

# CERTIFICATE

## FOR EUROPEAN PRODUCT SAFETY

Reference No. SE-S-2002035

### Residual current operated circuit-breaker with integral overcurrent protection (RCBO's)

**Type designation:** SGBRi-10K, SGBRi-6K; EPBRi-10K, EPBRi-6K

**Certificate holder:** MAXGE ELECTRIC TECHNOLOGY CO., LTD.  
No.299 East Changhong Road,  
Deqing Economic zone, Wukang, Deqing,  
Zhejiang, China

**The product complies with the standard(s):** EN 61009-1:2012+A1+A2+A11+A12

**Date of expiry:** 07 August, 2025

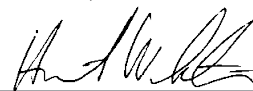
**EU Directive information:** According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix

**Certification Body:** Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

**Signed:**



**Date:** 07 August, 2020

Henrik Wikström

## APPENDIX:

Reference No. SE-S-2002035

### Technical Data:

*Type designation* SGBRi-10K, SGBRi-6K; EPBRi-10K, EPBRi-6K  
*Rated voltage (V)* 230/240V~  
*Rated current (A)* 6, 10, 13, 16, 20, 25, 32, 40A  
*Frequency (Hz)* 50/60Hz  
*Rated Residual Operating Current (mA)* 10mA, 30mA, 100mA, 300mA  
*IP-Class* 20  
*Trademark* **MAXGE**  
*Test Report* 200200793SHA-001  
*Product information* type-A & -AC;  
Ics= 7500A, Icn= 10000A(SGBRi-10K, EPBRi-10K);  
Ics= Icn= 6000A(SGBRi-6K, EPBRi-6K);  
IΔm= 6000A, Energy Limiting class 3

### Manufacturing Sites:

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

This certificate, which includes production control, constitutes sufficient support for an EC Declaration of Conformity and CE marking, according the principle of presumption of conformity, of the products according to Low Voltage Directive 2014/35/EU.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

**Certification Body:** Intertek Semko AB, Product Certification **Place:** Kista - Stockholm

**Signed:**


  
Henrik Wikström


**Date:** 07 August, 2020

# Test Verification of Conformity

Verification Number: 200200793SHA-V1

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	MAXGE ELECTRIC TECHNOLOGY CO., LTD No.299 East Changhong Road, Deqing Economic Zone, Wukang, Deqing, Zhejiang, China
Product Description:	Same as applicant
Ratings & Principle Characteristics:	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's)
Models/Type References:	Un= 230/240V~, 1P+Uninterrupted Neutral; In= 6, 10, 13, 16, 20, 25, 32, 40A, B- & C- type; IΔn= 10, 30, 100, 300mA, type-A & -AC; Ics= 7500A, Icn= 10000A(SGBRi-10K、EPBRi-10K); Ics= Icn= 6000A(SGBRi-6K、EPBRi-6K); IΔm= 6000A, Energy Limiting class 3
Brand Name:	SGBRi-10K, SGBRi-6K ; EPBRi-10K, EPBRi-6K
Relevant Standards:	
Verification Issuing Office Name & Address:	EN 61009-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2016 Low Voltage Directive 2014/35/EU
Date of Tests:	2020-1-3 to 2020-3-3
Test Report Number(s):	200200793SHA-001



## Signature


**Name: Oliver Wei**

**Position: Manager**

**Date: 12 August 2020**

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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

Product	Residual current operated circuit-breaker with integral overcurrent protection (RCBO's)
Name and address of the applicant	MAXGE ELECTRIC TECHNOLOGY CO., LTD. No.299 East Changhong Road Deqing Economic zone, Wukang, Deqing 313200, Zhejiang China
Name and address of the manufacturer	Same as applicant
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	Same as applicant
Ratings and principal characteristics	See page 2
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	SGBRi-10K, SGBRi-6K; EPBRi-10K, EPBRi-6K
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	IEC 61009-1:2010+A1+A2 IEC 61009-2-2:1991
As shown in the Test Report Ref. No. which forms part of this Certificate	200200793SHA-001

This CB Test Certificate is issued by the National Certification Body

**Intertek Semko AB**  
Torshamnsgatan 43  
Box 1103  
SE-164 22 Kista, Sweden

Date: 07 August, 2020



Signature:



Henrik Wikström

**Ratings and principal characteristics**

Un= 230/240V~, 1P+Uninterrupted Neutral  
In= 6, 10, 13, 16, 20, 25, 32, 40A, B- & C- type  
I $\Delta$ n= 10, 30, 100, 300mA, type-A & -AC  
Ics= 7500A, Icn= 10000A (SGBRi-10K, EPBRi-10K)  
Ics= Icn= 6000A (SGBRi-6K, EPBRi-6K)  
I $\Delta$ m= 6000A, Energy Limiting class 3

**Additional information (if necessary)**

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Date: 07 August, 2020

Signature:

