

# TEST CERTIFICATE



Test Certificate No. : SIRIM-2021/MG/00001

Name and address of applicant

MAXGUARD SWITCHGEAR SDN. BHD.  
NO. 8, JALAN ANGGERIK MOKARA 31/47, KOTA KEMUNING  
40460 SHAH ALAM, SELANGOR, MALAYSIA

Name and address of factory

ZHEJIANG SOHOGER ELECTRIC CO., LTD.  
G-BUILDING YUESHANG AN ENTREPRENEURSHIP PARK,  
YUEQING, ZHEJIANG 325604, P.R. CHINA

Product

SURGE PROTECTIVE DEVICE

Trademark

MAXGUARD

Model/Size

EL1C40-275 1P / EL1C40-275 1P+N / EL1C40-275 2P /  
EL1C40-275 2P+N / EL1C40-275 3P / EL1C40-275 3P+N /  
EL1C40-275 4P

Ratings

Nominal discharge current(In): 20kA;  
Max. continuous operation voltage (Uc): 275Vac(L-N or L-PE),  
255Vac(N-PE);  
Voltage protect level (Up): 1.5kV; Modes of protection: L-N or L-PE,  
N-PE; IP code: IP20; TN, TT or IT; Short-circuit current rating(Isccr):  
800A; -40°C to +70°C / 45% to 75% / 2000m

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

IEC 61643-11:2011

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

CB Test Certificate : HU-002898 (29.04.2020)  
CB Test Report : 19112518D (18.03.2020)

This Test Certificate is issued by :



Electrical & Electronic Certification and Inspection Section  
Product Certification and Inspection Department  
SIRIM QAS International Sdn. Bhd.  
SIRIM Complex, No. 1, Persiaran Dato' Menteri, Section 2,  
P.O Box 7035, 40700 Shah Alam, Selangor, Malaysia

Date of issue: 20 April 2021

Signature:

Ariza Mohd Yusof  
Head  
Electrical & Electronic Certification and  
Inspection Section

# TEST CERTIFICATE



Test Certificate No. : SIRIM-2021/MG/00002

Name and address of applicant

MAXGUARD SWITCHGEAR SDN. BHD.  
NO. 8, JALAN ANGGERIK MOKARA 31/47, KOTA KEMUNING  
40460 SHAH ALAM, SELANGOR, MALAYSIA

Name and address of factory

WENZHOU BRITEC ELECTRIC CO., LTD.  
BLOCK 1, BOTONGHUIGU INDUSTRIAL PARK,  
YUEQING, ZHEJIANG, P.R. CHINA

Product

SURGE PROTECTIVE DEVICE

Trademark

MAXGUARD

Model/Size

1) MY2-40MAX series  
2) MY-20M series  
3) MY3-65MAX series

Ratings

1) and 2) :  
In: 20 kA, I<sub>max</sub>: 40 kA, U<sub>p</sub>: 1.5 kV  
Modes of protection: L-N, L-PE, N-PE  
I<sub>scrr</sub>: 25 kA  
  
3) :  
In: 20 kA, I<sub>max</sub>: 65 kA, I<sub>n(N-PE)</sub> : 50kA, I<sub>max(N-PE)</sub> : 100kA, U<sub>p</sub>: 1.5 kV  
Modes of protection: L-N, L-PE, N-PE  
I<sub>scrr</sub>: 25 kA

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

IEC 61643-11:2011

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

1) and 2) :  
CB Test Certificate : HU-003340 (12.04.2021)  
CB Test Report : CN21J4Z2 001 (18.03.2021)  
  
3) :  
CB Test Certificate : HU-003341 (12.04.2021)  
CB Test Report : CN21S3XW 001 (18.03.2021)

This Test Certificate is issued by :



Electrical & Electronic Certification and Inspection Section  
Product Certification and Inspection Department  
SIRIM QAS International Sdn. Bhd.  
SIRIM Complex, No. 1, Persiaran Dato' Menteri, Section 2,  
P.O Box 7035, 40700 Shah Alam, Selangor, Malaysia

Signature:

Ariza Mohd Yusof  
Head  
Electrical & Electronic Certification and  
Inspection Section

Date of issue: 27 April 2021