

Client's Name : IPIXA Security Ltd  
Client's Address : IPIXA Trading FZCO  
Wing A, Office 107-01,  
Silicon Oasis HQ, Dubai, UAE  
Contact person (if required) : Jisha Asok

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample description : Emergency Door Release with Enclosure (IP65)  
Buyer Name : N/A  
Test Standard : IEC 60529: Edition 2.2 2013-08  
Model Name : EFS1101.OD  
Serial Number : N/A  
Ratings : 36V DC,3A, W 87.65mm, L 89.65mm, H 54.90mm  
Country of Origin : United Kingdom  
Country of Destination : N/A  
Sample Receiving Date : 12-09-2022  
Testing Period : 13-09-2022 to 15-09-2022  
Test Performed : Selected test(s) as requested by applicant

**Conclusion:**

The product complies with the test requirements performed as per IP65 of IEC 60529.

**Possible Test Case Verdicts:**

*N/A =test case does not apply to the test object*  
*N/C =test case does not conduct to the test object*  
*P (Pass)=test object does meet the requirement*  
*F (Fail)=test object does not meet the requirement*

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

Note:

*Outsourced/Sub-contracted to an 17025 accredited third-party laboratory in UAE.* This is a reissued report of test report no: 53408-1 Dated 21 Sep 2022.

The test results presented in this report relate only to the object tested.

This report shall not be reproduced in partial/full, without the written approval of the Issuing testing laboratory.

"(See Enclosure#)" refers to additional information appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator

Laboratory Temperature=23±2°C

Signed for and on behalf of  
SGS Gulf Limited



**John Thomas**  
Operations Manager



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

IEC 60529			
Clause	Requirement - Test	Result -Remark	Verdict
<b>11</b>	<b>GENERAL REQUIREMENTS FOR TESTS:</b>		<b>P</b>
11.1	Atmospheric conditions for water or dust tests	25°C, 60% RH At 90kPa	P
<b>12</b>	<b>TESTS FOR PROTECTION AGAINST ACCESS TO HAZARDOUS PARTS INDICATED BY THE FIRST CHARACTERISTIC NUMERAL:</b>		<b>P</b>
12.1	<b>Access probes:</b>		P
IP6X	The test wire of 1,0mm 100mm long shall not penetrate and adequate clearance shall be kept		P
12.3	<b>Acceptance conditions:</b>		<b>P</b>
	The protection is satisfactory if adequate clearance is kept between the access probe and hazardous parts.		P
	For the test of first characteristic numeral 1, the access probe 50 mm diameter shall not completely pass through the opening.	IP1X	N/A
	For the test of first characteristic numeral 2, the jointed test finger may penetrate to its 80 mm length, but the stop face (Φ 50 mm x 20 mm) shall not pass through the opening.	IP2X	N/A
	both joints of the test finger shall be successively bent		N/A
12.3.1	<b>For low-voltage equipment (rated voltages not exceeding 1000V a.c. and 1500 Vd.c.):</b>		<b>P</b>
	The access probe shall not touch hazardous live parts.	SELV	P
12.3.3	<b>For equipment with hazardous mechanical parts:</b>		N/A
	The access probe shall not touch hazardous mechanical parts.		N/A
<b>13</b>	<b>TESTS FOR PROTECTION AGAINST SOLID FOREIGN OBJECTS INDICATED BY THE FIRST CHARACTERISTIC NUMERAL:</b>		<b>P</b>

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

13.2	The object probe is pushed against any openings of the enclosure with the force specified in table 7.			N/A
	First Numeral	Test means	Test Force	-
	0	No test required	-	IP0X
	1	Rigid sphere 50.0mm $\Phi$	50N	IP1X
	2	Rigid sphere 12.5mm $\Phi$	30N	IP2X
	3	Rigid steel rod 2.5mm $\Phi$	3N	IP3X
	4	Rigid steel rod 1.5mm $\Phi$	1N	IP4X
	5	Dust chamber fig.2	-	IP5X
	6	Dust chamber fig.2	-	IP6X
13.3	<b>Acceptance conditions for first characteristic numerals 1,2,3,4:</b>			N/A
	The protection is satisfactory if the full diameter of the probe specified in table 7 does not pass through any opening.			N/A
13.5	<b>Special conditions for first characteristic numeral 5:</b>			N/A
13.5.2	The protection is satisfactory if, on inspection, talcum powder has not accumulated in a quantity or location.			N/A
13.6	<b>Special conditions for first characteristic numeral 6:</b>			P
13.6.1	<b>Test conditions for first characteristic numeral 6:</b>			P
	The enclosure shall be deemed category 1, whether reductions in pressure below the atmospheric pressure are present or not.			P
13.6.2	<b>Acceptance conditions for first characteristic numeral 6:</b>			P
	The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.		No dust entered inside enclosure	P
<b>14</b>	<b>TESTS FOR PROTECTION AGAINST WATER INDICATED BY THE SECOND CHARACTERISTIC NUMERAL:</b>			<b>P</b>
14.2.1	The test is made with a device which produces a uniform flow of water drops over the whole area of the enclosure.		IPX1	N/A
	The duration of test is 10 min.			
14.2.2	The dripping device is the same as specified in 14.2.1 adjusted to provide the water flow rate specified in table 8.		IPX2	N/A

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

	The enclosure is tested for 2,5 min in each of four fixed positions of tilt		
	The total duration of test is 10 min.		
14.2.3	The test is made using one of the two test devices described in figure 4 and in figure 5 in accordance with the relevant product standard.	IPX3	N/A
	a) Using the test device as in figure 4 (oscillating tube):		
	b) Using the test device as in figure 5 (spray nozzle):		
14.2.4	The test is made using one of the two test devices described in figure 4 and in figure 5 in accordance with the relevant product standard	IPX4	N/A
	a) Using the test device as in figure 4 (oscillating tube):		
	b) Using the test device as in figure 5 (spray nozzle):		
14.2.5	<b>Test for second characteristic numeral 5 with the 6,3 mm nozzle:</b>		<b>P</b>
	The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as shown in figure 6.	IPX5	P
	- test duration per square meter of enclosure surface area likely to be sprayed: 1 min;		
	- minimum test duration: 3 min;		
	- distance from nozzle to enclosure surface: between 2,5 m and 3 m.		
14.2.6	<b>Test for second characteristic numeral 6 with the 12,5 mm nozzle:</b>		<b>N/A</b>
	The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as shown in figure 6.	IPX6	N/A
	- test duration per square metre of enclosure surface area likely to be sprayed: 1 min;		
	- minimum test duration: 3 min;		
	- distance from nozzle to enclosure surface: between 2,5 m and 3 m.		
14.2.7	<b>Test for second characteristic numeral 7: temporary immersion between 0,15 m and 1 m</b>		<b>N/A</b>
	The test is made by completely immersing the enclosure in water in its service position as	IPX7	N/A

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

	specified by the manufacturer so that the following conditions are satisfied:		
	- the lowest point of enclosures with a height less than 850 mm is located 1000 mm below the surface of the water		N/A
	- the highest point of enclosures with a height equal to or greater than 850 mm is located 150 mm below the surface of the water		
	- the duration of the test is 30 min;		
	- the water temperature does not differ from that of the equipment by more than 5 K.		
14.3	<b>Acceptance conditions:</b>		<b>P</b>
	In general, if any water has entered, it shall not:		P
	- be sufficient to interfere with the correct operation of the equipment or impair safety;		P
	- deposit on insulation parts where it could lead to tracking along the creepage distances;		P

<b>COUNTRY</b>	<b>ESSENTIAL REQUIREMENTS:</b>		<b>P</b>
	Country of Origin:	UNITED KINGDOM	P
	Instruction Manual:		P

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

### PHOTOGRAPH OF TEST OBJECT:

Before test object:



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

Under Test Item :



After test Item:



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.



Test Report No: 40116988-B

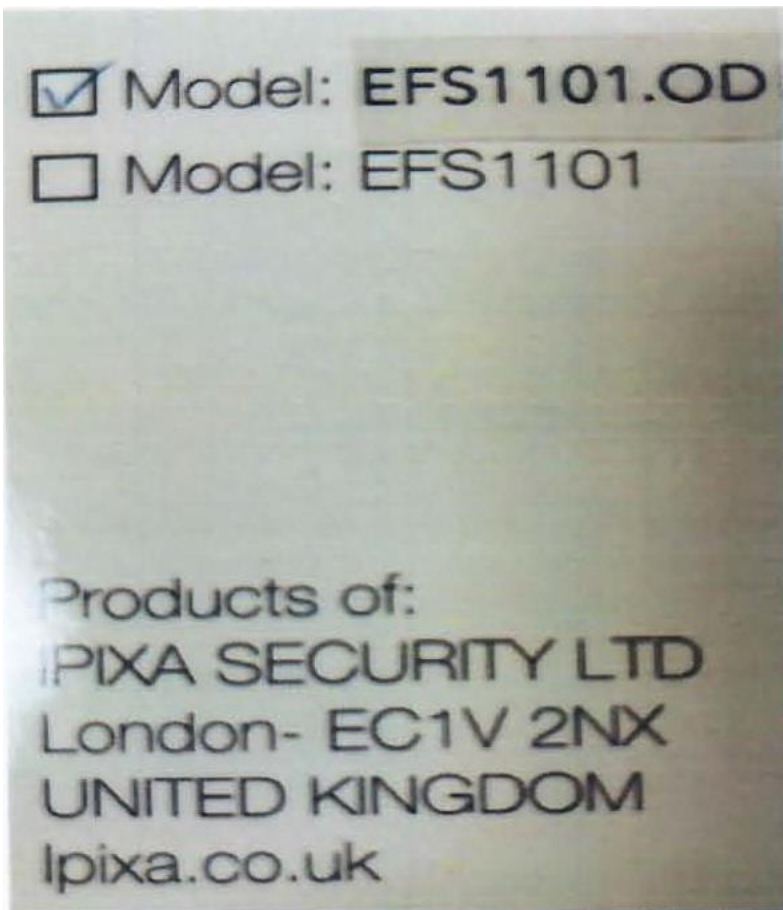
Date : 21-09-2022

Page 9 of 9

Copy of Marking Plate:



External:



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30days only. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.