CERTIFICATE

Issued to: Applicant:

MAXGE ELECTRIC TECHNOLOGY CO., LTD. No.299 East Changhong Road, Wukang Town, Deging 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-63M, EPB-63N and EPB-63S

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 EN 60898-1:2003, EN 60898-1:2003/A1/2004, EN 60898-1:2003/A11:2005, EN 60898-1:2003/A12:2008 and EN 60898-1:2003/A13:2012
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a 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 of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 23 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-103223

DEKRA Certification B.V.

drs. G.J. Zoetbrood Managing Director Kreny Lin

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-63M, EPB-63N and EPB-63S Rated current (In) : 1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A

Range of instantaneous tripping : B and C

current

Number of poles : 1P, 2P, 3P, 4P Protected poles : All poles are protected

Rated voltage (Ue) : 230 / 400 Vac for 1P, 2P, 3P and 4P

Rated frequency : 50 / 60 HzTemperature limit : $-5 ^{\circ}\text{C} ... + 40 ^{\circ}\text{C}$

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 : IP20

moisture

Connection : screw type terminals

Markings : trade name, type designation and electrical ratings are indicated

on the body

Product data - type EPB-63M

Rated short-circuit capacity (Icn) : 6000 A Rated making and breaking capacity : 6000 A

of individual pole (lcn1)

Rated service short-circuit capacity : 6000 A

(lcs)

Energy limiting class : Class 3

Product data – type EPB-63N

Rated short-circuit capacity (Icn) : 4500 A Rated making and breaking capacity : 4500 A

of individual pole (lcn1)

Rated service short-circuit capacity : 4500 A

(lcs)

Energy limiting class : Class 1

Product data - type EPB-63S

Rated short-circuit capacity (Icn) : 3000 A Rated making and breaking capacity : 3000 A

of individual pole (lcn1)

Rated service short-circuit capacity : 3000 A

(lcs)

Energy limiting class : Class 1

TESTS

Test requirements

EN 60898-1:2003

EN 60898-1:2003/A1:2004 EN 60898-1:2003/A11:2005 EN 60898-1:2003/A12:2008 EN 60898-1:2003/A13:2012

ATTESTATION OF CONFORMITY

Issued to: MAXGE ELECTRIC TECHNOLOGY CO., LTD.

No.299 East Changhong Road, Wukang Town, Deqing Country

313200 Zhejiang Province, P.R. China

For the product: Circuit breakers for overcurrent protection

Trade name: MAXGE

Type/Model: EPB-63M, EPB-63N, EPB-63S

Ratings: 1P, 2P, 3P, 4P

Ue = 230 / 400 V for 1P, 2P, 3P and 4P

50 / 60 Hz, B and C type

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

Ics = Icn = Icn1: 6000 A for EPB-63M, 4500 A for EPB-63N, 3000 A for EPB-63S Energy limiting class: Class 3 for EPB-63M, Class 7 for EPB-63N and EPB-63S

Grid distance "a" = 45 mm

Manufactured by: MAXGE ELECTRIC TECHNOLOGY CO. ATD

No.299 East Changhong Road, Wukang Town, Deging/County,

313200 Zhejiang Province, P.R. China

Subject: Type Test

Requirements: EN 60898-1:2003, EN 60898-1:2003/A1:2004, EN 60898-1:2003/A1:2005,

EN/60898-1:2003/A12:2008, EN/60898-1:2003/A13:2012, /EC/60898-1:2015

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a report no. 3312601.50 issued on 2018-04-04.

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, 25 April 2018 Number: 3312601.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo Certification Manager

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

DEKRA Testing Services (Zhejiang) Co., Ltd.

No. 5, Changjiang Road Great Bridge Industrial Park North Baixiang, Wenzhou, Zhejiang, 325603, P. R. China

T +86577628680 00 F +86577629198 89 www.dekra-certification.com





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

Additional information on page 2

Note: When more than one factory, please report on page 2 MAXGE 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 / 400 V for 1P, 2P, 3P and 4P

50 / 60 Hz

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

B and C type

Ics = Icn = Icn1: 6000 A for EPB-63M, 4500 A for EPB-63N, 3000 A for EPB-63S

grid distance "a" = 45 mm

Trademark (if any) MAXGE

Customer's Testing Facility (CTF) Stage used

Model / Type Ref. EPB-63M, EPB-63N, EPB-63S

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

A sample of the product was tested and found

to be in conformity with

Date: 2018-04-04

As shown in the Test Report Ref. No. which

forms part of this Certificate

Additional information on page 2

IEC 60898-1:2015

3312601.50

This CB Test Certificate is issued by the National Certification Body

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



Signature: H.L. Schendstok (

