



Intertek

CERTIFICATE

FOR EUROPEAN PRODUCT SAFETY

Reference No. SE-S-2101554

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)

Type designation: SGBR-32M, EPBR-32M, SGBR-32H, EPBR-32H
Certificate holder: MAXGE ELECTRIC TECHNOLOGY CO., LTD.
No.299 East Changhong Road, Deqing Economic Zone,
Zhejiang, CHINA

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

Date of expiry: 23 November, 2026

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:

Leif Mattsson

Date: 23 November, 2021

Test Verification of Conformity

Verification Number: 210601301SHA-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 **CE** 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, Zhejiang, CHINA
Manufacturing site Name & Address:	Same as applicant
Product Description:	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)
Ratings & Principle Characteristics:	$U_n = 230/240V\sim$, 1P+N, 50/60Hz $I_n = 6, 10, 13, 16, 20, 25, 32A$; B-&C-type $I_{\Delta n} = 10, 30, 100, 300mA$; type-A&-AC $I_{\Delta sn} = I_{\Delta sn} = 4500A(SG\text{BR-}32M, EP\text{BR-}32M)$ $I_{\Delta sn} = I_{\Delta sn} = 6000A(SG\text{BR-}32H, EP\text{BR-}32H)$ $I_{\Delta sn} = 2000A$, Energy limiting class 3 SGBR-32M, EPBR-32M, SGBR-32H, EPBR-32H
Models/Type References:	SGBR-32M, EPBR-32M, SGBR-32H, EPBR-32H
Brand Name(s):	MAXGE
Standard(s)/Directive(s):	EN 61009-1:2012+A1:2014+A2:2014+A11:2015+A12:2016 Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of test:	2021-04-25 to 2021-11-18
Test Report Number(s):	210601301SHA-001



Signature

Name: Oliver Wei
Position: Manager
Date: 25 November 2021

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TEST REPORT IEC 61009-1 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) Part 1: General rules	
Report Number.....	210601301SHA-001
Date of issue.....	2021-11-22
Total number of pages	173
Name of Testing Laboratory preparing the Report	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Applicant's name	MAXGE ELECTRIC TECHNOLOGY CO., LTD.
Address.....	No.299 East Changhong Road, Deqing Economic Zone, Zhejiang, CHINA
Test specification:	
Standard	IEC 61009-1:2010+A1:2012+A2:2013 IEC 61009-2-2:1991
Test procedure	CB Scheme
Non-standard test method	N/A
TRF template used.....	IECEE OD-2020-F 1:2021, Ed.1.4
Test Report Form No.....	IEC61009_1G
Test Report Form(s) Originator	OVE
Master TRF	Dated 2021-10-07
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Test item description.....	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)
Trade Mark(s)	MAXGE
Manufacturer	Sam as applicant
Model/Type reference	SGBR-32M, EPBR-32M, SGBR-32H, EPBR-32H
Ratings	$U_n = 230/240V\sim$, 1P+N $I_n = 6, 10, 13, 16, 20, 25, 32A$