



**SIRIM QAS International Sdn.Bhd.**  
(Company No.: 199601037981 (410334-X))

No.1, Persiaran Dato' Menteri, P.O.BOX 7035, Section 2,  
40700 Shah Alam, Selangor Darul Ehsan, Malaysia  
Tel: 03-55446253 / 55446252 Fax: 03-55446272  
www.sirim-qas.com.my

### TEST REPORT

REPORT NO.: 2020EA1432

PAGE : 1 OF 6

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Chief Executive Officer, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.

#### THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : ADVANCE LIGHTNING SURGE SDN. BHD.  
NO. 15, JALAN LP8/16 TAMAN LESTARI PERDANA 8,  
43300, SERI KEMBANGAN,  
SELANGOR, MALAYSIA.

Manufacturer : ADVANCE LIGHTNING SURGE SDN. BHD.  
NO. 15, JALAN LP8/16 TAMAN LESTARI PERDANA 8,  
43300, SERI KEMBANGAN,  
SELANGOR, MALAYSIA.

Product : ADVANCE LIGHTNING SURGE FIRE

Reference Standard / Method of Test : MANUFACTURER SPECIFICATION  
(To test leakage current 60 mA)

Description of Sample : Brand : ALSF  
Model / Type : 3000  
Rating : 63A  
Capacity

Date Received of Complete Application : 21 OCTOBER 2020

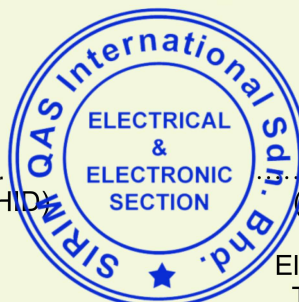
Job No./Ref. No. : J20201421342

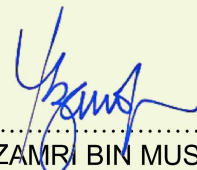
Overall Test Result : **COMPLIED** (See page 2 for details)

Issued Date : 19 NOVEMBER 2020

Approved Signatory,

  
.....  
(DANIAL NAIM BIN MAT RASHID)  
Testing Executive



  
.....  
(M. ZAMRI BIN MUSTAFFA)  
Head  
Electrical & Electronic 1 Section  
Testing Services Department

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Chief Executive Officer, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.

### **SUMMARY OF TEST(S):**

1. This test report was issued based on applicant requirement.
2. The samples submitted for testing has been checked in accordance with Manufacturer Specification.
3. Unless otherwise specified, tests were conducted at ambient temperature of  $20 \pm 5$  ° C.
4. The abbreviation used in this test report denotes as follows:

**Pass** – Complied with the requirement  
**NA** – Not applicable with the requirement  
**Fail** – Did not comply with the requirement

### **SUMMARY OF RESULT/S:**

1. The submitted test samples as described in this test report complied with the requirements of Manufacturer Specification.

### **ADDITIONAL INFORMATION:**

1. Tested by: Mohd Ishar bin Abdul Hamed
2. Checked by: Danial Naim Bin Mat Rashid
3. Date of test sample(s) received;
  - a) 1<sup>st</sup> submission: 21 OCTOBER 2020



--	--	--

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Chief Executive Officer, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.

Clause	Requirement – Test	Result - Remark	Verdict
	<b>Single Phase</b>		
	<b>Tests</b>		
<b>1</b>	<b>Verification of operating characteristic</b>		
	The device shall install as in normal use.		-
	The leakage current was set at 60mA		-
	- maximum break time (ms) at: 60 mA .....	D1 – 21ms D2 – 21ms D3 – 21ms	Pass
	No value exceeds the relevant specified limiting value		Pass

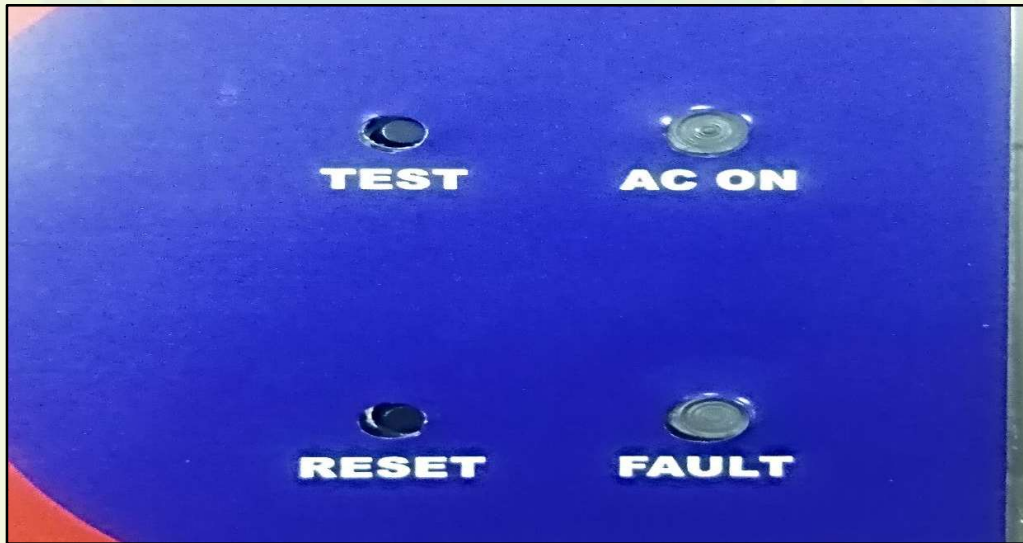
Clause	Requirement – Test	Result - Remark	Verdict
	<b>Three Phase</b>		
	<b>Tests</b>		
<b>1</b>	<b>Verification of operating characteristic</b>		
	The device shall install as in normal use.		-
	The leakage current was set at 60mA		-
	- maximum break time (ms) at: 60 mA .....	D1 – 20ms D2 – 20ms D3 – 20ms	Pass
	No value exceeds the relevant specified limiting value		Pass



--	--	--

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Chief Executive Officer, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.

**PHOTOGRAPH(S) OF TEST SAMPLE(S)**



--	--	--