

# 精进实业有限公司

# SEE — PLUS INDUSTRIAL LTD.

# <u>SPECIFICATION</u>

RoHS Compliance

客户	
CUSTOMER:	
品 种	
ITEM NAME:	ROCKER SWITCH
型 号	
PART NO.:	RL3-113-G-6-BK/BK-P5
客 户 型号	
CUSTOMER PART	NO.:

设计人	设计日期	审核人		批准人
DESIGNED BY	DESIGN DATE	CHECKED B	Υ	APPROVED BY
Tool	21-JAN-2011	m		Cneyson
设计单位	IS09001	认证标志		客户承认
DESIGN DEPARTMEN	T CERTIFICATION	CERTIFICATION OF ISO9001		STOMER APPROVED
東京存在 ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	Certificate No.	U K A S MANAUTY MANAGARENT OO5 : HK02/01355		



# SEE-PLUS INDUSTRIAL LTD. 精進實業有限公司

# 制品規格 SPECIFICATIONS OF PRODUCTS

DOCUMENT NO. 文件編號	QI-RSA-011	ISSUED DATE 發行日期	21-JAN-2011	VERSION 版本: 1.0	PAGE 页 次 : 1/3
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MODEL NO. 产品型号	RL3-113-G-	6-BK/BK-P5	ITEM NAME 品种	ROCKER	SWITCH

- 1.RATING 額 定 値 : 10A 125VAC UL C-UL 6(2)A 250VAC T125/55 1E4 ENEC SEMKO
- 2.OPERATING TEMPERATURE RANGE 工作温度范围 : -25℃ ~ +125℃

#### 3.ELECTRICAL CHARACTERISTICS 電氣性能:

ITEM 项目		TEST CONDITIONS 測試條件	PERFORMANCE 性能
3.1	CONTACT RESISTANCE 接觸電阻	MEASURED AT SMALL CURRENT (10mA 1000Hz OR LESS). 在微小電流(10mA 1000Hz)以下測試。	30mΩ Max. 30 毫歐以下
3.2	INSULATION RESISTANCE 絕緣電阻	APPLY A VOLTAGE OF 500V DC SHALL BE APPLIED FOR 1 MINUTE AFTER WHICH MEASUREMENT BE MADE: (1) BETWEEN TERMINALS. (2) BETWEEN INDIVIDUAL TERMINALS AND FRAME. 輸入 500V DC 電壓 1 分鐘,按以下接觸方法測試: (1) 排腳相互之間不导通的。 (2) 排腳與外殼之間。	100MΩ Min. 100 兆歐以上
3.3	DIELECTRIC STRENGTH 耐電壓	AC 1500V rms (50-60Hz) FOR 1 MINUTE TRIP CURRENT: 0.5 mA (1)BETWEEN TERMINALS. (2)BETWEEN INDIVIDUAL TERMINALS AND FRAME. 輸入 AC 1500V (50-60Hz) 電壓,1 分鐘感度電流爲0.5mA,按以下接觸方法測試: (1)排腳相互之間不导通的。 (2)排腳與外殼之間。	WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC. 沒有絕緣破壞等異常。

#### 4. MECHANICAL CHARACTERISTICS 機械性能:

	•	ITEM 项目	TEST CONDITIONS 測試條件	PERFORMANCE 性能
4	1.1	OPERATING FORCE 作動力	MEASURING PUSH THE TOP OF THE ACTUATOR (KNOB). 按住開關膠柄頂部作爲測定點。	300-800gf
4	1.2	TERMINAL STRENGTH 端子強度	A STATIC LOAD OF 500gf SHALL BE APPLIED TO THE TERMINAL FOR 15 SEC. IN ANY DIRECTION. 在排腳前端任意一個方向加 500gf 力度測試,時間爲 15秒。	ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED WITHOUT DAMAGE OR EXCESSIVE LOOSENESS OF TERMINALS. 在排腳中沒有裂開、鬆動等異常,滿足於機械、電氣性能。



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又作	二編號			發行日期		版本: 1.0 页次: 2		
:	ITEM 功	5目	TE	EST CONDITIONS	測試條件	PERFORMANO	E 性能	
DISPLACEMENT OF ACTUATOR (KNOB) 柄強度			A STATIC LOAD OF 10N(1kgf)SHALL BE APPLIED TO THE TOP OF THE ACTUATOR (KNOB) AND THEN DISPLACEMENT SHALL BE MEASURED TO THE DIRECTION OF THE ARROW. 在柄的前端施加 1kgf 的力度,位移應沿印記的方向上定。			THE LEVER SHALL HAVE NO SERIOUS DEFORMATION AND FUNCTION IS NORMALLY. 柄部無嚴重變形,可以正常工作。		
LIFE A SWITCH SHALL BE SUBJECTED TO 10,000 CYCLES AT A SPEED OF 15 TO 18 CYCLES AC 500V 1 MI MI AC 500V 1 MI AC 500V 1 MI					100MΩ Min. 10 3. WITHSTAND VOLT AC 500V 1 MING AC 500V 1 分鐘 4. OPERATING FORC +10% ~ -30% OF 變化範圍:初始值+ 5. WITHOUT DAMAGE ARCING OR BREAR	0 毫歐以下 ISTANCE 0 兆歐以上 AGE (耐電壓) JTE E (作動力) INITIAL VALUE -10% ~-30%		
5. EN	VIRONME	NT CHARA	CTERIS'	rics 环境特性:				
:	ITEM 項	恒	TE	ST CONDITIONS	測試條件	PERFORMANO	E 性能	
5.1	TE	ABILITY ST 生試験	2mm IN 3±0.5 端子頂	THE SOLDER BAT		THE AREA OF SOLDE OVER 75%. 焊接面積要有 75%以上		
5.2	SOLD! HEAT	ANCE TO ERING TEST 生試験	SOLDEI IMMERS IMMERS OF TH OFCOMI WIRING WITH SPECII 焊爐焊 時間 5 SOLDEI TEMPER	HE BOARD 0.8 PONENT HOLES G BOARD SHALL BI THOSE SPECION FICATION. WEOUND STEEL WEON WETHOD: RATURE OF SOLE OF SOLDER 3±0.	255±5℃ HIN 5 SEC. TO THE SURFACE mm DIMENSIONS IN THE PRINTED EING ACCORDANCE FIED IN THIS 在 255±5℃,過爐 厚度爲 0.8mm。	WITHOUT DEFORMATI EXCESSIVE LOOSENE ELECTRICAL CHARAC' BE SATISFIED. 本體無變形,能滿足於	SS OF TEMINALS TERISTICS SHALL	



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:	ITEM 项目	TEST CONDITION	ONS 測試條件	PERFORMANCE 性能		
5.3	COLD TEST 耐冷試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF -25±3℃ FOR 48 HOURS, THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在溫度-25±3℃中 48 小時後,再放置常溫常 濕中 1 小時來進行測試。  THERE SHALL BE NO DEF				
5.4	HEAT TEST 耐熱試驗	THE SWITCH SHALL BI STANDARD ATMOSPHER: HOUR AFTER WHICH MI MADE.	°C FOR 48 HOURS, THEN			
5.5	HUMIDITY TEST 潮濕試驗	90% TO 95% FOR 48 HO SHALL BE MAINTAINED ATMOSPHERIC CONDITI WHICH MEASUREMENT S 放置 40±2℃的相對濕度	°C AND A HUMIDITY OF URS, THEN THE SWITCH D AT STANDARD CONS FOR 1 HOUR AFTER	THERE SHALL BE N OR CRACKS IN M 外觀無異常,滿足於	OLDED PART.	

6. Test condition (UNLESS OTHERWISE SPECIFIED)

测试条件 (特別指定情况除外) Temperature 温度:5℃ - 35℃;

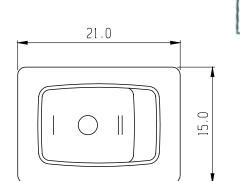
Humidity 湿度:45%-85%R.H; Pressure 气压: 86-106kPa

- 7. Construction 产品结构: Shape and dimensions subject to attached chart regulation 另附图纸说明外形及尺寸规格
- 8. Amendment 修改(规则)

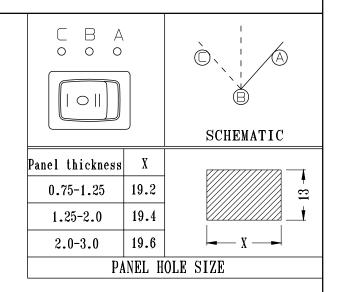
When the amendment of this specification comes into necessity, it shall be made by mutual consultation and agreement between manufacturer and customer.

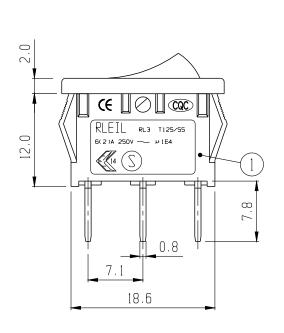
当指定的这些(规则)必须要修改时,则通过本制造商和客户相互协商来实施。

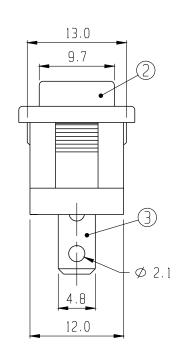


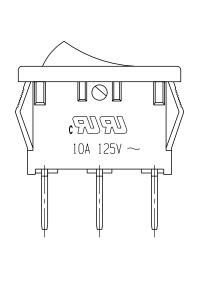












7	CONTACT POINT	$\lceil   Ag  angle$	2		8	BUCKLE	BRASS	1	Ag PLATED
5	CONTACT	BRASS	1	Ag PLATED	6	BALL	STEEL	1	
3	TERMINAI	BRASS	2	Sn/Ag PLATED	4	SPRING	STEEL WIRE	1	
1	FRAME	NYLON	1		2	KNOB	NYLON	1	
NO	PART	MATERIAL	QTY	REMARKS	NO	PART	MATERIAL	QTY	REMARKS
ISSUED SPECIFICATION						TITLE: 1	ROCKER SW	TTC	H (1P3T)
DATING. 10A 125VAC UL C-UL									



RATING: 10A 125VAC UL C-UL
6(2)A 250VAC T125/55 1E4 ENEC SEMKO
CONTACT RESISTANCE: 30m OHMS Max

MODEL NO: RL3-113-G-6-BK/BK-P5
TOLERANCE UNIT: MM DWN.

* * - (				
INSULATION	RESISTANCE: DC500V 100M OHMS Min	TOLERANCE	UNIT: MM	DWN.
	VOLTAGE: AC 1500V 1 Minute	UP TO 1.0:±0.1	SCALE: 2:1	קוואיים
OPERATION	FORCE: REFER ATTACH SPECIFICATION	1.0 TO 10.0:±0.2	VERSION: 1	CHK D.
SWITCHING	LIFE: 10,000 Cycles at Full Load	OVER 10.0:±0.3	DRWG NO:	APPD.
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BY: Greyson

DATE: 21-JAN-2011

SEE-PLUS INDUSTRIAL LTD.





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