

CERTIFICATE

Issued to:
 Applicant:
MAXGE ELECTRIC TECHNOLOGY CO., LTD.
 No.299 East Changhong Road, Wukang Town,
 Deqing County,
 313200 Zhejiang Province, P.R., China

Licensee:
MAXGE ELECTRIC TECHNOLOGY CO., LTD.
 No.299 East Changhong Road, Wukang Town,
 Deqing County,
 313200 Zhejiang Province, P.R., China

Product : Circuit-breakers for overcurrent protection
 Trade name(s) : MAXGE
 Type(s)/model(s) : EPB-63H, EPB-63L, SGB-63H and SGB-63L

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 60898-1:2015, IEC 60898-1:2015/A1:2019 and EN 60898-1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2165673

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 20 June 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-118853

DEKRA Certification B.V.



B.T.M. Holtus
 Managing Director



R Zhou
 Certification Manager

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ACCREDITED BY THE
 DUTCH ACCREDITATION
 COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Circuit-breakers for overcurrent protection
Trade name(s)	: MAXGE
Type(s)/model(s)	: EPB-63H, EPB-63L, SGB-63H and SGB-63L
Rated current (In)	: 1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A
Range of instantaneous tripping current	: B, C and D type
Number of poles	: 1P, 2P, 3P, 4P
Protected poles	: All poles are protected
Rated voltage (Ue)	: 230 / 240 / 400 / 415 Vac for 1P, 400 / 415 Vac for 2P, 3P and 4P
Rated frequency	: 50 / 60 Hz
Grid distance "a" (grid)	: 45 mm
Reference ambient temperature	: +30 °C
Method of mounting	: Flush-type, for mounting on top hat rail 35 mm (EN 50022)
Degree of protection against moisture	: IP20
Connection	: screw type terminals
Markings	: trade name, type designation and electrical ratings are indicated on the body

Product data – type EPB-63H

Rated short-circuit capacity (Icn)	: 10 kA
Rated making and breaking capacity of individual pole (Icn1)	: 10 kA
Rated service short-circuit capacity (Ics)	: 7,5 kA
Energy limiting class	: Class 3 for B, C type

Product data – type EPB-63L

Rated short-circuit capacity (Icn)	: 6 kA
Rated making and breaking capacity of individual pole (Icn1)	: 6 kA
Rated service short-circuit capacity (Ics)	: 6 kA
Energy limiting class	: Class 1 for B, C type

Product data – type SGB-63H

Rated short-circuit capacity (Icn)	: 10 kA
Rated making and breaking capacity of individual pole (Icn1)	: 10 kA
Rated service short-circuit capacity (Ics)	: 7,5 kA
Energy limiting class	: Class 3 for B, C type

Product data – type SGB-63L

Rated short-circuit capacity (Icn)	: 6 kA
Rated making and breaking capacity of individual pole (Icn1)	: 6 kA
Rated service short-circuit capacity (Ics)	: 6 kA
6000 A	: Class 1 for B, C type

ATTESTATION OF CONFORMITY

Issued to: MAXGE ELECTRIC TECHNOLOGY CO., LTD.
 No.299 East Changhong Road, Wukang Town, Deqing County, 313200 Zhejiang Province, P.R., China

For the product: Circuit breakers for overcurrent protection

Trade name: MAXGE

Type/Model: EPB-63H, EPB-63L, SGB-63H, SGB-63L

Ratings: 1P, 2P, 3P, 4P, Ue: 230 / 240 / 400 / 415 Vac for 1P, 400 / 415 Vac for 2P, 3P and 4P, In: 1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A, B, C and D type, 50 / 60 Hz
 All poles are protected, Ics = 7,5 kA, Icn = Icn1 = 10 kA for EPB-63H and SGB-63H, Ics = Icn = Icn1 = 6 kA for EPB-63L and SGB-63L, the grid distance "a": 45 mm
 Energy limiting class 3 for EPB-63H and SGB-63H and class 1 for EPB-63L and SGB-63L of B, C type

Manufactured by: MAXGE ELECTRIC TECHNOLOGY CO., LTD.
 No.299 East Changhong Road, Wukang Town, Deqing County, 313200 Zhejiang Province, P.R., China

Subject: Type Test

Requirements: EN 60898-1:2019, IEC 60898-1:2015, IEC 60898-1:2015/A1:2019

Remark: This Attestation replaces AoC no. 3312600.01A issued on 2018-03-02.

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in report no 3318803.50 issued on 2021-06-10.

This Attestation implies that the examined types are in accordance with the standards designated under the Low voltage directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Wenzhou Zhejiang, 23 June 2021 Number: 3318803.01A

DEKRA Testing Services (Zhejiang) Co., Ltd

Ms J Guo
 Certification Manager



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

CB TEST CERTIFICATE

Product

Circuit-breakers for overcurrent protection

Name and address of the applicant

MAXGE ELECTRIC TECHNOLOGY CO., LTD.
No.299 East Changhong Road, Wukang Town, Deqing County, 313200 Zhejiang Province, P.R.,
China

Name and address of the manufacturer

MAXGE ELECTRIC TECHNOLOGY CO., LTD.
No.299 East Changhong Road, Wukang Town, Deqing County, 313200 Zhejiang Province, P.R.,
China

Name and address of the factory

Note: When more than one factory, please report on page 2

 Additional information on page 2MAXGE ELECTRIC TECHNOLOGY CO., LTD.
No.299 East Changhong Road, Wukang Town, Deqing County, 313200 Zhejiang Province, P.R.,
China

Ratings and principal characteristics

1P, 2P, 3P, 4P

Ue: 230 / 240 / 400 / 415 Vac for 1P, 400 / 415 Vac for 2P, 3P and 4P

In: 1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A

B, C and D type, 50 / 60 Hz, All poles are protected

Ics = 7,5 kA, Icn = Icn1 = 10 kA for EPB-63H and SGB-63H,

Ics = Icn = Icn1 = 6 kA for EPB-63L and SGB-63L

The grid distance "a": 45 mm

Trademark (if any)

MAXGE

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

EPB-63H, EPB-63L, SGB-63H, SGB-63L

Additional information (if necessary may also be reported on page 2)

 Additional information on page 2Energy limiting class 3 for EPB-63H and SGB-63H and class 1 for EPB-63L and SGB-63L of B, C
type according to EN 60898-1:2019.

This certificate replaces CB NL-50438 issued on 2018-02-07.

The tests were performed in 2018 and 2021.

A sample of the product was tested and found to be in conformity with

IEC 60898-1:2015, IEC 60898-1:2015/AMD1:2019

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

3318803.50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051, NL-6825 MJ Arnhem, Netherlands

Date: 2021-06-16

Signature: F.S.Strikwerda



page 1 of 1

ZEICHENGENEHMIGUNG MARKS APPROVAL

MAXGE ELECTRIC TECHNOLOGY
CO., LTD
No. 299 East Changhong Road, Wukang Town
313200 Deqing County
Zhejiang
China

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Leitungsschutzschalter
Circuit-breaker

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 60898-1 (VDE 0641-11):2020-11; EN 60898-1:2019



Aktenzeichen: 5017202-1200-0001 / 305247

File ref.:

Ausweis-Nr. 40049283

Blatt 1

Certificate No.

Page

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2018-12-11

(letzte Änderung / updated 2023-06-16)

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / Certification

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:
VDE certificates are valid only when published on:

<http://www.vde.com/zertifikat>
<http://www.vde.com/certificate>

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

MAXGE ELECTRIC TECHNOLOGY CO., LTD, No. 299 East Changhong Road, Wukang Town, 313200
DEQING COUNTY, Zhejiang, CHINA

Aktenzeichen / *File ref.*

5017202-1200-0001 / 305247 / TL3 / KOH

letzte Änderung / *updated*

2023-06-16

Datum / *Date*

2018-12-11

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40049283.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40049283.

Leitungsschutzschalter *Circuit-breaker*

Typ(en) / *Type(s)*

EPB-63H

EPB-63L

SGB-63H

SGB-63L

Bemessungsspannung
Rated voltage

1P: AC 230/400 V
2P, 3P, 4P: AC 400 V

Bemessungsstrom
Rated current

1 A, 2 A, 4 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A,
63 A

Bemessungsfrequenz
Rated frequency

50/60 Hz

Bemessungsschaltvermögen
Rated making and breaking capacity

EPB-63H / SGB-63H: 10 kA
EPB-63L / SGB-63L: 6 kA

Abstand des Gitterstromkreises
Grid distance

45 mm

Energiebegrenzungsklasse
Energy limiting class

3

Auslösecharakteristik
Instantaneous tripping current

B/C

Anzahl der Pole

einpolig
zweipolig
dreipolig
vierpolig

Number of poles

*single-pole
two-pole
three-pole
four-pole*

Anbringungsart
Attachment type

Tragschienenmontage
DIN Rail mounting

Fortsetzung siehe Blatt 3 /
continued on page 3