



Ref. Certif. No.

HU-002197

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

CB TEST CERTIFICATE

Product

Thermal overload relay

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

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

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

Ratings and principal characteristics

AC 415V, 3P, Ith:32A, Ui:690V, Uimp:6kV, Ir=Iq=3kA,
Trip class:10A
(for further ratings refer to page 2 of this
Certificate)

Trademark (if any)

MAXGE

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

SGR2-D series
(for model variants refer to page 2 of this
Certificate)

**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 60947-4-1:2009 + AMD1:2012
IEC 60947-5-1:2016

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

1W170594

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

Date: 2018-04-17

TÜV Rheinland InterCert Kft., Division MEEI
H-1132 Budapest, Váci út 48/A-B
www.tuv.hu

Signature:

Gabor Kassai



Product data – type SGR2-Dxyz

Number of poles	3P
Conventional free air thermal current (I _{th})	32A
Rated Operational Voltage (U _e)	AC415V, 50/60Hz
Rated Operational Current (I _e) / The Adjusting Current:	
z=53: 32A/23-32A;	z=22: 25A/17-25A;
z=21: 18A/12-18A;	z=16: 13A/9-13A;
z=14: 10A/7-10A;	z=12: 8A/5,5-8A;
z=10: 6A/4-6A;	z=08: 4A/2,5-4A;
z=07: 2,5A/1,6-2,5A;	z=X6: 2A/1,25-2A;
z=06: 1,6A/1-1,6A;	z=05: 1A/0,63-1A;
z=04: 0,63A/0,4-0,63A;	z=03: 0,4A/0,25-0,4A;
z=02: 0,25A/0,16-0,25A;	z=01: 0,16A/0,1-0,16A
Trip Class	Class 10A
Rated insulation voltage (U _i)	690V
Rated impulse withstand voltage(U _{imp})	6,0kV
Conditional short-circuit current	I _r =I _q =3,0kA
IP code	IP20
Pollution degree	3
Auxiliary circuit:	
Contact form	1NO, 1NC
Conventional thermal current (I _{th})	5A
Utilization category	AC-15
Operational voltage (U _e)	415VAC
Operational current (I _e)	2A

Type designation: SGR2-Dxyz

x stands for AC contactor to be used with thermal overload relay, x=1(when z≠53); x=2(when only z=53);

y=3 stands for trip class: 10A;

z stands for adjustable setting:

01: 0,01-0,16A; 02: 0,16-0,25A; 03: 0,25-0,40A; 04: 0,25-0,40A; 05: 0,63-1,0A; 06: 1,0-1,6A; X6: 1,25-2,0A; 07: 1,6-2,5A; 08: 2,5-4,0A; 10: 4,0-6,0A; 12: 5,5-8,0A; 14: 7,0-10,0A; 16: 9,0-13,0A; 21: 12,0-18,0A; 22: 17,0-25,0A; 53: 23,0-32,0A

Additional information (if necessary)



TÜVRheinland®

Date: 2018-04-17

TÜV Rheinland InterCert Kft., Division MEEI
H-1132 Budapest, Váci út 48/A-B
www.tuv.hu

Signature:



Gabor Kassai