



Ref. Certif. No.

FR_721255

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

CB TEST CERTIFICATE

Product

Motor-starter

Motor protective switching device (MPSD)

Name and address of the applicant

MAXGE ELECTRIC TECHNOLOGY CO.,LTD

NO. 299 EAST CHANGHONG ROAD, DEQING ECONOMIC DEVELOPMENT ZONE, WUKANG DEQING - CHINA

Name and address of the manufacturer

MAXGE ELECTRIC TECHNOLOGY CO.,LTD

NO. 299 EAST CHANGHONG ROAD, DEQING ECONOMIC DEVELOPMENT ZONE, WUKANG DEQING - CHINA

Name and address of the factory

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

☒ Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)

MAXGE

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

SGV2-ME Series and SGV2-PM Series
See Annex

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

☐ Additional Information on page 2

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

IEC 60947-1:2020
IEC 60947-4-1:2023

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

B240124

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 11/04/2025

Signature: 
Julien GAUTHIER
Certification Officer



ANNEX

Name and address of the factories:

MAXGE ELECTRIC TECHNOLOGY CO.,LTD
NO. 299 EAST CHANGHONG ROAD, DEQING ECONOMIC DEVELOPMENT ZONE, WUKANG DEQING – CHINA

MAXGE ELECTRIC(WUHU)CO.,LTD
NO.13-2,JIUZI AVENUE,ANHUI XINHU ECONOMIC DEVELOPMENT ZONE,WANZHI DISTRICT, WUHU CITY, ANHUI PROVINCE PC:241100 - CHINA

References, ratings and main characteristics:

Utilization category	AC-3
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Dependent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Protection degree :	IP20 for front cover
Rated operational voltage U_e : (V)	380/400/415V~
Rated insulation voltage U_i : (V)	690V
Rated impulse withstand voltage U_{imp} : (V)	6kV
Rated current I_e : (A)	0,1A to 32A(Current setting range see next pages)
Conventional free air thermal current I_{th} : (A)	32A
Conventional enclosed thermal current I_{the} : (A)	N/A
Rated frequency : (Hz)	50/60Hz
Nature of supply :	AC
Number of protected poles :	3P
Rated short-time making capacity I_{cm} : (A)	7,65kA (SGV2-ME32, SGV2-PM32) 30kA (SGV2-ME16 to SGV2-ME22, SGV2-PM16 to SGV2-PM22) 220kA (SGV2-ME01 to SGV2-ME14, SGV2-PM01 to SGV2-PM14)
Rated ultimate short-circuit breaking capacity I_{cu} : (A)	10kA (SGV2-ME32, SGV2-PM32) 15kA (SGV2-ME16 to SGV2-ME22, SGV2-PM16 to SGV2-PM22) 100kA (SGV2-ME01 to SGV2-ME14, SGV2-PM01 to SGV2-PM14)
Rated service short-circuit breaking capacity I_{cs} : (A)	5kA (SGV2-ME32, SGV2-PM32) 6kA (SGV2-ME21 to SGV2-ME22, SGV2-PM21 to SGV2-PM22) 7,5kA (SGV2-ME16 to SGV2-ME20, SGV2-PM16 to SGV2-PM20) 100kA (SGV2-ME01 to SGV2-ME14, SGV2-PM01 to SGV2-PM14)
Electrmagnetic compatibility	N/A
Instantaneous tripping current :	See next page
Pollution degree	3
Material group :	IIIa
safety distance (short-circuit tests) :	Back:0mm Front:0mm; Top:50mm Bottom:50mm; Left:0mm Right:0mm



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ANNEX

Product reference list:

Reference No.	Current setting (Ie)	Ii	Ics	Icu
SGV2-ME01	0,1A to 0,16A	1,5A	100kA	100kA
SGV2-ME02	0,16A to 0,25A	2,4A		
SGV2-ME03	0,25A to 0,40A	5A		
SGV2-ME04	0,40A to 0,63A	8A		
SGV2-ME05	0,63A to 1A	13A		
SGV2-ME06	1A to 1,6A	22,5A		
SGV2-ME07	1,6A to 2,5A	33,5A		
SGV2-ME10	2,5A to 4A	51A		
SGV2-ME12	4A to 6,3A	78A		
SGV2-ME14	6A to 10A	138A		
SGV2-ME16	9A to 14A	170A	7,5kA	15kA
SGV2-ME20	13A to 18A	223A		
SGV2-ME21	17A to 23A	327A	6kA	
SGV2-ME22	20A to 25A	327A		
SGV2-ME32	24A to 32A	416A	5kA	10kA

Reference No.	Current setting (Ie)	Ii	Ics	Icu
SGV2-PM01	0,1A to 0,16A	1,5A	100kA	100kA
SGV2-PM02	0,16A to 0,25A	2,4A		
SGV2-PM03	0,25A to 0,40A	5A		
SGV2-PM04	0,40A to 0,63A	8A		
SGV2-PM05	0,63A to 1A	13A		
SGV2-PM06	1A to 1,6A	22,5A		
SGV2-PM07	1,6A to 2,5A	33,5A		
SGV2-PM10	2,5A to 4A	51A		
SGV2-PM12	4A to 6,3A	78A		
SGV2-PM14	6A to 10A	138A		
SGV2-PM16	9A to 14A	170A	7,5kA	15kA
SGV2-PM20	13A to 18A	223A		
SGV2-PM21	17A to 23A	327A	6kA	
SGV2-PM22	20A to 25A	327A		
SGV2-PM32	24A to 32A	416A	5kA	10kA



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