HZ1D4045	HZ1ND4045	HZ2D4045	HZ3D4045	HZ3ND4045	HZ4D4045
50A	D	HZ1D5045	HZ1ND5045	HZ2D5045	HZ3D5045	HZ3ND5045	HZ4D5045
63A	D	HZ1D6345	HZ1ND6345	HZ2D6345	HZ3D6345	HZ3ND6345	HZ4D6345
6A	C	HZ1C0645	HZ1NC0645	HZ2C0645	HZ3C0645	HZ3NC0645	HZ4C0645
10A	C	HZ1C1045	HZ1NC1045	HZ2C1045	HZ3C1045	HZ3NC1045	HZ4C1045
16A	C	HZ1C1645	HZ1NC1645	HZ2C1645	HZ3C1645	HZ3NC1645	HZ4C1645
20A	C	HZ1C2045	HZ1NC2045	HZ2C2045	HZ3C2045	HZ3NC2045	HZ4C2045
25A	C	HZ1C2545	HZ1NC2545	HZ2C2545	HZ3C2545	HZ3NC2545	HZ4C2545
32A	C	HZ1C3245	HZ1NC3245	HZ2C3245	HZ3C3245	HZ3NC3245	HZ4C3245
40A	C	HZ1C4045	HZ1NC4045	HZ2C4045	HZ3C4045	HZ3NC4045	HZ4C4045
50A	C	HZ1C5045	HZ1NC5045	HZ2C5045	HZ3C5045	HZ3NC5045	HZ4C5045
63A	C	HZ1C6345	HZ1NC6345	HZ2C6345	HZ3C6345	HZ3NC6345	HZ4C6345
6A	B	HZ1B0645	HZ1NB0645	HZ2B0645	HZ3B0645	HZ3NB0645	HZ4B0645
10A	B	HZ1B1045	HZ1NB1045	HZ2B1045	HZ3B1045	HZ3NB1045	HZ4B1045
16A	B	HZ1B1645	HZ1NB1645	HZ2B1645	HZ3B1645	HZ3NB1645	HZ4B1645
20A	B	HZ1B2045	HZ1NB2045	HZ2B2045	HZ3B2045	HZ3NB2045	HZ4B2045
25A	B	HZ1B2545	HZ1NB2545	HZ2B2545	HZ3B2545	HZ3NB2545	HZ4B2545
32A	B	HZ1B3245	HZ1NB3245	HZ2B3245	HZ3B3245	HZ3NB3245	HZ4B3245
40A	B	HZ1B4045	HZ1NB4045	HZ2B4045	HZ3B4045	HZ3NB4045	HZ4B4045
50A	B	HZ1B5045	HZ1NB5045	HZ2B5045	HZ3B5045	HZ3NB5045	HZ4B5045
63A	B	HZ1B6345	HZ1NB6345	HZ2B6345	HZ3B6345	HZ3NB6345	HZ4B6345



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

www.lcie.fr

Date: 09/05/2023



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

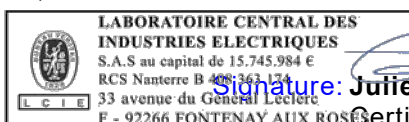
ANNEX

ATB5		1P	1P+N	2P	3P	3P+N	4P
		ICN=4500A					
6A	D	B51D0645	B51ND0645	B52D0645	B53D0645	B53ND0645	B54D0645
10A	D	B51D1045	B51ND1045	B52D1045	B53D1045	B53ND1045	B54D1045
16A	D	B51D1645	B51ND1645	B52D1645	B53D1645	B53ND1645	B54D1645
20A	D	B51D2045	B51ND2045	B52D2045	B53D2045	B53ND2045	B54D2045
25A	D	B51D2545	B51ND2545	B52D2545	B53D2545	B53ND2545	B54D2545
32A	D	B51D3245	B51ND3245	B52D3245	B53D3245	B53ND3245	B54D3245
40A	D	B51D4045	B51ND4045	B52D4045	B53D4045	B53ND4045	B54D4045
50A	D	B51D5045	B51ND5045	B52D5045	B53D5045	B53ND5045	B54D5045
63A	D	B51D6345	B51ND6345	B52D6345	B53D6345	B53ND6345	B54D6345
6A	C	B51C0645	B51NC0645	B52C0645	B53C0645	B53NC0645	B54C0645
10A	C	B51C1045	B51NC1045	B52C1045	B53C1045	B53NC1045	B54C1045
16A	C	B51C1645	B51NC1645	B52C1645	B53C1645	B53NC1645	B54C1645
20A	C	B51C2045	B51NC2045	B52C2045	B53C2045	B53NC2045	B54C2045
25A	C	B51C2545	B51NC2545	B52C2545	B53C2545	B53NC2545	B54C2545
32A	C	B51C3245	B51NC3245	B52C3245	B53C3245	B53NC3245	B54C3245
40A	C	B51C4045	B51NC4045	B52C4045	B53C4045	B53NC4045	B54C4045
50A	C	B51C5045	B51NC5045	B52C5045	B53C5045	B53NC5045	B54C5045
63A	C	B51C6345	B51NC6345	B52C6345	B53C6345	B53NC6345	B54C6345
6A	B	B51B0645	B51NB0645	B52B0645	B53B0645	B53NB0645	B54B0645
10A	B	B51B1045	B51NB1045	B52B1045	B53B1045	B53NB1045	B54B1045
16A	B	B51B1645	B51NB1645	B52B1645	B53B1645	B53NB1645	B54B1645
20A	B	B51B2045	B51NB2045	B52B2045	B53B2045	B53NB2045	B54B2045
25A	B	B51B2545	B51NB2545	B52B2545	B53B2545	B53NB2545	B54B2545
32A	B	B51B3245	B51NB3245	B52B3245	B53B3245	B53NB3245	B54B3245
40A	B	B51B4045	B51NB4045	B52B4045	B53B4045	B53NB4045	B54B4045
50A	B	B51B5045	B51NB5045	B52B5045	B53B5045	B53NB5045	B54B5045
63A	B	B51B6345	B51NB6345	B52B6345	B53B6345	B53NB6345	B54B6345



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

Date: 09/05/2023



Signature: *Julien GAUTHIER*
Certification Officer

ANNEX

ATB6-LZ		1P	1P+N	2P	3P	3P+N	4P
		ICN=6000A					
6A	D	LZ1D0660	LZ1ND0660	LZ2D0660	LZ3D0660	LZ3ND0660	LZ4D0660
10A	D	LZ1D1060	LZ1ND1060	LZ2D1060	LZ3D1060	LZ3ND1060	LZ4D1060
16A	D	LZ1D1660	LZ1ND1660	LZ2D1660	LZ3D1660	LZ3ND1660	LZ4D1660
20A	D	LZ1D2060	LZ1ND2060	LZ2D2060	LZ3D2060	LZ3ND2060	LZ4D2060
25A	D	LZ1D2560	LZ1ND2560	LZ2D2560	LZ3D2560	LZ3ND2560	LZ4D2560
32A	D	LZ1D3260	LZ1ND3260	LZ2D3260	LZ3D3260	LZ3ND3260	LZ4D3260
40A	D	LZ1D4060	LZ1ND4060	LZ2D4060	LZ3D4060	LZ3ND4060	LZ4D4060
50A	D	LZ1D5060	LZ1ND5060	LZ2D5060	LZ3D5060	LZ3ND5060	LZ4D5060
63A	D	LZ1D6360	LZ1ND6360	LZ2D6360	LZ3D6360	LZ3ND6360	LZ4D6360
6A	C	LZ1C0660	LZ1NC0660	LZ2C0660	LZ3C0660	LZ3NC0660	LZ4C0660
10A	C	LZ1C1060	LZ1NC1060	LZ2C1060	LZ3C1060	LZ3NC1060	LZ4C1060
16A	C	LZ1C1660	LZ1NC1660	LZ2C1660	LZ3C1660	LZ3NC1660	LZ4C1660
20A	C	LZ1C2060	LZ1NC2060	LZ2C2060	LZ3C2060	LZ3NC2060	LZ4C2060
25A	C	LZ1C2560	LZ1NC2560	LZ2C2560	LZ3C2560	LZ3NC2560	LZ4C2560
32A	C	LZ1C3260	LZ1NC3260	LZ2C3260	LZ3C3260	LZ3NC3260	LZ4C3260
40A	C	LZ1C4060	LZ1NC4060	LZ2C4060	LZ3C4060	LZ3NC4060	LZ4C4060
50A	C	LZ1C5060	LZ1NC5060	LZ2C5060	LZ3C5060	LZ3NC5060	LZ4C5060
63A	C	LZ1C6360	LZ1NC6360	LZ2C6360	LZ3C6360	LZ3NC6360	LZ4C6360
6A	B	LZ1B0660	LZ1NB0660	LZ2B0660	LZ3B0660	LZ3NB0660	LZ4B0660
10A	B	LZ1B1060	LZ1NB1060	LZ2B1060	LZ3B1060	LZ3NB1060	LZ4B1060
16A	B	LZ1B1660	LZ1NB1660	LZ2B1660	LZ3B1660	LZ3NB1660	LZ4B1660
20A	B	LZ1B2060	LZ1NB2060	LZ2B2060	LZ3B2060	LZ3NB2060	LZ4B2060
25A	B	LZ1B2560	LZ1NB2560	LZ2B2560	LZ3B2560	LZ3NB2560	LZ4B2560
32A	B	LZ1B3260	LZ1NB3260	LZ2B3260	LZ3B3260	LZ3NB3260	LZ4B3260
40A	B	LZ1B4060	LZ1NB4060	LZ2B4060	LZ3B4060	LZ3NB4060	LZ4B4060
50A	B	LZ1B5060	LZ1NB5060	LZ2B5060	LZ3B5060	LZ3NB5060	LZ4B5060
63A	B	LZ1B6360	LZ1NB6360	LZ2B6360	LZ3B6360	LZ3NB6360	LZ4B6360



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

Date: 09/05/2023



LABORATOIRE CENTRAL DES
INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 262 134
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

Signature: *Julien GAUTHIER*
Certification Officer

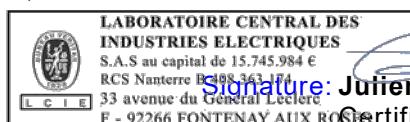
ANNEX

ATB6-Z		1P	1P+N	2P	3P	3P+N	4P
		ICN=6000A					
6A	D	Z1D0660	Z1ND0660	Z2D0660	Z3D0660	Z3ND0660	Z4D0660
10A	D	Z1D1060	Z1ND1060	Z2D1060	Z3D1060	Z3ND1060	Z4D1060
16A	D	Z1D1660	Z1ND1660	Z2D1660	Z3D1660	Z3ND1660	Z4D1660
20A	D	Z1D2060	Z1ND2060	Z2D2060	Z3D2060	Z3ND2060	Z4D2060
25A	D	Z1D2560	Z1ND2560	Z2D2560	Z3D2560	Z3ND2560	Z4D2560
32A	D	Z1D3260	Z1ND3260	Z2D3260	Z3D3260	Z3ND3260	Z4D3260
40A	D	Z1D4060	Z1ND4060	Z2D4060	Z3D4060	Z3ND4060	Z4D4060
50A	D	Z1D5060	Z1ND5060	Z2D5060	Z3D5060	Z3ND5060	Z4D5060
63A	D	Z1D6360	Z1ND6360	Z2D6360	Z3D6360	Z3ND6360	Z4D6360
6A	C	Z1C0660	Z1NC0660	Z2C0660	Z3C0660	Z3NC0660	Z4C0660
10A	C	Z1C1060	Z1NC1060	Z2C1060	Z3C1060	Z3NC1060	Z4C1060
16A	C	Z1C1660	Z1NC1660	Z2C1660	Z3C1660	Z3NC1660	Z4C1660
20A	C	Z1C2060	Z1NC2060	Z2C2060	Z3C2060	Z3NC2060	Z4C2060
25A	C	Z1C2560	Z1NC2560	Z2C2560	Z3C2560	Z3NC2560	Z4C2560
32A	C	Z1C3260	Z1NC3260	Z2C3260	Z3C3260	Z3NC3260	Z4C3260
40A	C	Z1C4060	Z1NC4060	Z2C4060	Z3C4060	Z3NC4060	Z4C4060
50A	C	Z1C5060	Z1NC5060	Z2C5060	Z3C5060	Z3NC5060	Z4C5060
63A	C	Z1C6360	Z1NC6360	Z2C6360	Z3C6360	Z3NC6360	Z4C6360
6A	B	Z1B0660	Z1NB0660	Z2B0660	Z3B0660	Z3NB0660	Z4B0660
10A	B	Z1B1060	Z1NB1060	Z2B1060	Z3B1060	Z3NB1060	Z4B1060
16A	B	Z1B1660	Z1NB1660	Z2B1660	Z3B1660	Z3NB1660	Z4B1660
20A	B	Z1B2060	Z1NB2060	Z2B2060	Z3B2060	Z3NB2060	Z4B2060
25A	B	Z1B2560	Z1NB2560	Z2B2560	Z3B2560	Z3NB2560	Z4B2560
32A	B	Z1B3260	Z1NB3260	Z2B3260	Z3B3260	Z3NB3260	Z4B3260
40A	B	Z1B4060	Z1NB4060	Z2B4060	Z3B4060	Z3NB4060	Z4B4060
50A	B	Z1B5060	Z1NB5060	Z2B5060	Z3B5060	Z3NB5060	Z4B5060
63A	B	Z1B6360	Z1NB6360	Z2B6360	Z3B6360	Z3NB6360	Z4B6360



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

Date: 09/05/2023



Signature: *Julien GAUTHIER*
Certification Officer

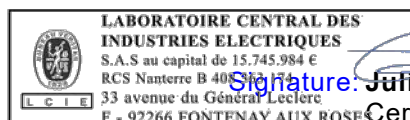
ANNEX

ATB6-L		1P	1P+N	2P	3P	3P+N	4P
		ICN=6000A					
6A	D	L1D0660	L1ND0660	L2D0660	L3D0660	L3ND0660	L4D0660
10A	D	L1D1060	L1ND1060	L2D1060	L3D1060	L3ND1060	L4D1060
16A	D	L1D1660	L1ND1660	L2D1660	L3D1660	L3ND1660	L4D1660
20A	D	L1D2060	L1ND2060	L2D2060	L3D2060	L3ND2060	L4D2060
25A	D	L1D2560	L1ND2560	L2D2560	L3D2560	L3ND2560	L4D2560
32A	D	L1D3260	L1ND3260	L2D3260	L3D3260	L3ND3260	L4D3260
40A	D	L1D4060	L1ND4060	L2D4060	L3D4060	L3ND4060	L4D4060
50A	D	L1D5060	L1ND5060	L2D5060	L3D5060	L3ND5060	L4D5060
63A	D	L1D6360	L1ND6360	L2D6360	L3D6360	L3ND6360	L4D6360
6A	C	L1C0660	L1NC0660	L2C0660	L3C0660	L3NC0660	L4C0660
10A	C	L1C1060	L1NC1060	L2C1060	L3C1060	L3NC1060	L4C1060
16A	C	L1C1660	L1NC1660	L2C1660	L3C1660	L3NC1660	L4C1660
20A	C	L1C2060	L1NC2060	L2C2060	L3C2060	L3NC2060	L4C2060
25A	C	L1C2560	L1NC2560	L2C2560	L3C2560	L3NC2560	L4C2560
32A	C	L1C3260	L1NC3260	L2C3260	L3C3260	L3NC3260	L4C3260
40A	C	L1C4060	L1NC4060	L2C4060	L3C4060	L3NC4060	L4C4060
50A	C	L1C5060	L1NC5060	L2C5060	L3C5060	L3NC5060	L4C5060
63A	C	L1C6360	L1NC6360	L2C6360	L3C6360	L3NC6360	L4C6360
6A	B	L1B0660	L1NB0660	L2B0660	L3B0660	L3NB0660	L4B0660
10A	B	L1B1060	L1NB1060	L2B1060	L3B1060	L3NB1060	L4B1060
16A	B	L1B1660	L1NB1660	L2B1660	L3B1660	L3NB1660	L4B1660
20A	B	L1B2060	L1NB2060	L2B2060	L3B2060	L3NB2060	L4B2060
25A	B	L1B2560	L1NB2560	L2B2560	L3B2560	L3NB2560	L4B2560
32A	B	L1B3260	L1NB3260	L2B3260	L3B3260	L3NB3260	L4B3260
40A	B	L1B4060	L1NB4060	L2B4060	L3B4060	L3NB4060	L4B4060
50A	B	L1B5060	L1NB5060	L2B5060	L3B5060	L3NB5060	L45060
63A	B	L1B6360	L1NB6360	L2B6360	L3B6360	L3NB6360	L4B6360



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

Date: 09/05/2023



Signature: *Julien GAUTHIER*
Certification Officer

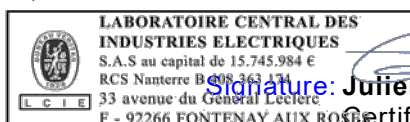
ANNEX

Rated operational voltage U_e : (V)	230/400V~(1P); 230V~(1P+N);400V~(2P/3 P/3P+N/4P)
Rated current I_n : (A)	6;10;16;20;25;32;40;50;63 A
Rated frequency : (Hz)	50/60Hz
Nature of supply :	~
Total number of poles :	1P;1P+N;2P;3P;3P+N;4P
Number of protected poles :	1P,2P,3P,4P
Rated insulation voltage U_i : (V)	415V
Rated impulse withstand voltage U_{imp} : (V)	4000V
Instantaneous tripping current :	D, C and B
Reference ambient calibration air temperature : (°C)	30
Rated short-circuit capacity I_{cn} : (A)	6000A and 4500A
Rated making and breaking capacity on one pole separately I_{cn1} : (A)	6000A and 4500A
Energy limiting class I^2t :	3
Grid distance (short-circuit tests) :	45mm
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	
Type of terminals :	Pillar terminal
Nominal diameter of thread : (mm)	4,8mm
Operating means :	Lever



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

Date: 09/05/2023



Signature: **Julien GAUTHIER**
Certification Officer