



# CERTIFICATE

## FOR EUROPEAN PRODUCT SAFETY

Reference No. SE-S-2500117

### Arc Fault Detection Devices (AFDDs)

**Type designation:**

SGB-40MAFD, SGB-40HAFD, EPB-40MAFD,  
EPB-40HAFD ALB-40MAFD, ALB-40HAFD

**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 60898-1:2019  
EN 62606:2013 +A1

**Date of expiry:**

17 February, 2030

**EU Directive information:**

The product listed has been evaluated by a Third-Party Body and deemed to meet the listed harmonized standard(s). This Certificate can be used in support of a claim in meeting relevant EU legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Additional information in Appendix

**Certification Body:**

Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

**Signed:**

**Date:** 17 February, 2025

Quan Li

This Certificate 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 Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. 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. This certificate is not issued under accreditation, by a non-approved body.

## APPENDIX:

Reference No. SE-S-2500117

### Technical Data:

Type designation

SGB-40MAFD, SGB-40HAFD, EPB-40MAFD,  
EPB-40HAFD ALB-40MAFD, ALB-40HAFD

Rated voltage (V)

230/240V~

Rated current (A)

6, 10, 13, 16, 20, 25, 32, 40A

Frequency (Hz)

50Hz

IP-Class

20

Poles No.

1P+N

Trademark

**MAXGE**

Test Report

2411B1048SHA-001, -002

Product information

B- & C- Type

SGB-40MAFD, EPB-40MAFD, ALB-40MAFD: I<sub>cn</sub>=I<sub>cs</sub>=6000A

SGB-40HAFD, EPB-40HAFD, ALB-40HAFD: I<sub>cn</sub>=10000A, I<sub>cs</sub>=7500A

Energy Limiting class 3 (I<sub>cs</sub>=6kA & I<sub>cn</sub>=10kA)

Unprotected switched neutral

### Manufacturing Sites:

MAXGE ELECTRIC TECHNOLOGY CO., LTD.

No.299 East Changhong Road, Deqing Economic zone,  
Wukang, Deqing, Zhejiang, China

### Certification Body:

Intertek Semko AB, Product Certification

### Place:

Kista - Stockholm

### Signed:



### Date:

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