Reliability Laboratory

TEST REPORT

報告號碼： HC90225/2020
頁數： 1 of 5
日期： October 19, 2020

創造力有限公司
新北市板橋區雙十路二段 50 號 5 樓 B 室

以下產品由客戶提供並確認規格如下：

產品名稱： 腳踏開關
產品型號/ 編號： HFS-511A/ No.1
生產或供應廠商： 創造力有限公司
原產國： 台灣
數量： 共 1 件
測試執行日期: Oct. 5, 2020 to Oct. 7, 2020
備註： (客戶宣告) 型號 HFS-511A、HFS-511M、HFS-512A 與 HFS-512M 使用相同尺寸和結構的外殼。

我們依照客戶要求，根據客戶送交之樣品進行測試，結果如下：
委託測試要求：外殼保護程度試驗 (IEC 60529 Edition 2.2: 2013)

IP 碼	IPX8
第一數字碼	省略無表示
第二數字碼	防水保護等級

測試結果：

結論
送測樣品經過測試符合 IEC 60529 Edition 2.2: 2013 外殼保護程度試驗--IPX8 試驗要求及合格判定準則。測試結果之詳細說明如附頁所示。

Signed for and on behalf of SGS TAIWAN Ltd.

王進益

王進益
組長

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外殼保護程度試驗：

試驗設備：

名稱	廠牌	型號	序號
IPX7/IPX8 防水試驗水槽	Self-made	SGS-ETR-030201	ETR000001
數位式電表	Fluke	115	18961911

實驗室環境條件：

環境溫度： (15 ~ 35)℃

環境濕度： (25 ~ 75) % RH

試驗場址： 新北市五股區(新北產業園區)五權路 33 號

試驗方法/規格：

試驗規範： IEC 60529 Edition 2.2: 2013--IPX8

樣品狀態： 非操作狀態

試驗方法： 樣品依客戶所指定之正常使用狀態，完全浸沒於水中，樣品之最低端在水面下 1000 mm 之位置

試驗時間： 48 小時

試驗裝置： 如照片 3, 4 所示

- 試驗後檢查待測物外殼之內部是否有進水之情形及功能檢查。
- 功能檢查：將樣品連接電表並按壓開關，檢查樣品導通功能是否正常。

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代測樣品：
型號/編號： HFS-511A/ No.1
數量： 共 1 件

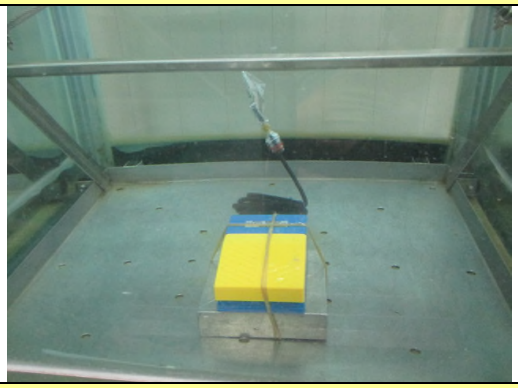
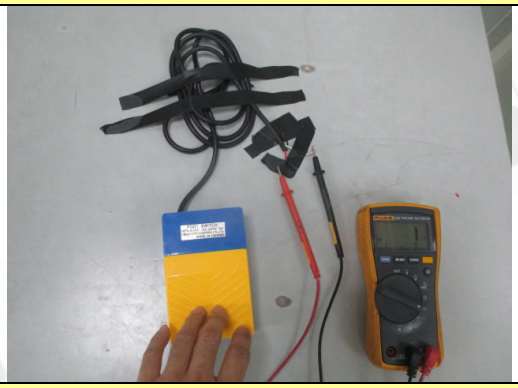
測試結果：
防水保護等級(IPX8)

試驗結果		
檢查項目		樣品型號/ 編號
		HFS-511A/ No.1
1	待測物外殼之內部是否有進水情形？	是(照片 7~ 10)
2	(續 1) 電線或電氣元件附近是否有水滯留？	否
2.1	(續 2) 外殼內部浸水時，是否足以阻礙內部器具正常動作及安全之虞？	N/A
2.2	(續 2.1) 是否於沿面距離之絕緣物表面附著有產生電弧軌跡之虞的水分？	N/A
2.3	(續 2.2) 導致未被設計為在潮濕情形下可運轉之帶電部或繞組受潮？	N/A
3	功能檢查	正常

註 1：N/A 表示不適用
註 2：上述檢查項目係參考 IEC 60529 Edition 2.2: 2013 試驗要求並依照客戶提供之判定準則實施。

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試驗照片：

	
1. 樣品外觀	2. 樣品外觀
	
3. 防水保護試驗	4. 防水保護試驗
	
5. 功能檢查	6. 功能檢查

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