





我們的設備 OUR EQUIPMENT

公司簡介

星輝電業公司在香港成立，旗下開辦“星輝電業（東莞）有限公司”，設於東莞市長安鎮烏沙江貝工業區，專業生產各類附合國際安全認證電器用 AC/DC 開關掣。經過多年不斷努力，星輝累積多年製造開關掣經驗，至今已開發了逾百款不同種類的開關，分六大類系列為：滑動開關 Slide Switch、翹板開關 Rocker Switch、微動開關 Micro Switch、旋轉開關 Rotary Switch、按動開關 Push Button Switch 和汽車用開關 Automotive Switch 等，月產量能力超過 500 萬隻，供應使用於不同種類家用和商用產品如按摩器、護髮產品、照明產品、家用商用電器、汽車行業、醫療儀器 遍及美洲、歐洲和世界各地的國際終端品牌產品，提供優質、安全和可靠的開關掣。

配有多條全自動和半自動化裝配設備，並配合先進和完善的電動 / 汽動測試設備監控維護品質，以確保星輝每個開關都能符合國際電器安全規格如 UL, C-UL, VDE, KEMA/ENEC 和 CQC/CCC 所設最嚴謹的安全要求！擁有連貫的生產工藝體系，具備良好的研發能力及配備相應的研發和設計人才，配合完善生產設備如：注塑機、五金沖床、銑床、車床、鋸床、線切割、磨床、投影儀、超聲波及移印設備，致力保障品質穩定和可靠性；另外，亦配備了多台精密測試設備如：開關掣壽命測試機、高壓機、溫升測試量度儀、灼熱絲試驗箱、火焰自燃測試箱、電鍍鹽霧測試箱、球壓測試儀和高低溫恆溫恆濕試驗箱等。

星輝致力開發和研究更新款的 ODM 開關來滿足市場上的需求趨勢，積極創新，持續改善，致力於通過科學管理為基礎，得到 SGS 審核而附合了 ISO9001:2008 標準，致力推行全面品質管制，亦為配合歐盟指令禁止使用有害物質，所有開關用原材料亦全面通過 SGS 認證機構的 RoHS 和 REACH 檢測要求。

星輝推崇 [質量和客戶滿意、信任] 的服務態度，為每一位顧客提供專業技術意見，鑽研來配合各類產品功能改善和提升效能，以切合市場產品功能多變的要求而發展和可靠依賴的方向作出定位，大膽創新，細心製作，持續隱定、可靠來贏取客戶的信任和長期合作關係。

Introduction

Sing Fai was established in Hong Kong, our factory of Sing Fai Electric (Dongguan) Company Limited was located at Chang An, Dongguan City in manufacturing all kinds of AC/DC approval switch. Accumulated years of valuable experience, manufacture hundred kinds of switches throughout the years, concentrate in Six categories such as Slide Switch, Rocker Switch, Micro Switch, Rotary Switch, Push Button Switch & Automotive Switch, monthly production capacity reached over 5 million pieces, committed to supply high quality reliable switches for well-known brand's product, which distribute to US, Europe & around the world, adapt to appliances such as massager, hair care product, lighting product, home & commercial use appliances, automotive industry & medical devices.

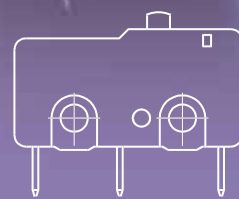
Sing Fai equipped with fully & semi automatic machinery in assist the assembly line, quality assurance equipped with advanced electric/air test apparatus in monitoring & ensuring the stability of the switch, so as to continue to comply with the safety criteria established by UL, C-UL, VDE, KEMA/ENEC & CQC/CCC, but most importantly, to supply with quality, safety & reliable switches. With our linear production system, equipped with machinery such as: plastic injection, metal stamping, milling, lathe, sawing, linear cutting, grinding, ultrasonic & silk screening machine to guarantee the quality & stability; precision apparatus had been employed such as: life-cycles endurance tester, dielectric Hi-Pot machine, temperature rise measure apparatus, glow-wire test apparatus, flammability tester, plating salt spray tester, ball pressure tester & constant temperature/humidity instrument were all equipped.

Sing Fai strives for continuous improvement & develop many ODM switch to meet the demand of the changing market, so as to create & maintain the stability for our switches. ISO 9001:2008 was granted through SGS to implement better quality system within the operation, thus to be bearing all responsibility & obtaining customers trust and satisfaction. Also all of our raw materials have been tested & certified by SGS to comply with RoHS & REACH requirement.

"Quality & winning Customer trust" is SING FAI mission, to serve & supply reliable switches for professional & commercial use, further to provide technical solution to adapt to any kinds of products, in meeting to the demand of the changing market, thus to position ourselves to be innovate aggressively, manufacture precisely, enhanced stability in winning customers trust and long-term relationship.

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微動開關
MICRO SWITCH



MS175 P4



MS177 P5



MS188 P6

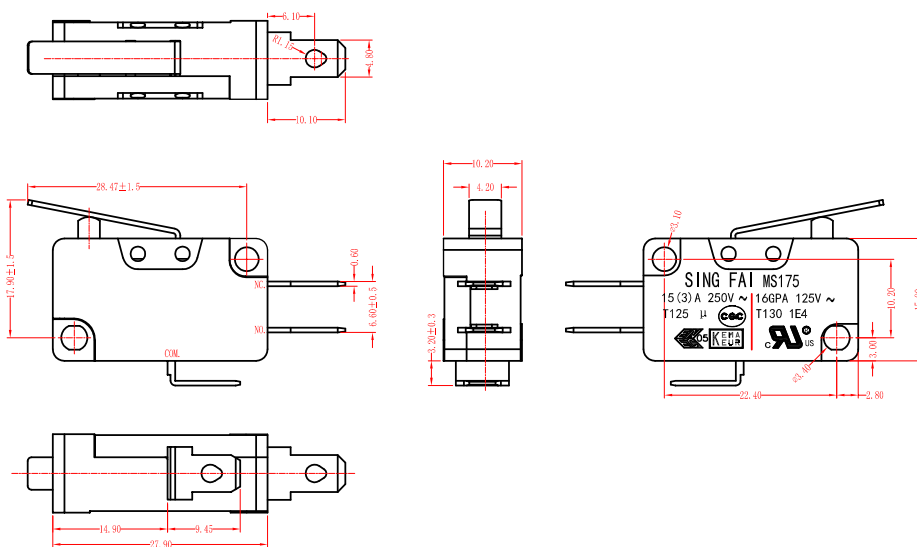
MS175 Series



MS 175 Series

Safety Approval & Specification 安全認證及規格

16GPA 125V a.c.	T130	15(3)A 250V a.c. T125	15(3)A 250V a.c. T125
10GPA 125V a.c.	T125		
6GPA 125V a.c.	T85 1E4		



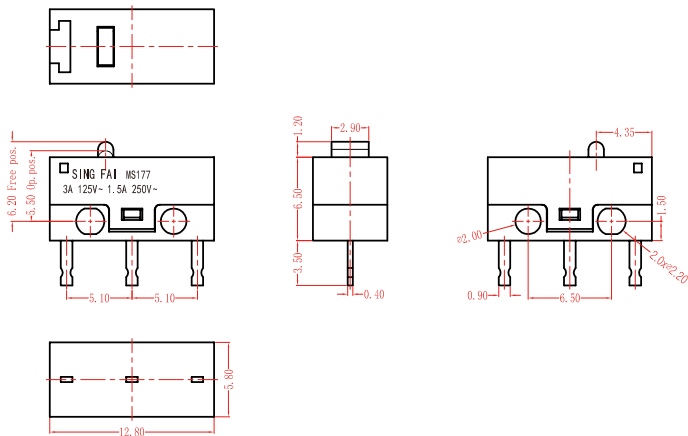
MS175 -F -16 -T130 -F270 -LE -A

Function	Current	Temperature	Operating force	Handle Type	Terminal Type
D (ON)-OFF Push ON	16A 125V a.c.	T85 T85	F270 270 g.f	O	A
E (OFF)-ON Push OFF	/8A 250V a.c.	T125 T125		LA	B
F (ON)-ON	15(3)A 250V a.c.	T130 T130		LB	C
	16GPA 125V a.c.			LD	D
	10GPA 125V a.c.			LE	
	6GPA 125V a.c.			LF	
				LG	
				LH	
				LJ	

MS177 Series



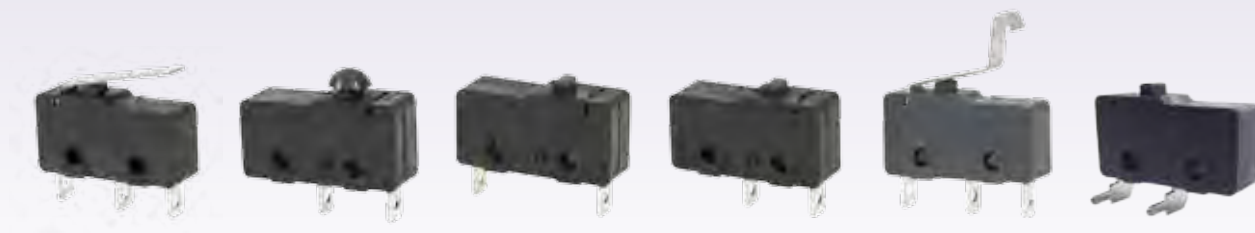
MS 177 Series



MS177 -F -3 -L -P

Function			Current		Handle Type		Terminal Type	
D	(ON)-OFF	Push ON	3	3A 125V AC 1.5A 250V AC 1.5A 250VAC	O		P	
E	(OFF)-ON	Push OFF			L			
F	(ON)-ON				L1			

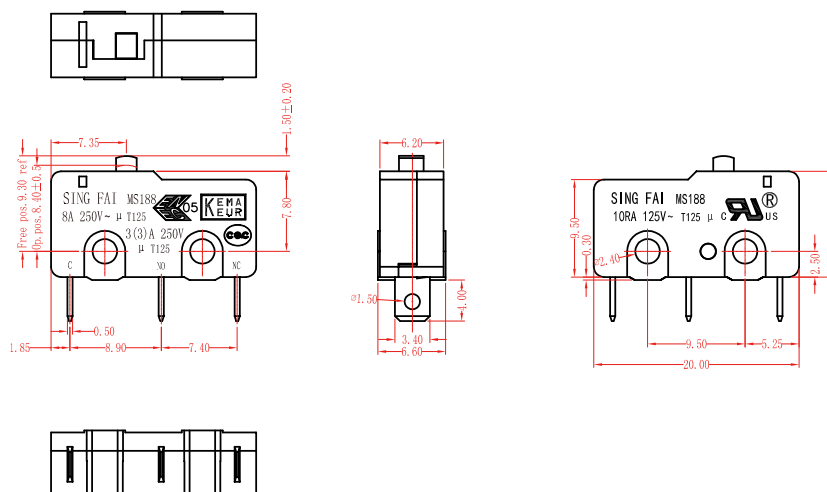
MS188 Series



MS 188 Series

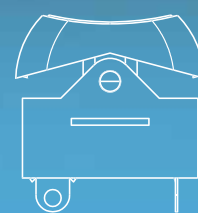
Safety Approval & Specification 安全認證及規格

10RA 125V a.c.	T125 T85 6E3	8A 250VAC T125	8A 250VAC T125
6RA 125V a.c.		3(3)A 250VAC T125	
1RA 125V a.c.			



MS188 -F -10 -T125 -F220 -L -T1

Function	Current	Temperature	Operating force	Handle Type	Terminal Type
D (ON)-OFF Push ON	10	T125	F220 220 gf.	O	T1
E (OFF)-ON Push OFF		T85		A	T2
F (ON)-ON	6		F70 70 gf.	L	P
	1			LA	P1
				LC	P2
				LE	
				LF	
				LG	
				LH	
				LJ	



翹板開關
ROCKER SWITCH



RS149 P8



RS151 P9



RS161A P10



RS162 P11



RS165 P12



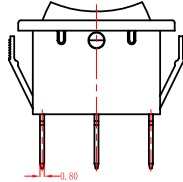
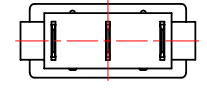
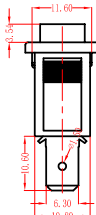
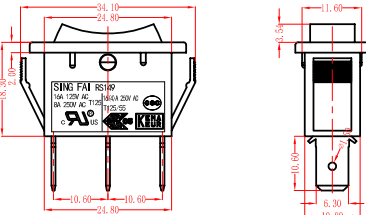
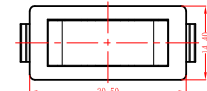
RS170 P13

RS149 Series

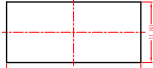


RS 149 Series

Safety Approval & Specification 安全認證及規格			
 US	UL1054	 Q5 KEUR	
16A 125V AC 8A 250V AC	T125	16(4)A 250VAC T125/55	16(4)A 250VAC T125/55
12A 125V AC 6A 250V AC			



Suggested panel hole size
Nominal Thickness 1.2-3.0mm



RS149	-X	-16	-B	-2	-K	-K	-M3	-W	-Q1		
Function	A ON-OFF	B ON-ON	C ON-OFF-ON	D (ON)-OFF	E ON-(OFF)	F ON-(ON)	M ON-OFF-(ON)	X (ON)-OFF-(ON)	N ON-OFF W/lump (Unswitched normal)	P ON-OFF W/lump (switched normal)	I Indicator
Current	3 2A 125V AC 1.5A 250V AC	12 12A 125V AC	16 16A 125V AC 8A 250V AC	20 20A 12V DC							
Housing Type	A	B									
Button Type	1	2	3	1							
Housing Color	K BLACK R RED										
Knob Color	K BLACK R RED OR ORANGE										
Printing	0 NONE	M3 I O II	M12 CHA OFF ON	M29 LO 0 HI	M32 ON OFF	M47 OFF ON					
Printing Color	0 NONE R RED W WHITE										
Terminal Type	Q1	Q3									

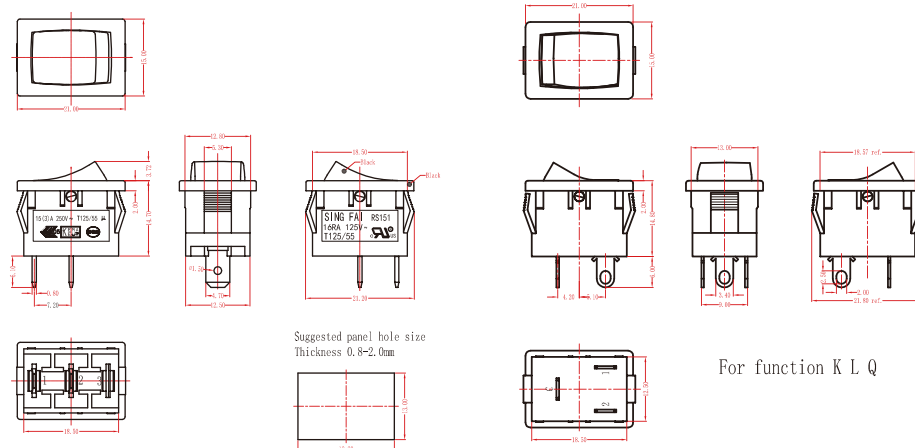
RS151 Series



RS 151 Series

Safety Approval & Specification 安全認證及規格

UL® US	UL61058	KEMA	CCC
16RA 125V a.c.	T125/55	15(3)A 250VAC	15(3)A 250VAC
10RA 125V a.c.			
6RA 125V a.c.			



RS151 -A -16 -1 -K -K -M3 -W -T1

Function	Current	Button Type	Housing Color	Knob Color	Printing	Printing Color	Terminal Type
A) ON-OFF	16		K BLACK	K BLACK	M3	NONE	T1
B) ON-ON	15(3)A 250V a.c.		R RED	R RED	M5	R RED	
C) ON-OFF-ON	10		OR ORANGE		M6	W WHITE	
D) (ON)-OFF	6				M7		T4
E) ON-(OFF)					M9		
F) ON-(ON)					M14		
M) ON-OFF-(ON)					M15	OFF ON	T8
X) (ON)-OFF-(ON)					M25	NOT WORK	
K) OFF-ON(-ON)-(-ON)					M26	NOT WORK	
L) (OFF)-ON(-ON)-(-ON)					M30	NOT WORK	T9
Q) OFF-ON(-ON)-(-ON)					M31	NOT WORK	
					M39		
					M45		S
					M46		

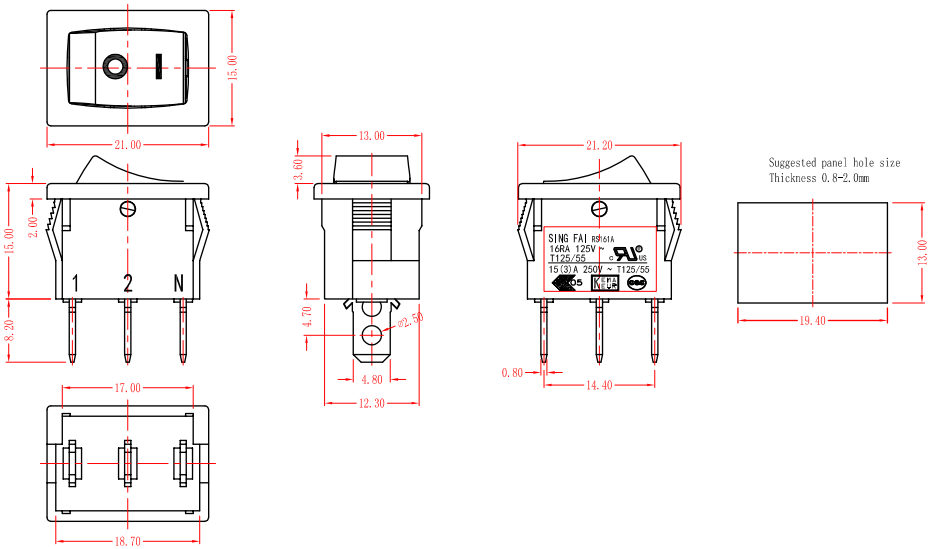
RS161A Series



RS 161A Series

Safety Approval & Specification 安全認證及規格

 US	UL61058		
16RA 125V a. c.	T125/55	15(3)A 250VAC T125/55	15(3)A 250VAC T125/55
10RA 125V a. c.			
6RA 125V a. c.			



RS161A -N -16 -K -K -M5 -W -S

Function	Current	Housing Color	Knob Color	Printing	Printing Color	Terminal Type
A ON-OFF	16 16RA 125V a. c.	K BLACK	K BLACK	0 NONE	0 NONE	A7
N ON-OFF W/lamp	15(3)A 250V a. c.	R RED	R RED	M5	R RED	
	10 10RA 125V a. c.		OR ORANGE	M6	W WHITE	
	6 6RA 125V a. c.			M7		A8
						S

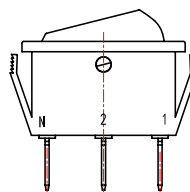
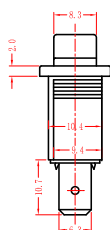
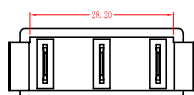
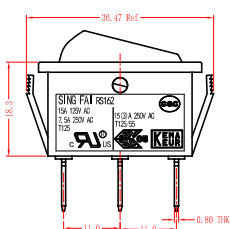
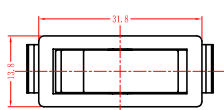
RS162 Series



RS 162 Series

Safety Approval & Specification 安全認證及規格

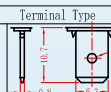
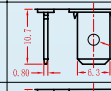
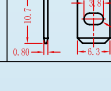
 US	UL1054				
15A 125V AC	T125	15(3)A 250VAC	T125/55	15(3)A 250VAC	T125/55



Suggested panel hole size
Nominal Thickness 1.2-3.0mm



RS162 -N -15 -1 -K -R -M5 -W -T1

Function	Current	Button Type	Housing Color	Knob Color	Printing	Color of Printing	Terminal Type
A ON-OFF	15A 125V AC 7.5A 250V AC 15(3)A 250V AC	1	K BLACK W WHITE	K BLACK R RED OR ORANGE T TRANSPARE	0 NONE M22 I	O NONE K BLACK W WHITE	
B ON-ON		2					
C ON-OFF-ON		3					
D (ON)-OFF							
E (ON)-OFF							
F ON-(ON)							
M ON-OFF-(ON)							
X (ON)-OFF-(ON)							
N ON-OFF W/lamp (Unswitched neutral)							
P ON-OFF W/lamp (switched neutral)							
I Indicator							
							

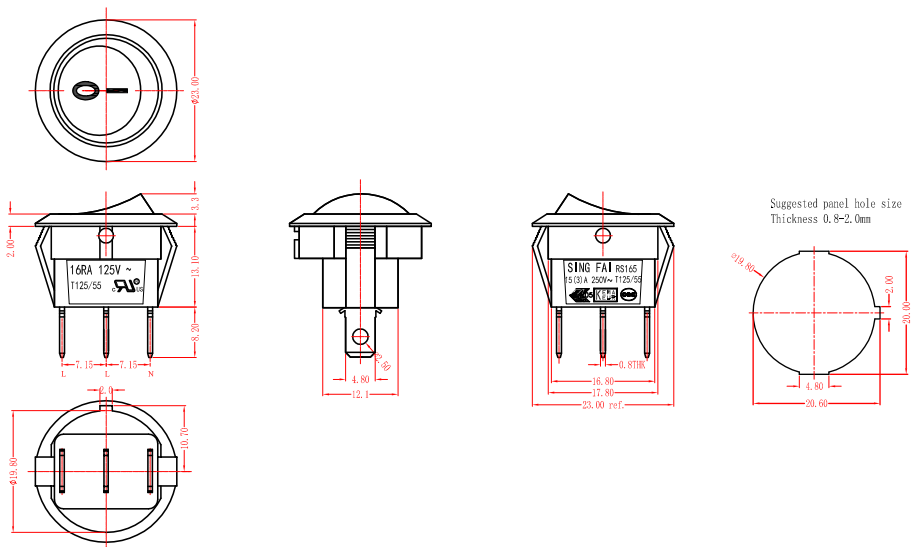
RS165 Series



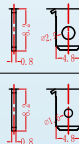
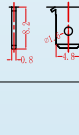
RS 165 Series

Safety Approval & Specification 安全認證及規格

 US	UL61058		
16RA 125V a. c.	T125/55	15(3)A 250Va.c. T125/55	15(3)A 250Va.c. T125/55
10RA 125V a. c.			
6RA 125V a. c.			



RS165 -A -16 -1 -K -K -M6 -W -T1 -0 -00

Function	Current	Button Type	Housing Color	Knob Color	Printing	Printing Color	Terminal Type	Lamp Voltage	Small Lam Color
A ON-OFF	16 16RA 125V a. c.	1 	K BLACK	K BLACK	0 NONE	0 NONE	T1 	0 None	00 None
B ON-ON	15(3)A 250Va.c.	2 	W WHITE	R RED		K BLACK		1 12V	RE Red
C ON-OFF-ON	10 10RA 125V a. c.		GR GRAY	W WHITE		W WHITE		2 24V	GR Green
N ON-OFF With lamp	6 6RA 125V a. c.				M5 		T2 	3 110V	BL Blue
					M6 			4 220V	AM Amber
					M15 			5 2V	
					M20 			6 6V	
					M27 			7 36V	
								8 48V	

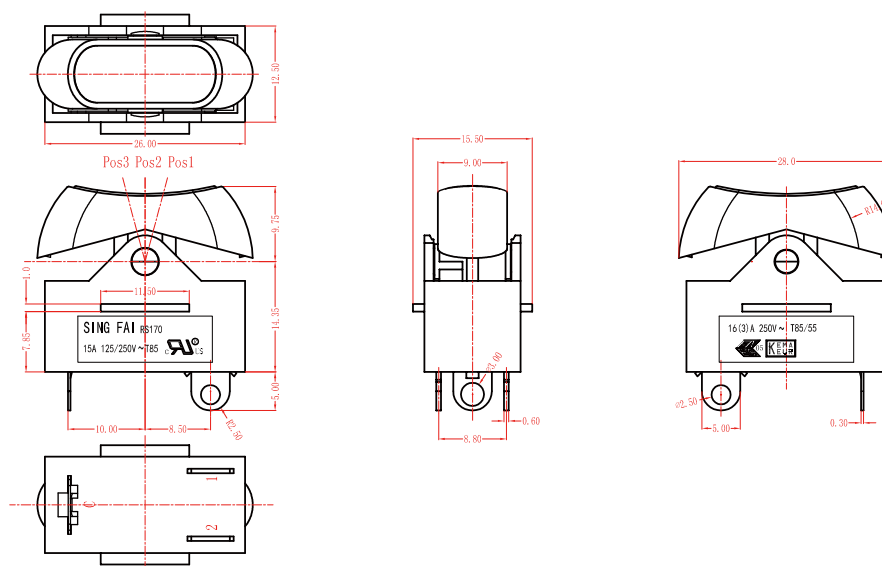
RS170 Series



RS 170 Series

Safety Approval & Specification 安全認證及規格

UL1054	16(3)A 250V a.c. T85 1E4	10(2) 250V a.c. T85 5E4
15A 125/250V a.c. T85		

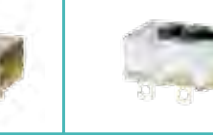


RS170 -K -16 -1 -1 -K -K -0 -0 -0

Function	Current	Base Type	Button Type	Base Color	Button Color	Printing	Color of Printing	Terminal type
A OFF-ON ₁₋₂	16(3)A 250V a.c. T85/55	1	0 None	K Black	K Black	0 None	0 None	S
C ON ₁ -OFF-ON ₂	16(10/2)A 250V a.c. T85/55	1	1 配光1	W White	W White	M35 HIGH OFF LOW	W White	S
CI ON ₁ -OFF-ON ₁₋₂	15A 125/250V a.c. T85	1	2 配光2	GE Grey	R Red	M35 HI MED LO	K Black	S
K OFF-ON ₁ -ON ₁₋₂		2	3 园头	GR Green	GR Green	M36 HI MED LO	R Red	S
W ON ₁ -ON ₂ -ON ₁₋₂		2	4 配光1	BL Blue	BL Blue	M37 HI MED OFF	BL Blue	S
WI ON ₁ -ON ₁ -ON ₁₋₂		2	5 配光2	OR Orange	OR Orange	M38 = - O	YE Yellow	S
M ON ₁ -OFF-(ON ₂)		2	5 配光1	YE Yellow	YE Yellow	M41 S ~ C		S
X (ON ₁)-OFF-(ON ₂)		2				M42 * ~ O		S
Q OFF-ON ₁ -(ON ₁₋₂)		2				M44 TURBO COLD		S
T (ON ₁)-ON ₂ -(ON ₁₋₂)		2				M48 HIGH LOW OFF		S
U ON ₁ -ON ₂ -(ON ₁₋₂)		2				M49 III = -		S
UI ON ₂ -ON ₁ -(ON ₁₋₂)		2						S
V (ON ₁)-ON ₂ -(ON ₁₋₂)		2						S



滑動開關
SLIDE SWITCH

				
SS157 P15	SS158 P16	SS196 P17	SS197 P18	SS198 P19
				
SS199 P20	SK126D P21	SS105C P22	SS105E-R P23	SS106C P24
				
SS107 P25	SS108 P26	SS123 P27	SS126D P28	SS142C P29
				
SS144 P30	SS145 P31	SS155 P32	SS156 P33	SS156A P34

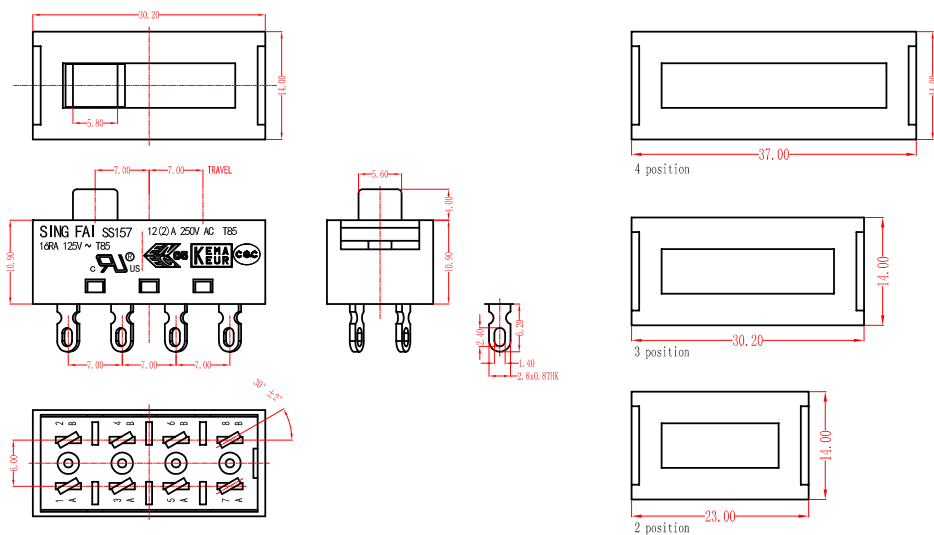
SS157 Series



SS 157 Series

Safety Approval & Specification 安全認證及規格

 [®] US UL61058	 05	
16RA 125V a.c. T85	12(2)A 250V a.c. T85	

SS157⁻²³ ⁻¹⁶ -H4 -A1 -S1

Circuit		Current	Housing type		Handle knob Type	Terminal Type
24		16 16RA 125V a.c. T85 12(2)A 250V a.c.	H1		A1	S
23			H4		A2	S1
22						
14						
13						
12						
12	D (ON) -OFF E (OFF) -ON F (ON) -ON		H2			S2
			H3			S3
				H5		S4
				H6		S5
						P

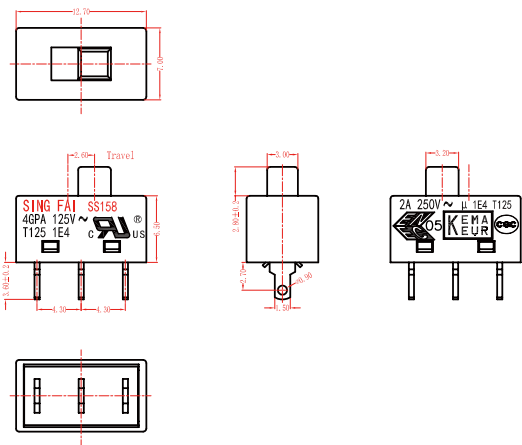
SS158 Series



SS 158 Series

Safety Approval & Specification 安全認證及規格

 US	UL61058	 05	
4GPA 125V a.c. T125 1E4		2A 250V a.c. T125	2A 250V a.c. T125

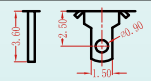
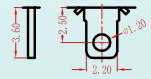
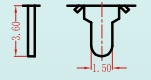


SS158 -B -4 -1 -S1

Function	
A	ON-OFF
B	ON-ON

Current	
4	4GPA 125V a.c. 2A 250V a.c.

Knob Type	
1	

Terminal Type	
S	
S1	
P	

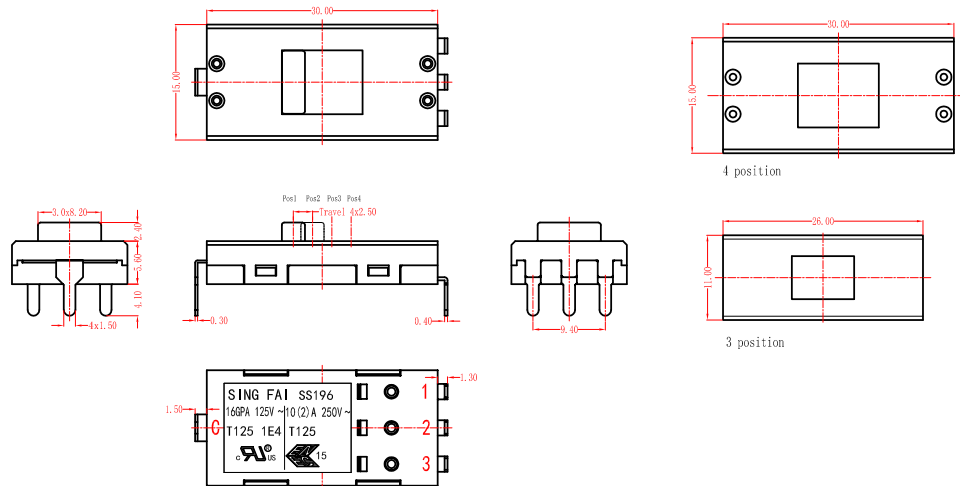
SS196 Series



SS 196 Series

Safety Approval & Specification 安全認證及規格

 US	UL61058	 05	
160PA 125V a.c. 1E4 T125		10(2)A 250V a.c. T125	



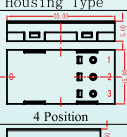
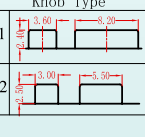
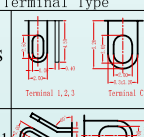
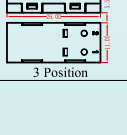
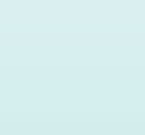
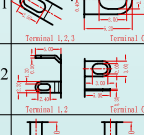
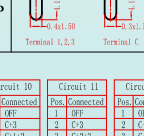
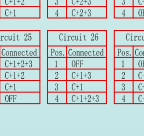
SS196 -03

-16

-1

-1

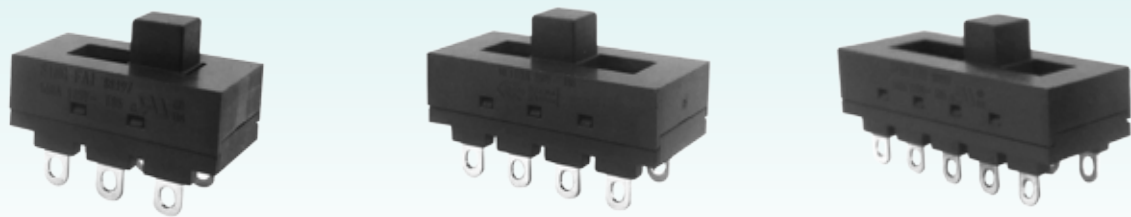
-S

Function	Current	Housing Type	Knob Type	Terminal Type
01	10(2)A 250V a.c.	 4 Position	 1	 S
02	160PA 125V a.c.			
04				
05				
06				
07				
08				
09				
More				
		 3 Position	 2	 S1
				 S2
				 P

Function Options:

Circuit 01	Circuit 02	Circuit 03	Circuit 04	Circuit 05	Circuit 06	Circuit 07	Circuit 08	Circuit 09	Circuit 10	Circuit 11	Circuit 12	Circuit 13	Circuit 14	Circuit 15
Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected
1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF
2. C-1	2. C-1+2-3	2. C-3	2. C-3	2. C-3	2. C-1+2	2. C-1+3	2. C-1	2. C-1	2. C-3	2. C-3	2. C-1	2. C-1	2. C-1+2-3	2. C-3
3. C-2	3. C-2+3	3. C-2+3	3. C-2+3	3. C-2+3	3. C-1+2	3. C-2+3	3. C-1+2	3. C-1+2	3. C-2+3	3. C-2+3	3. C-2+3	3. C-2	3. C-1+2+3	3. C-3
4. C-3	4. C-3	4. C-1+2+3	4. C-1+2+3	4. C-1+3	4. C-1+3	4. C-3	4. C-2	4. C-1+2+3	4. C-3	4. C-1	4. C-2+3	4. OFF	4. C-1+2	4. C-3
Circuit 16	Circuit 17	Circuit 18	Circuit 19	Circuit 20	Circuit 21	Circuit 22	Circuit 23	Circuit 24	Circuit 25	Circuit 26	Circuit 27	Circuit 28	Circuit 29	Circuit 30
Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected	Pos. Connected
1. OFF	1. C-1	1. C-1	1. C-1	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF	1. OFF
2. OFF	2. C-1+2-3	2. OFF	2. C-1+2-3	2. C-1	2. C-1	2. C-2	2. C-2	2. C-3	2. C-1+2	2. C-1+3	2. C-1+3	2. C-1	2. C-2+3	2. C-3
3. C-2	3. C-1+2	3. C-2	3. C-2	3. C-1+2	3. C-1+2	3. C-2+3	3. C-1+3	3. C-3	3. C-2+3	3. C-1	3. C-1	3. C-1+2+3	3. C-2+3	3. C-1+3
4. C-1+2	4. OFF	4. C-1+2+3	4. OFF	4. C-3	4. C-1+3	4. C-3	4. C-3	4. C-1+2+3	4. OFF	4. C-1+2+3	4. C-1+3	4. C-1+3	4. C-1+2+3	4. C-1+2+3
Circuit K														
Pos. Connected														
1. OFF														
2. C-1														
3. C-1+2														

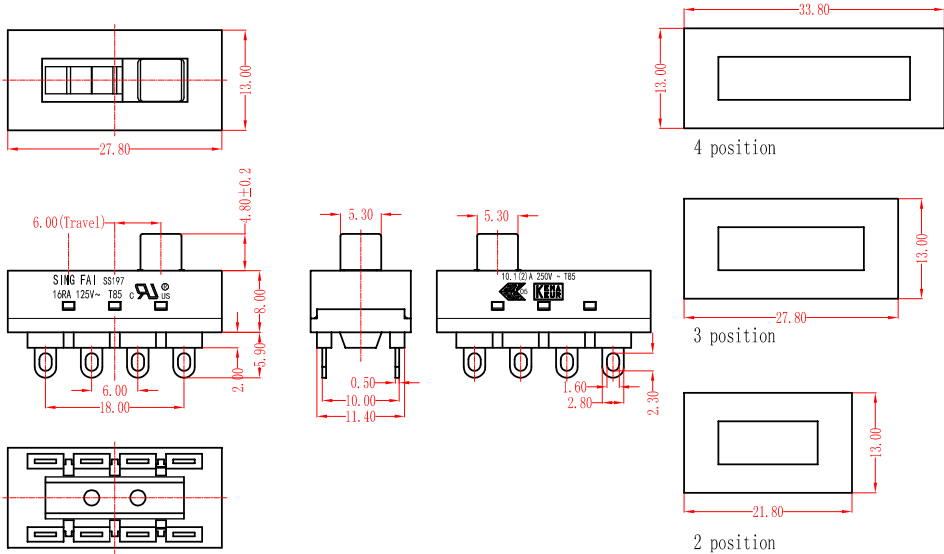
SS197 Series



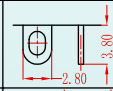
SS 197 Series

Safety Approval & Specification 安全認證及規格

 US	UL61058	 05 KEUR	
16RA 125V a.c. T85		10.1(2)A 250V a.c. T85	



SS197 -23 -16 -A1 -S

Function	Current	Handle knob Type	Terminal Type
12 1P2T	16 16RA 125V a.c. T85 10(2)A 250V a.c.		
13 1P3T			
22 2P2T			
23 2P3T			
			

SS198 Series



SS 198 Series

Safety Approval & Specification 安全認證及規格

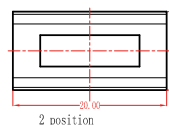
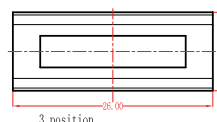
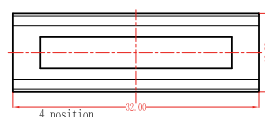
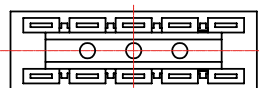
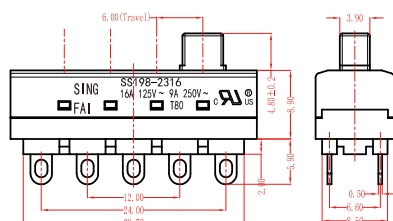
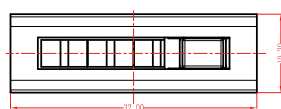


U61058



16RA 125V a. c.

T85	10(2)A 250V a. c. T125
-----	------------------------

SS198 -24 -16 -10 -A1 -S

Circuit	UL Current	ENEC Current	Handle knob Type	Terminal Type
24	16 16RA 125V a.c.	10 10(3)A 250V AC	A1	S
23				
22			A2	S2
14				
13				
12				P
				S1

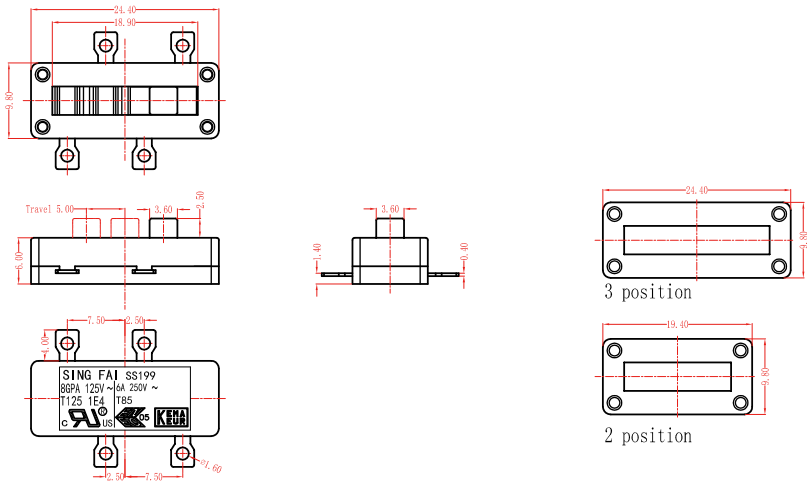
SS199 Series



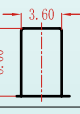
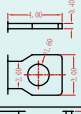
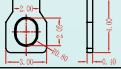
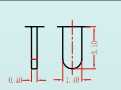
SS 199 Series

Safety Approval & Specification 安全認證及規格

 US	UL61058	 05	
8GPA 125V a.c. 1E4 T125		6A 250V a.c. T85	



SS199 -12 -8 -2 -P

Function	Current	Knob Type	Terminal Type
12 1P2T	8		
13 1P3T	6A 250V a.c. T85		
	8GPA 125V a.c.		
		2 	
		3 	

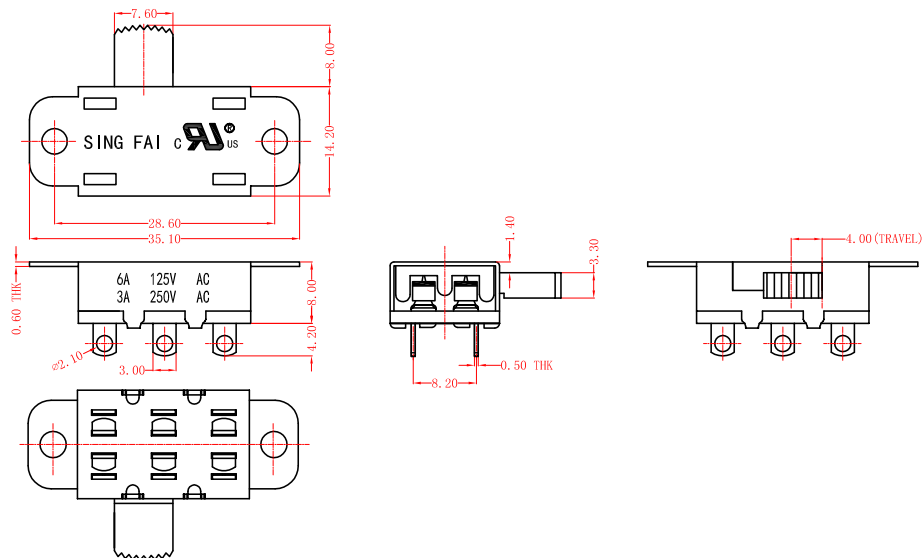
SK126D Series



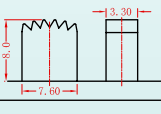
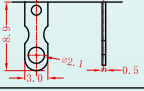
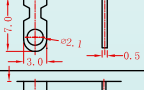
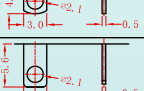
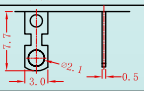
SK 126D Series

Safety Approval & Specification 安全認證及規格

 US	UL1054		
6A 125V AC			
3A 250V AC			



SK — 2 2 0 6 — 126D — B 8 — A 3

Circuit	Current	Handle Knob Type	Terminal Type
22 	06 6A 125V AC 3A 250V AC	B8 	A1  A2  A3  A4  A5 

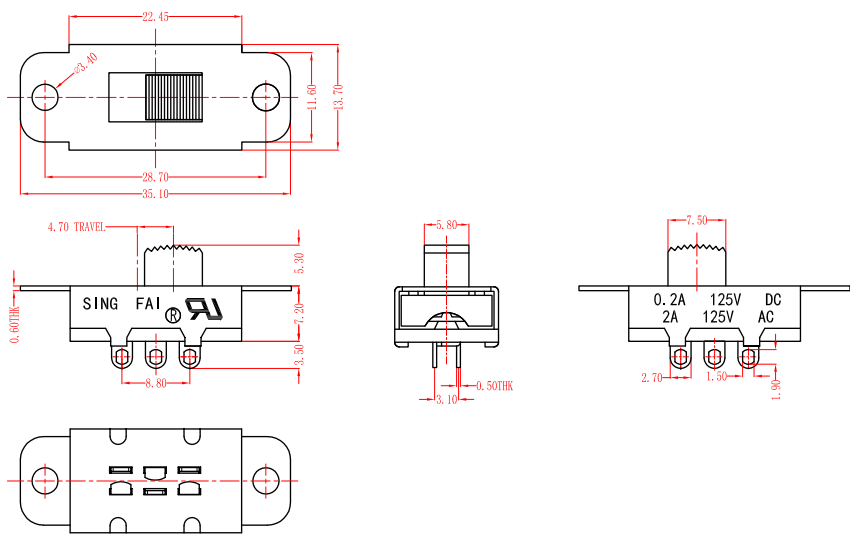
SS105C Series



SS 105C Series

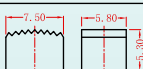
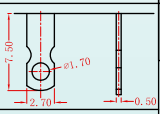
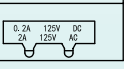
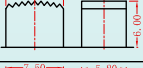
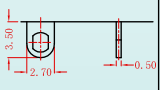
Safety Approval & Specification 安全認證及規格

 US	UL1054		
2A 125V AC			



SS — 1 2 0 2 — 105 C — B 5 — B 1 — C/W

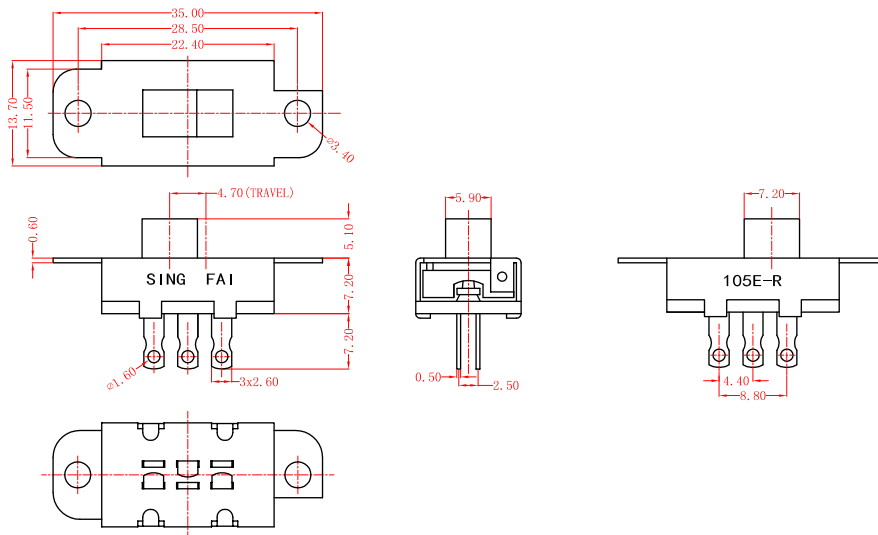
Circuit	Current
12 	02 2A 125V AC 10 0.2A 125V DC
	10 10A 17V DC

Handle knob Type	Terminal Type	Steel housing Type
B5 	B1 	C/W 
B6 	B3 	
B9 		

SS105E-R Series



SS 105E-R Series



SS—1103—105E-R——C3.7———B 1

Circuit	Current
11	03 3A 125V AC 8A 6V DC 10A 12V DC

Handle knob Type	Terminal Type
C3.7 	B1
C5 	

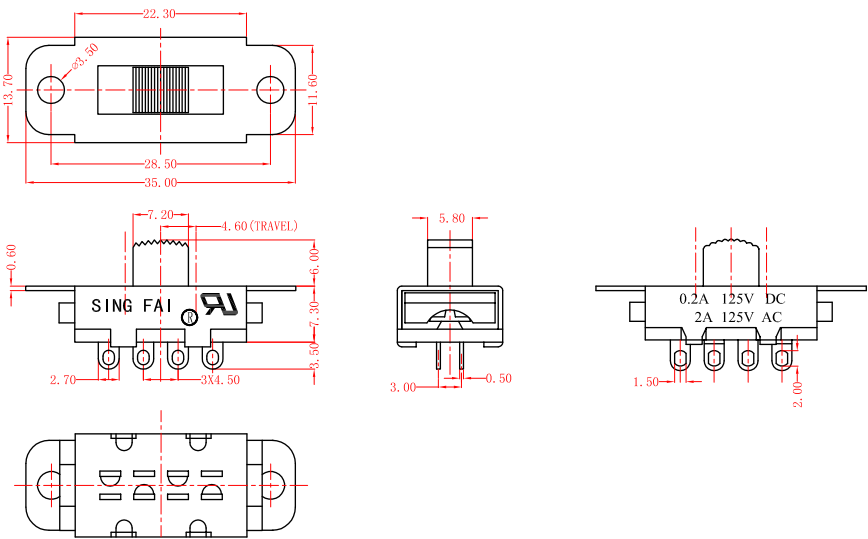
SS106C Series



SS 106C Series

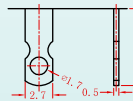
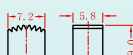
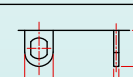
Safety Approval & Specification 安全認證及規格

 US	UL1054	 05 KEUR	
2A 125V AC			



SS — 1 3 0 2 — 106C — B 6 — B 1

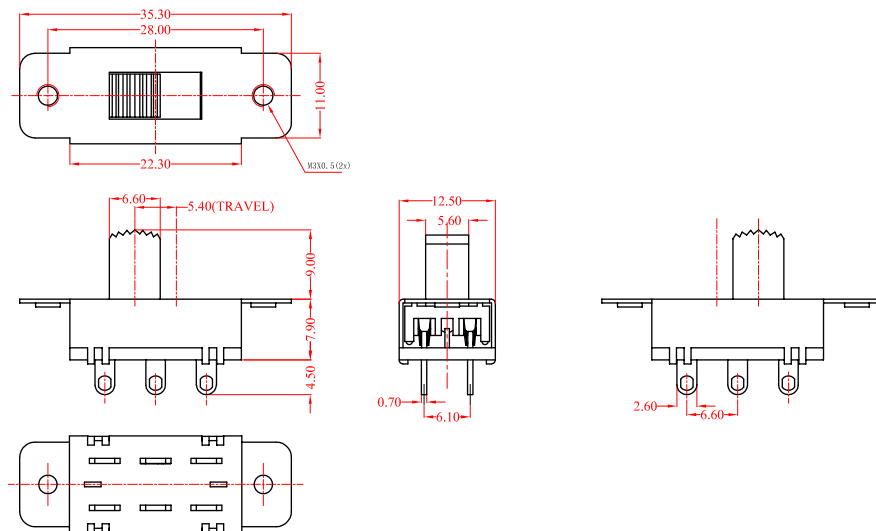
	Circuit	Current
13		02 2A 125V AC 0.2A 125V DC

Handle knob Type		Terminal Type	
B6		B1	
B9		B3	

SS107 Series



SS 107 Series



SS — 1 2 0 1 — 107 C — B 4 — D 1 — C/W

Circuit	Current	Terminal Display	Handle knob Type	Terminal Type	Steel housing Type
12	01 1A 125V AC 6A 12V DC	NONE	B4	D1	C/W
22		C	B5		E1 (大孔)
			B6		E2 (小孔)
			B9		
				D2	

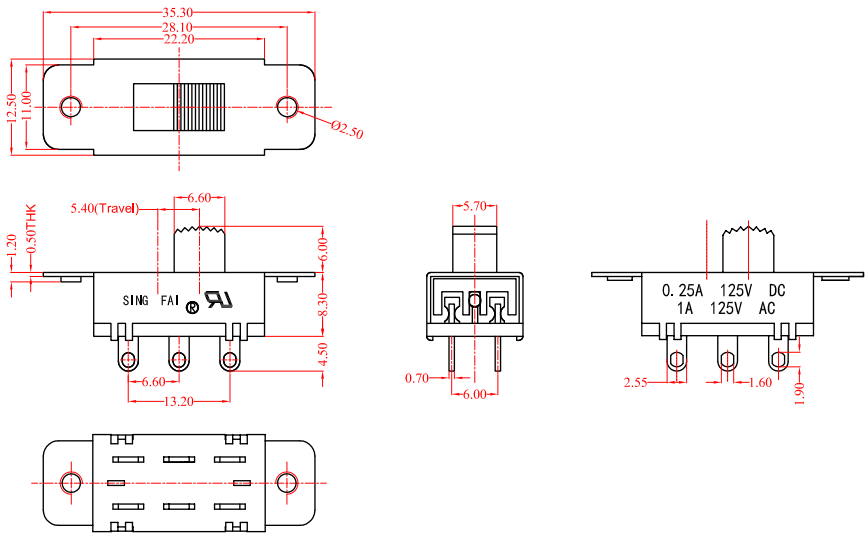
SS108 Series



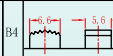
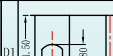
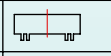
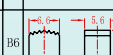
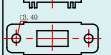
SS 108 Series

Safety Approval & Specification 安全認證及規格

 US	UL1054		
1A 125V AC			



SS—1301——108 C——B 4——D 1——C/W——024

Circuit	Current	Terminal Display	Handle knob type	Terminal Type	Metal housing Type	Metal housing marking
13 	01A 125V AC 0.25A 125V DC	NONE 	B4 	D1 	C/W 	None 
23 		C 	B5  B6  B9 	D2 	E1 (大孔)  E2 (小孔) 	024 

SS123 Series

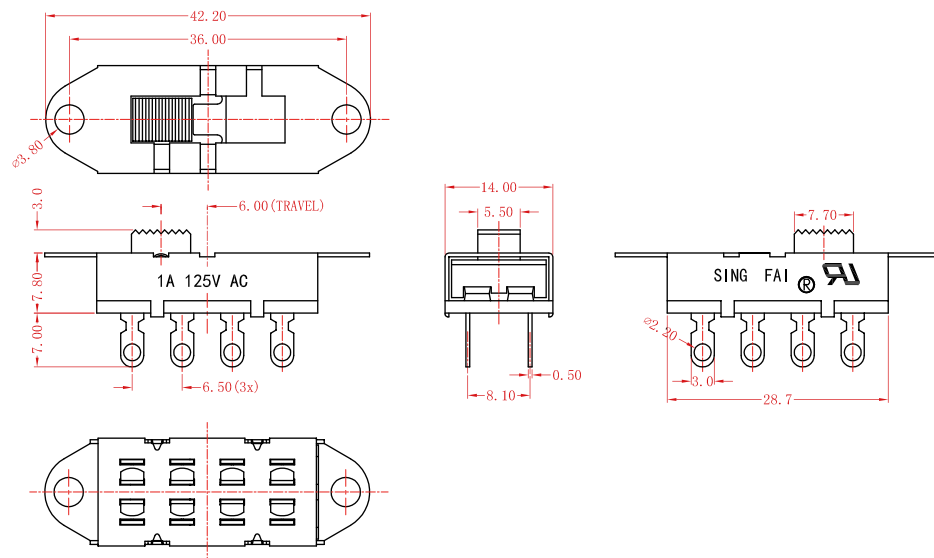


SS 123 Series

Safety Approval & Specification 安全認證及規格



1A 125V AC



SS—

1	3	0	1
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——123 M —— A 3 —— A 1 —— C/W

Circuit		Current		Terminal Display		Handle Knob Type		Terminal Type		Metal Housing Type	
13		01	1A 125V AC	M		A3		A1		C/W None (default)	
		06	6A 250V AC			A4		A2			
23		11	11A 125V AC		B		A4 二端头		A3		
							A6		A4		
						A8		A5			
						A9		A6			
				C							
				D							

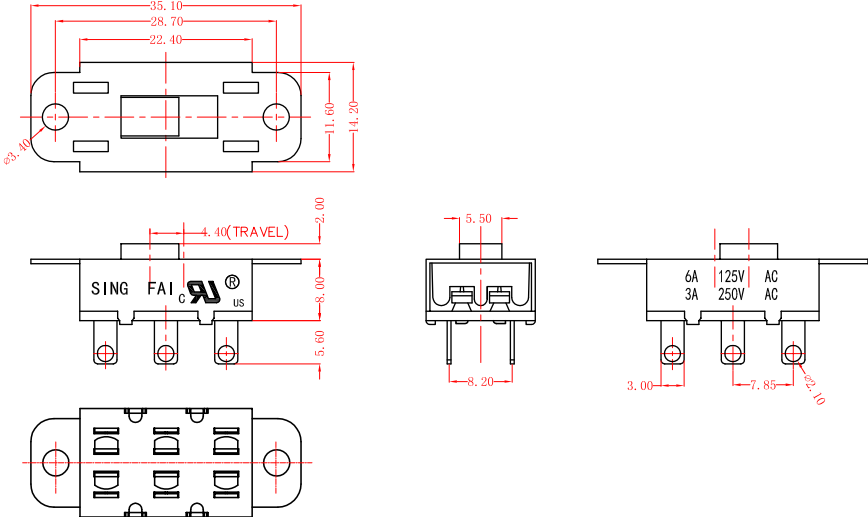
SS126D Series



SS 126D Series

Safety Approval & Specification 安全認證及規格

 US	UL1054	 05 KEMA	
6A 125V AC 3A 250V AC			



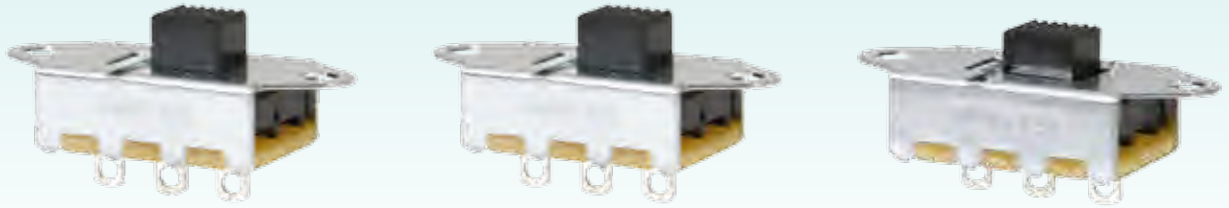
SS—

1	2	0	6
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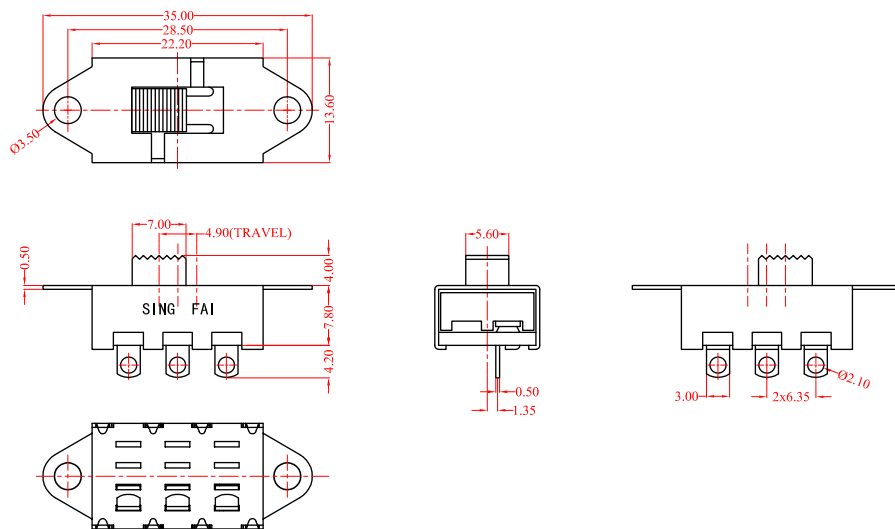
—126D—M ——— A4 ——— A1 ——— C/W

Circuit	Current	Terminal Display	Handle knob Type	Terminal Type	Metal Housing Type
12	06 6A 125V AC 3A 250V AC	M	A4	A1	C/W
22		None (Default)	A5	A2	F1
			A7	A3	F2
			A9	A4	
			B6	A5	
			C2		
			D1		

SS142C Series



SS 142C Series



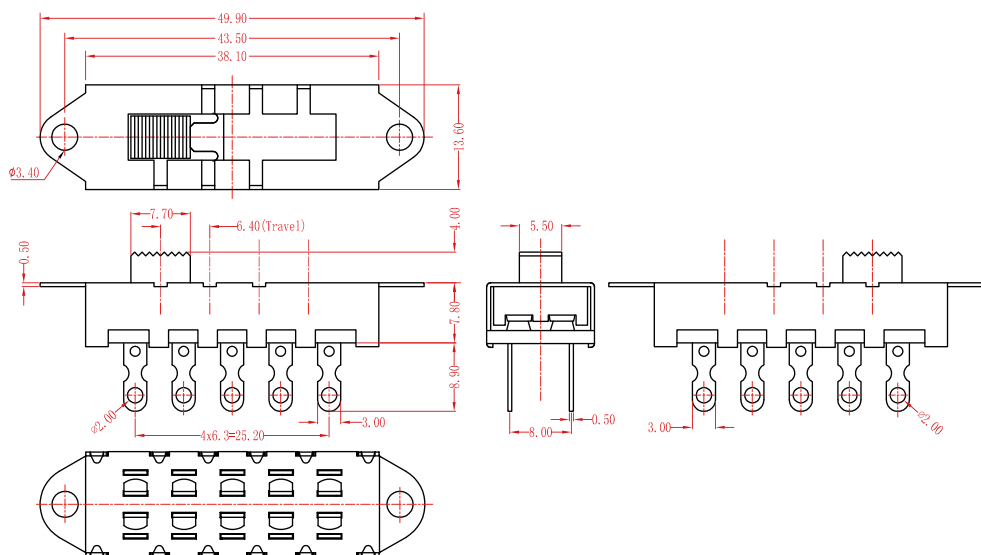
SS — 2 2 1 1 — 142 C — D1.5 — A3

Circuit	Current	Terminal Display	Handle Knob Type	Terminal Type
12	11 11A 125V AC	NONE	E1.5	A3
22		C	E4	A4
			E5	A4
			A4	A4
			A5	A4

SS144 Series



SS 144 Series



SS—2411—144———A 4———A 1

Circuit	Current
24	11 11A 125V AC

Handle Knob Type	Terminal Type
A4	A1
A6	A2
A7	A3
A8	A4
	A5

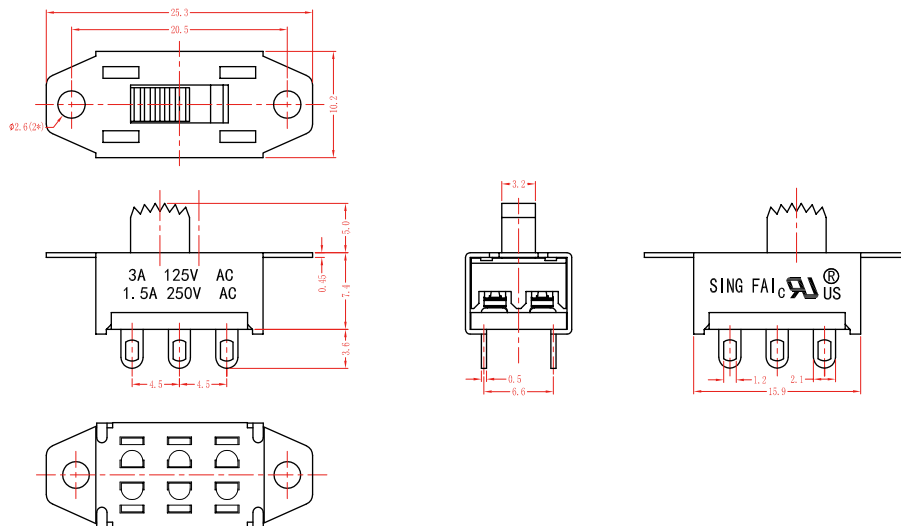
SS145 Series



SS 145 Series

Safety Approval & Specification 安全認證及規格

 US	UL1054		
3A 125V AC 1.5A 250V AC			



SS—1 2 0 3—145—2T——B 5———T 1———C 1———C/W

Circuit	Current	Function	Handle Knob Type	Terminal Display	Terminal Type	Metal Housing Type
11	3A 125V AC 1.5A 250V AC	2T ON-OFF	B5	T1	C1	None
		3T ON-ON		T2		Wing wing
		R Momentary		T3		Cut wing
12			C3.3	T4	C2	C/W
22			C3	T5	C3	
				T6	F1	
				T7		
				T8		
				T9		

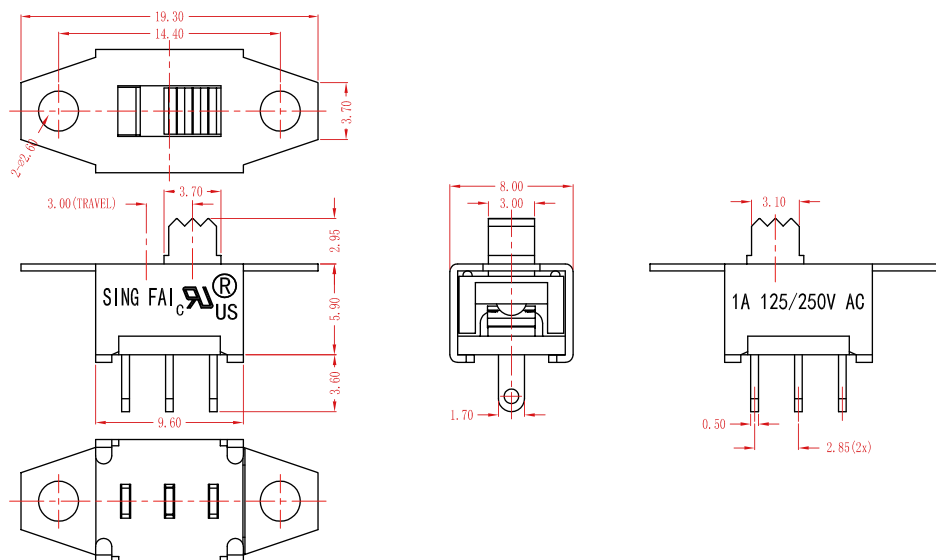
SS155 Series



SS 155 Series

Safety Approval & Specification 安全認證及規格

 US	UL1054		
3A 125V AC			
1.5A 250V AC			
1A 250V AC			



SS — 1 2 0 3 — 155 — 2T — A3 — C/W — E 1

Function	Current
ON-ON	01 1A 125V AC 1A 250V AC
ON-OFF	03 3A 125V AC 1.5A 250V AC

Terminal Number	Remark
2T Two Terminal	ON-OFF
3T Three Terminal	ON-ON

Knob hand Type	Metal Housing Type	Terminal Type
A3	None	E1
A3 二级头	C/W	E2
A5	C/W 0.5	E2
C2		E4

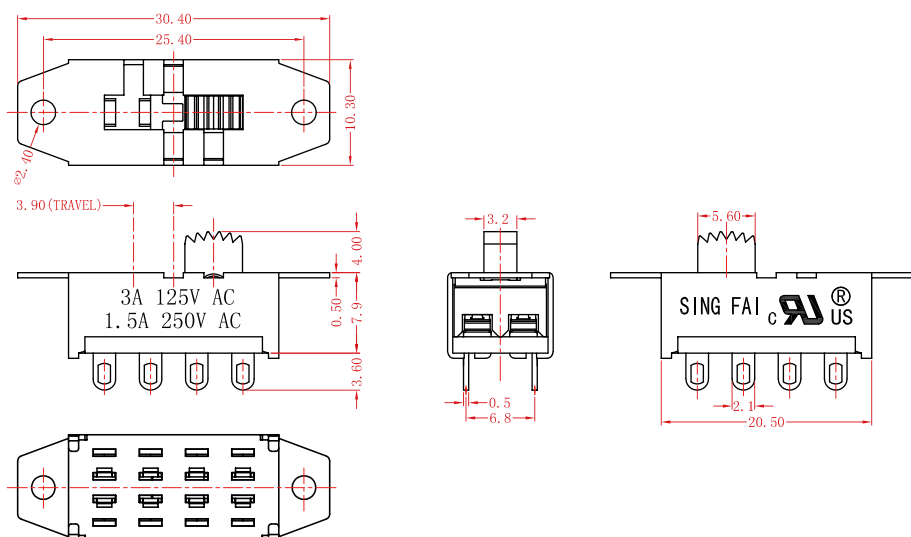
SS156 Series



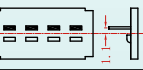
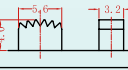
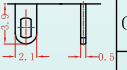
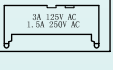
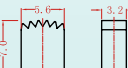
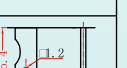
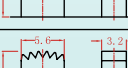
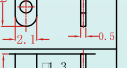
SS 156 Series

Safety Approval & Specification 安全認證及規格

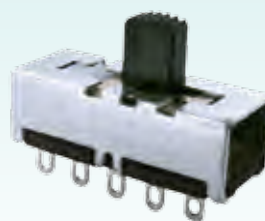
 US	UL1054		
3A 125V AC 1.5A 250V AC			



SS—1303—156——M———A4———C1———C/W

Function	Current	Terminal Display	Handle Knob Type	Terminal Type	Metal Housing Type
13 	03 3A 125V AC 1.5A 250V AC		A4 	C1 	
23 	09 9A 12V DC		A7 	C2 	
			A9 	C3 	
			B2.7 	C4 	

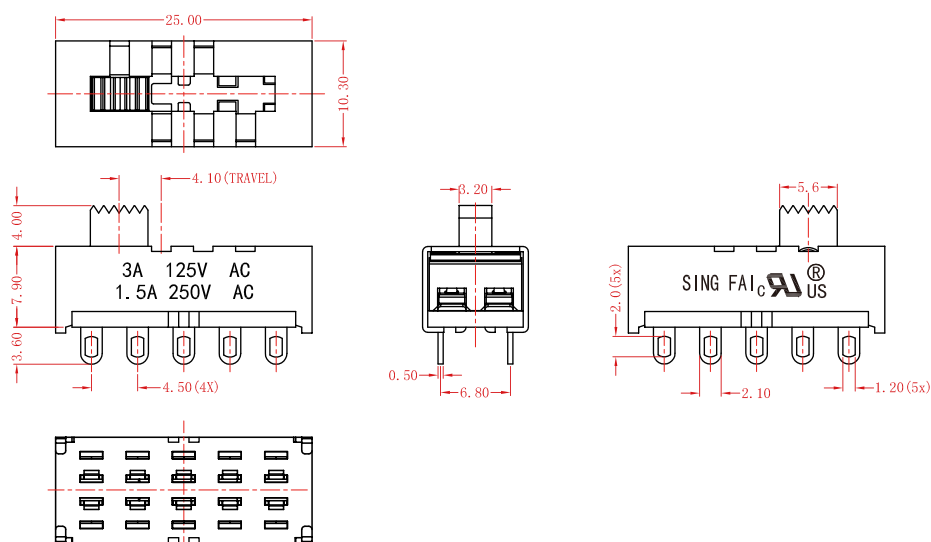
SS156A Series



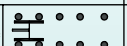
SS 156A Series

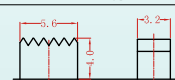
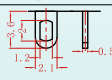
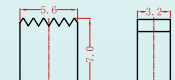
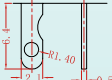
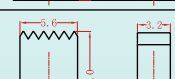
Safety Approval & Specification 安全認證及規格

 US	UL1054		
3A 125V AC 1.5A 250V AC			



SS — 2 4 0 3 — 156A — A 4 — C 1

Circuit	Current
24 	03 3A 125V AC 1.5A 250V AC

	Handle Knob Type	Terminal Type
A4		C1 
A7		C2 
A9		C3 



按動開關

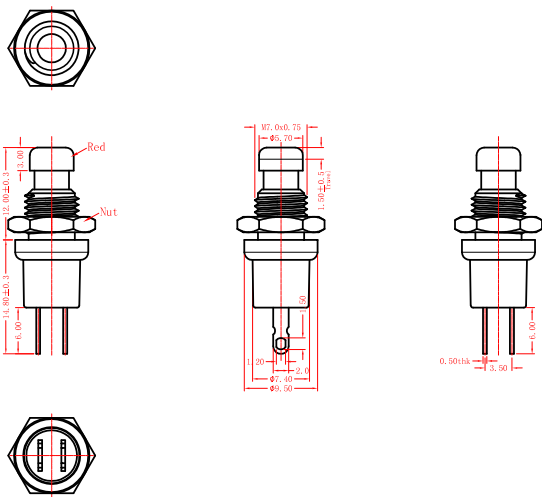
PUSH BUTTON SWITCH

									
PS140	P36	PS140B	P37	PS140C	P38	PS146ABC	P39	PS147	P40
									
PS150A	P41	PS150C	P42	PS150D	P43	PS150D	P44	PS150D-XT	P45
									
PS150E	P46	PS150E-PC	P47	PS150F	P48	PS150G	P49	PS150H	P50
									
PS150J	P51	PS150L	P52	PS172	P53				

PS140 Series



PS 140 Series



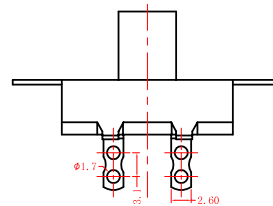
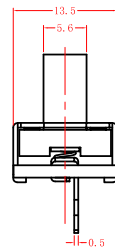
PS — 1 1 0 1 — 140 — R — K1 — T1 — 0

Function	Current
11 (ON)-OFF 01	1A 125V AC

Knob Color	Knob Type	Terminal Type	Nut Type
R Red	K1	T1	0 No Nut
			N1



Technical drawing of a mechanical part showing three views: top, front, and bottom. The top view shows a rectangular plate with rounded ends, a central square hole, and two circular holes on the sides. Dimensions include 33.0, 28.6, 22.2, 11.5, 2-φ3.6, and 7.5. The front view shows a T-shaped profile with dimensions 8.9, 7.1, 0.6, 7.2, and 8.8. The bottom view shows the underside of the plate with mounting slots and a central hole.



Function		Current	
11	(ON)-OFF	03	3A 125V AC 1.5A 250V AC

	Knob Type	
B9		
C9		
10.7		
11		
C13		

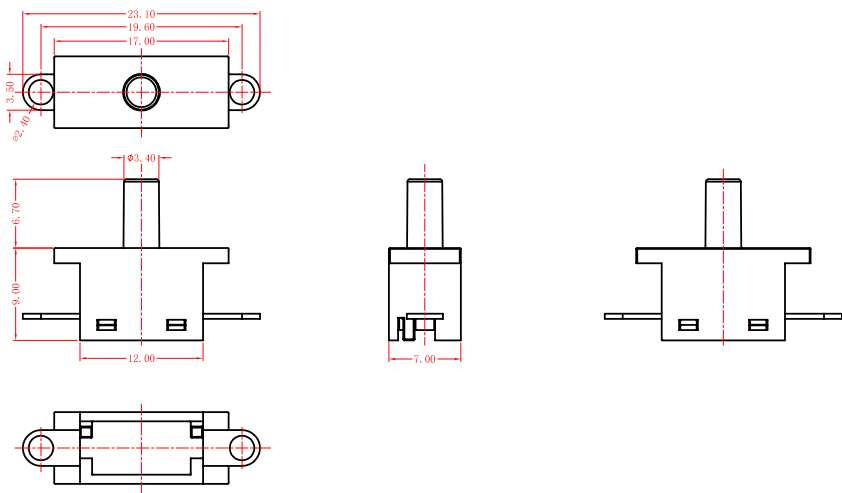
	Terminal Type
B3	Technical drawing of terminal B3. The front view shows a circular base with a central hole. Dimensions include a total width of 9.5, a central hole diameter of 6.0, a base thickness of 1.5, and a mounting flange width of 2.6. The side view shows a height of 7.0.
B5	Technical drawing of terminal B5. The front view shows a rectangular base with two holes. Dimensions include a total width of 12.6, a hole diameter of 1.7, a distance between holes of 7.2, and a base thickness of 0.5. The side view shows a height of 7.2.

Metal Housing Type	
0	With wing 
C/W	Cut wing 

PS140C Series



PS 140C Series



PS - 1 1 0 3 - 140C - K1 - T1

Function	Current
11 (ON)-OFF	03
	3A 125V AC
	1.5A 250V AC

Knob Type	Terminal Type
K1	T1

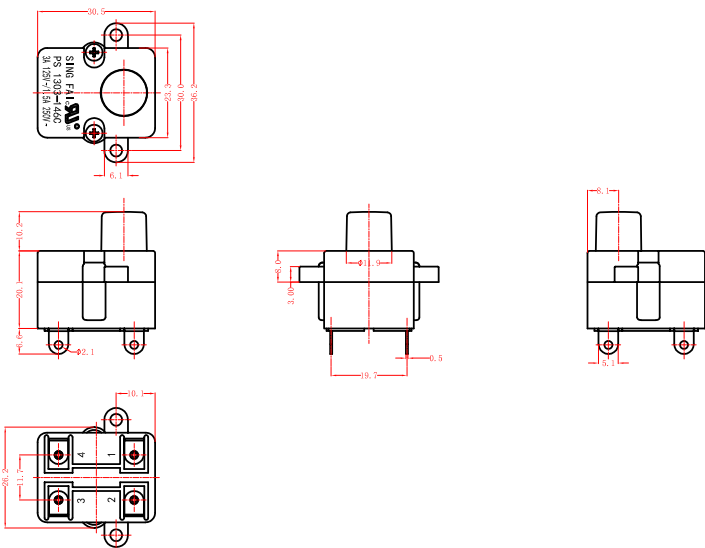
PS146ABC Series



PS 146ABC Series

Safety Approval & Specification 安全認證及規格

 US	UL1054	 KEMA	
3A 125V AC 1.5A 250V AC			



PS — 1 2 0 3 ————— 146 A

Fuction	Current	Function		
		Postion 1	Postion 2	Postion 3
12 1P2T	03 3A 125V AC 1.5A 250V AC			
13 1P3T				
				



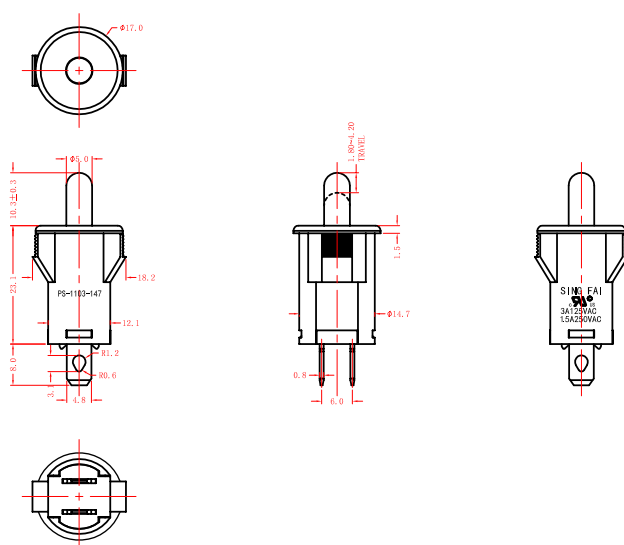
Safety Approval & Specification 安全認證及規格



UL 1054



3A 125V a. c.
1.5A 250V a. c.

PS—

1	1	0	3
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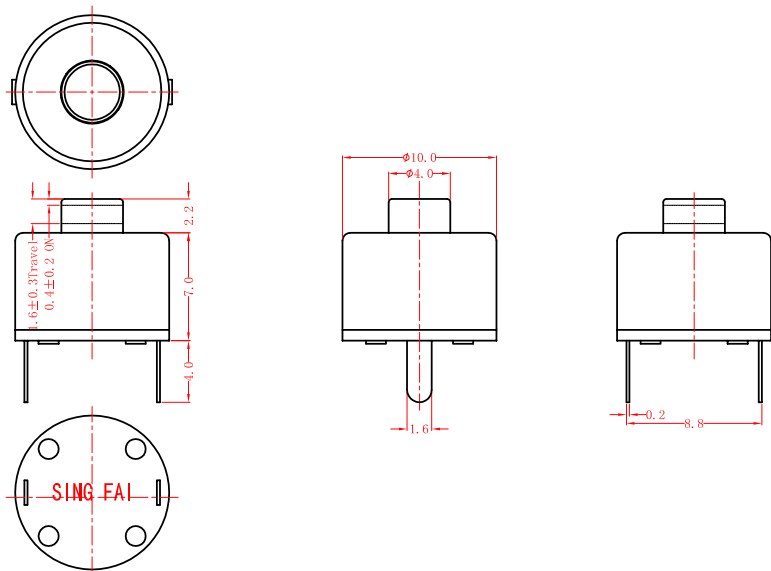
—147

Circuit		Current	
11	 (ON) - OFF	03	3A 125V AC 1.5A 250V AC

PS150A Series



PS 150A Series



PS — 1 2 0 2 — 150A — K1 — T1

Circuit	Remark	Current	Knob Type	Terminal type
12	OFF-ON With "Try me" Function	02 1.5A 6V DC	K1	T1

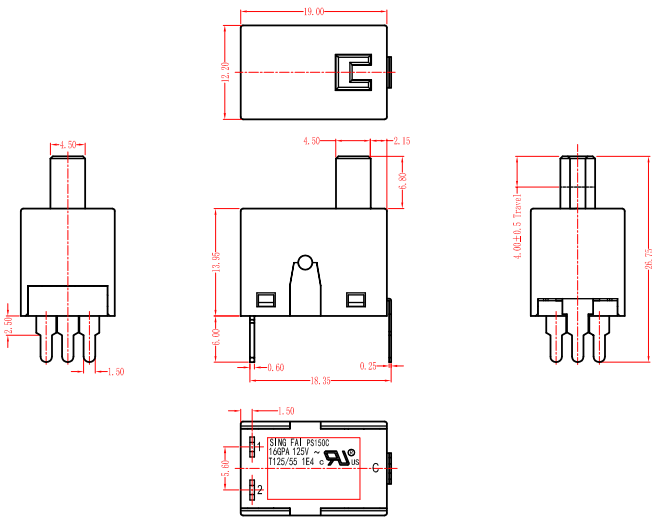
PS150C Series



PS 150C Series

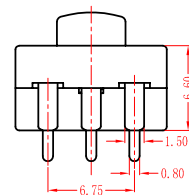
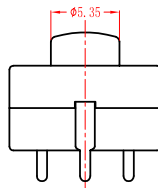
Safety Approval & Specification 安全認證及規格

 US	UL61058		
16GPA 125V a.c.	T125/55 T85 /55 1E4		
10GPA 125V a.c.			
6GPA 125V a.c.			



PS150C -B -16 -1 -P

Function	Current	Button Type	Terminal type
Pos.1 OFF	16 16GPA 125V a.c.	1	S
Pos.2 C+1	10 10GPA 125V a.c.		
Pos.3 C+1+2	6 6GPA 125V a.c.		
Pos.1 C+1		2	P
Pos.2 C+2			
Pos.3 C+2			



FUNCTION		CIRCUIT				Current		Terminal number		Lower housing type		Terminal type
		Pos.1	Pos. 2	Pos. 3	Pos. 4							
1 2	1P2T					01	1A 125V AC 1A 12V DC	L		01		See attached
		OFF	ON(C+2)									
1 2	1P2T							L-S2		None		
		OFF	ON(C+1+2)									
1 3	1P3T							L-S4				
		OFF	ON(C+2)	OFF	ON(C+1)							
1 4	1P4T											
		OFF	ON(C+2)	ON(C+3)	ON(C-1)							

PS150D Series

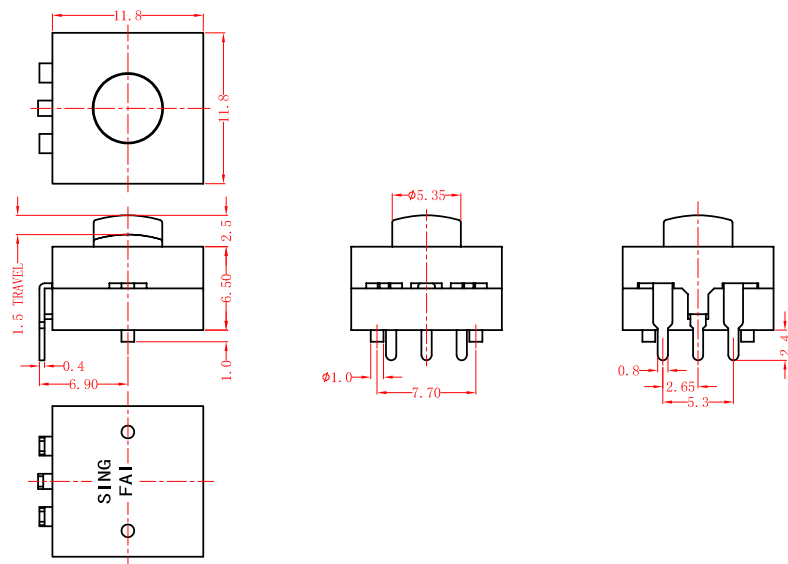


TERMINAL TYPE					
None (Default)		S4		002	
S1		4T		003	
S2		4T1		017	
S3		001		018	

PS150D-XT Series



PS 150D-XT Series



PS 1 2 0 1 150D 2T 01 SD

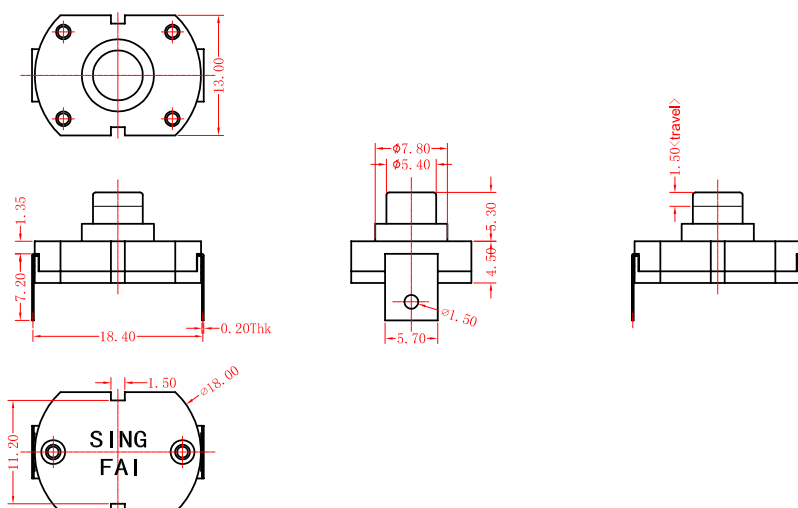
FUNCTION	CIRCUIT			Current
	Pos. 1	Pos. 2	Pos. 3	
12 1P2T With "Try me"				01 1A 125V AC 1A 12V DC
13 1P3T				
12 1P2T				

Terminal type		Lower housing type	Flash function
2T		02 	SD With "Try me"
3T			

PS150E Series

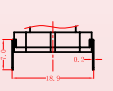
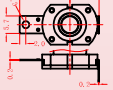
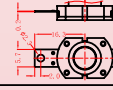
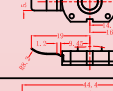
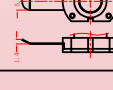


PS 150E Series



PS-1201-150E-02-G5.3

Function	Current
11  PUSH OFF	01 1A 125V AC
11  PUSH ON	
12  ON-OFF	

Terminal Type		Knob Type
1101 	06 	G3.8 
02 	062 	G5.3 
02 SMALL HOLE 	08 	G7.1 
03 	092 	1101 
04 	2AA 	

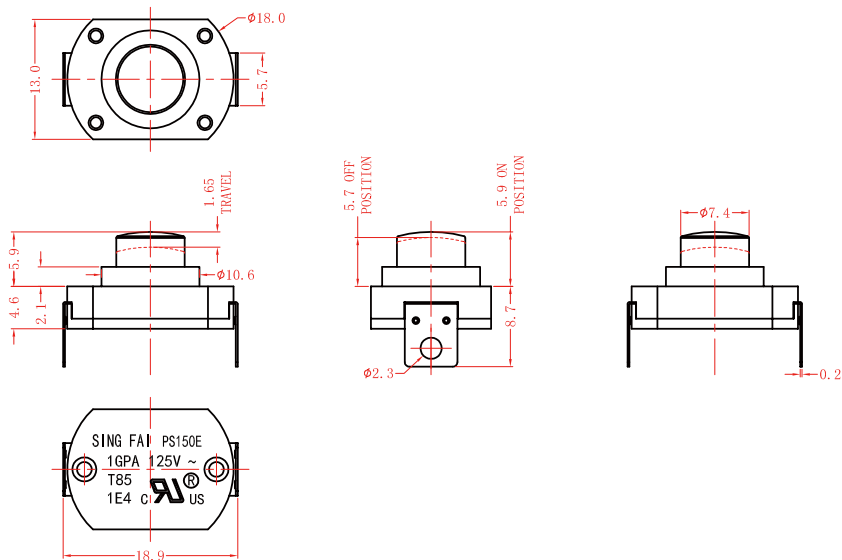
PS150E-PC Series



PS 150E-PC Series

Safety Approval & Specification 安全認證及規格

 US UL61058	 05 KEMA	
1GPA 125V a.c. T85 1E4		



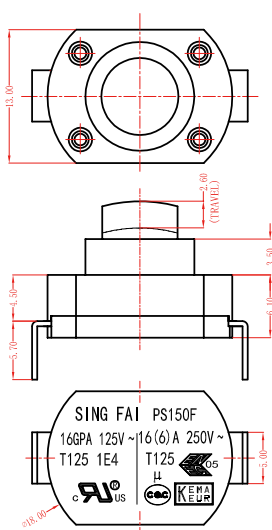
PS150E-A -1 -PC -02 -G5.8

Function	Rating	Material	Terminal Type	Knob Type
A (ON-OFF)	1 1GPA 125V a.c. T85 1E4	GF Glass Fibre	02	G5
D (ON-OFF)		PA Polyamide	03	G5.8
E (OFF-ON)		PC Polycarbonate (PC)	06	G7.8
			062	G7.9
			09	

PS150F Series



PS 150F Series



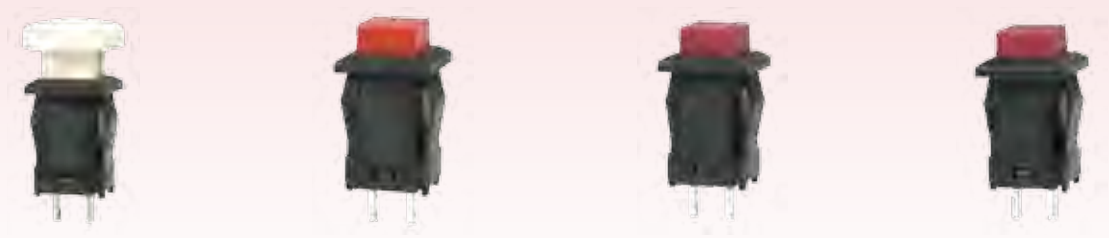
Safety Approval & Specification 安全認證及規格

US UL61058		05 KEUR	
16GPA 125V a.c.	T125 T85 1E4	16(6)A 250VAC	T125
10GPA 125V a.c.		13A 125V AC 6.5A 250V AC	T80/55
6GPA 125V a.c.			
1GPA 125V a.c.			

PS150F -A -16 -GF -02 -G3.7

Function		Current	Material	Terminal Type	Knob Type
A	OFF-ON	16 16GPA 125V a.c. 16(6)A 250V a.c.	GF Glass Fibre	001	G0.8
D	(ON)-OFF Push ON		PA Polyamide		G2.9
E	(OFF)-ON Push OFF			G3.7	
				02	G5.8
				03	G7.8
				04	G7.9
				06	G8.0
P					
09A					
				10	

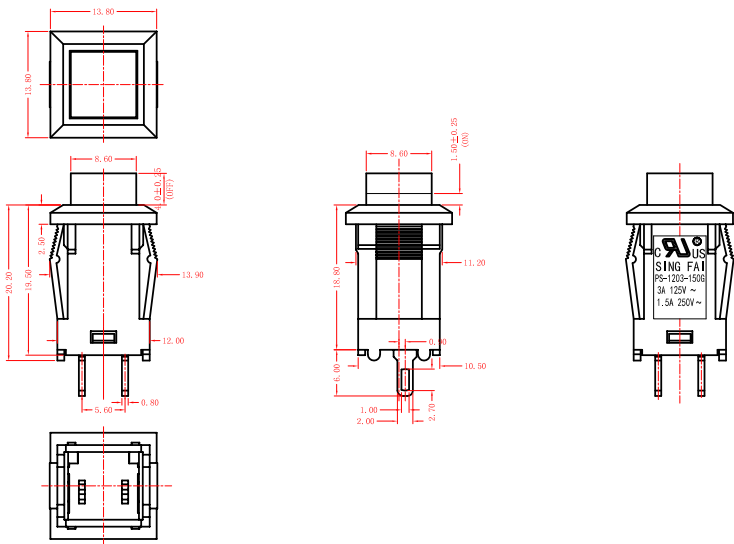
PS150G Series



PS 150G Series

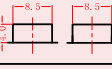
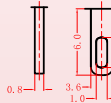
Safety Approval & Specification 安全認證及規格

 US UL1054		
3A 125V a.c. 1.5A 250V a.c.		



PS 1 2 0 3 -150G -K -R -K1 -T1

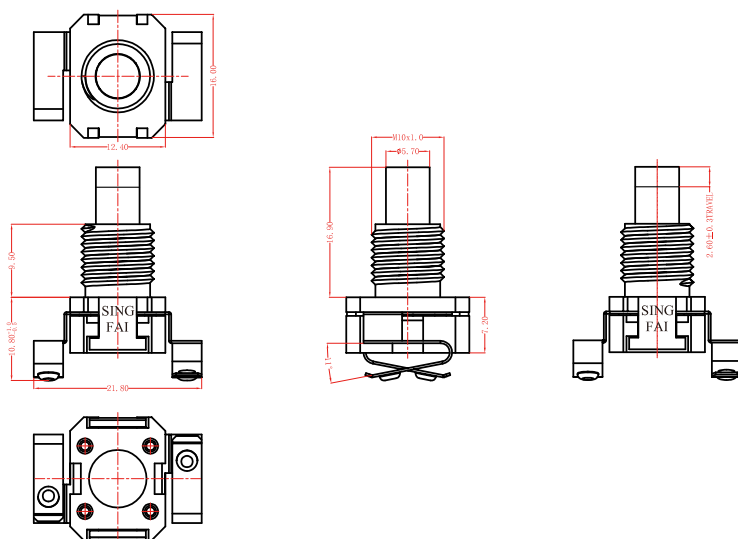
Function	Current
11 (ON)-OFF	03 3A 125V a.c. 1.5A 250V a.c.
12 ON-OFF	

Housing Color	Knob Color	Knob Type	Terminal Type
K Black	R Red	K1 	T1 
B Bright red	B Bright red		

PS150H Series



PS 150H Series



PS- 1 2 0 1 -150H -02 -N2

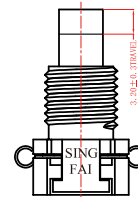
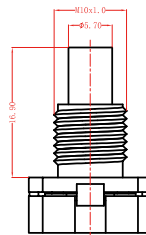
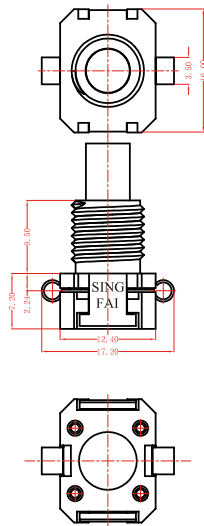
Function	Current
12 ON-OFF	01 1A 125V a. c. 0.5A 250V a. c.

Terminal Type		Nut type	
NONE	01	None	No Nut
		N1	N1
		N2	N2

PS150J Series



PS 150J Series



PS-1201

-150J

-K1

-02

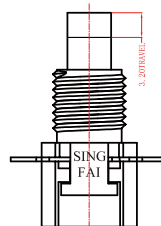
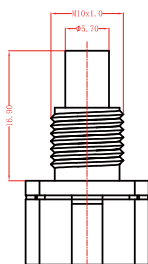
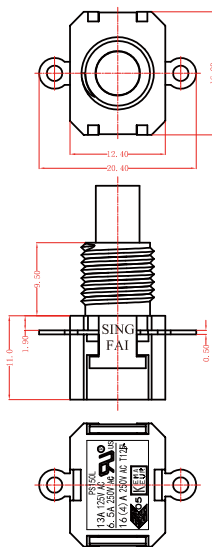
Function	Current
01	1A 125V AC 0.5A 250V AC
ON-OFF	

Terminal Type	Nut (Option)
NONE	None No Nut
01	N1
02	N2



Safety Approval & Specification 安全認證及規格

 	 	
UL1054 13A 125V a.c. 6.5A 250V a.c.	16(4)A 250V a.c.	T125
10A 125V a.c. 5A 250V a.c.		
6A 125V a.c. 3A 250V a.c.		



Function		Rating	
A	ON-OFF	13	13A 125V a. c.
E	(OFF)-ON		16(4)A 250V a. c. T125

Terminal Type		Operation Force		Nut type	
NONE		F600	600 gf	None	No Nut
		F1000	1000 gf	N1	 METALLIC: BRASS
01				N2	 METALLIC: PLASTIC
02					

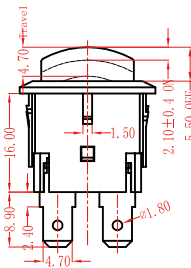
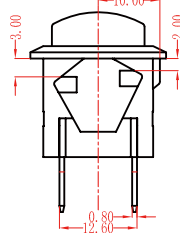
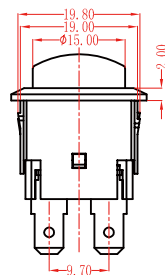
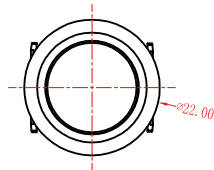
PS172 Series



PS 172 Series

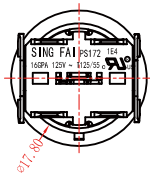
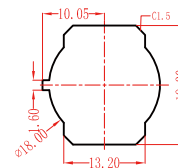
Safety Approval & Specification 安全認證及規格

 US	UL61058		
16GPA 125V a.c.	T125/55 T85/55 IE4		
10GPA 125V a.c.			
6GPA 125V a.c.			

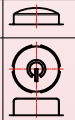
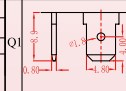
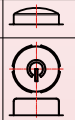
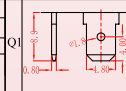


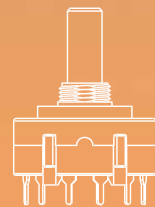
Suggested panel hole size

Panel thickness
2.0mm
3.0mm



PS172 -N -16 -A -1 -K -R -0 -0 -Q1

Function	Current	Housing Type	Button Type	Housing Color	Knob Color	Printing	Printing Color	Terminal Type
A (ON-OFF w/lock (double poles))	16			K BLACK R RED	K BLACK DR DEEP RED OR ORANGE	0 NONE M10	0 NONE R RED W WHITE	
A1 (ON-OFF w/lock (single pole))	10							
D (ON-OFF (double poles))	6			K BLACK R RED	K BLACK DR DEEP RED OR ORANGE	0 NONE M10	0 NONE R RED W WHITE	
D1 (ON-OFF (single pole))	6							
N ON-OFF w/ lamp								
R (ON-OFF w/ lamp)								



旋轉開關
ROTARY SWITCH



RT185 P55



RT185 P56



RT186 P57



RT189 P58

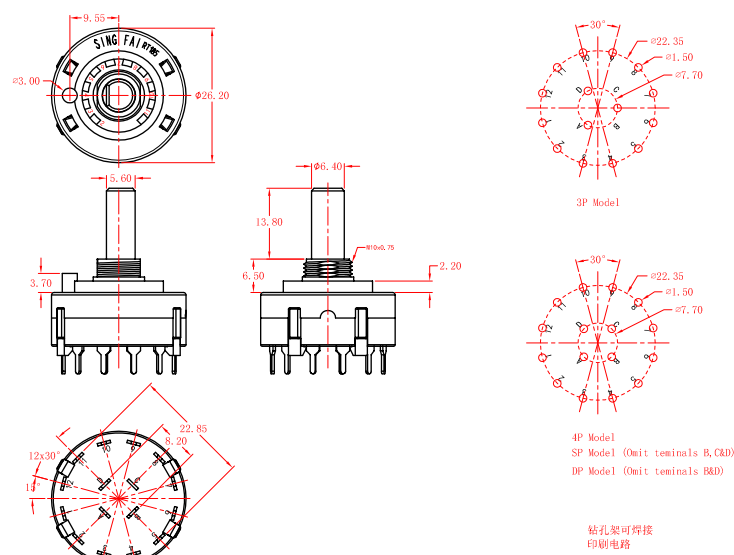


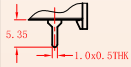
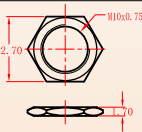
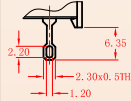
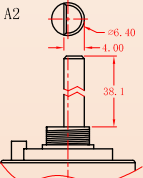
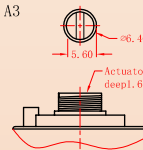
RT190 P59

RT185 Series

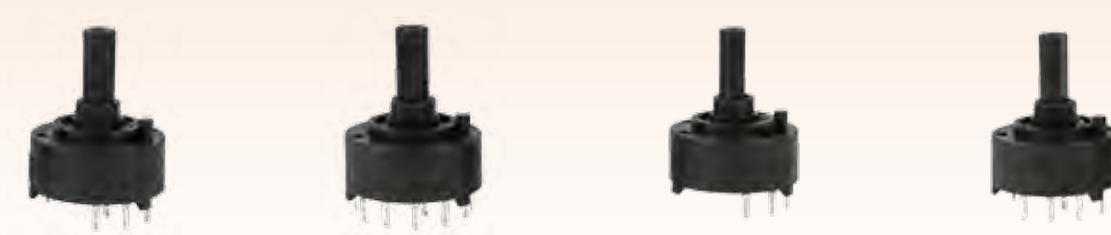


RT 185 Series



RT185		-11	-3	-K	-A2	-S	-N		
Function & Circuit type See attached	Current		Housing color		Actuator Type	Terminal Type		Nut Type	
	3 2.5A 125V AC		K Black			P	0	None	
								S	N
					A1				
									
					A2				
					A3				

RT185 Series



Function & circuit Type						
NO	1	2	3	4	5	6
FUNCTION	1P2T	1P3T	1P4T	1P5T	1P6T	1P7T
CIRCUIT DIAGRAM						
NO	7	8	9	10	11	12
FUNCTION	1P8T	1P9T	1P10T	1P11T	1P12T	1P13T
CIRCUIT DIAGRAM						
NO	13	14	15	16	17	18
FUNCTION	1P3T with spring return	1P4T with spring return	1P5T with spring return	1P6T with spring return	1P7T with spring return	1P8T with spring return
CIRCUIT DIAGRAM						
NO	19	20	21	22	23	
FUNCTION	2P2T	2P3T	2P4T	2P5T	2P6T	
CIRCUIT DIAGRAM						
NO	24	25	26			
FUNCTION	3P2T	2P3T	2P4T			
CIRCUIT DIAGRAM						
NO	27	28				
FUNCTION	4P2T	4P3T				
CIRCUIT DIAGRAM						

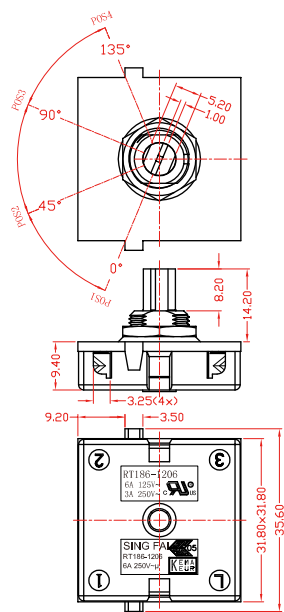
RT186 Series



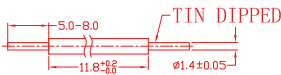
RT 186 Series

Safety Approval & Specification 安全認證及規格

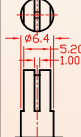
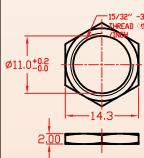
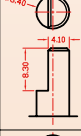
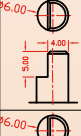
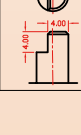
 US	UL1054		
6A 125V a. c. 3A 250V a. c.			



- Notes:
- push-in terminals
 - accept AWG18&20 stranded wire with tin dipped strip length 8.0mm max.
- Strip length:



RT186 -14 -06 -A1 -C1 -N

NO	CIRCUIT DIAGRAM				Current	Actuator Type	Cover type	Nut type	
	POS1	POS2	POS3	POS4					
14	L+1+3	L+1+2	L+2+3		06 6A 125V a. c. 3A 250V a. c.			0	None
13	OFF	L+1+3	L+1+2					N1 	
12	L+1+3								
						A2 	C2 		
						A3 			
						A4 			

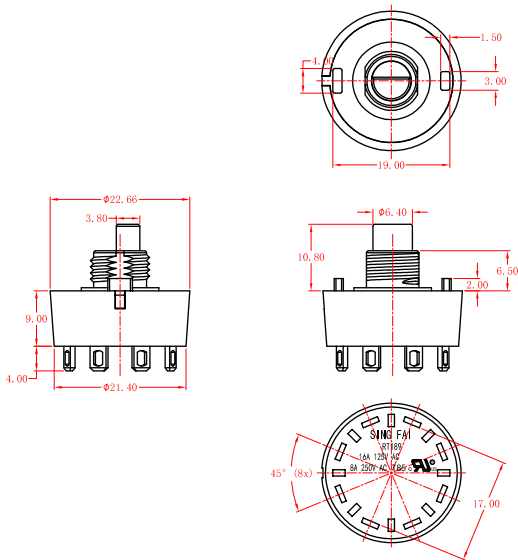
RT189 Series



RT 189 Series

Safety Approval & Specification 安全認證及規格

 US	UL1054		
16A 125V a. c.	T85		
8A 250V a. c.			



RT189

-24

-16

-A2

-T1

	24	23	22	18	17	Current	Actuator Type	Terminal type
Circuit						16 16A 125V a. c. 8A 250V a. c.	 A1 4.5 3.8 6.4 1.6	 T1 4.00 1.6 0.80A 0.87mm
Circuit								
							 A2 5.2 1 6.4	

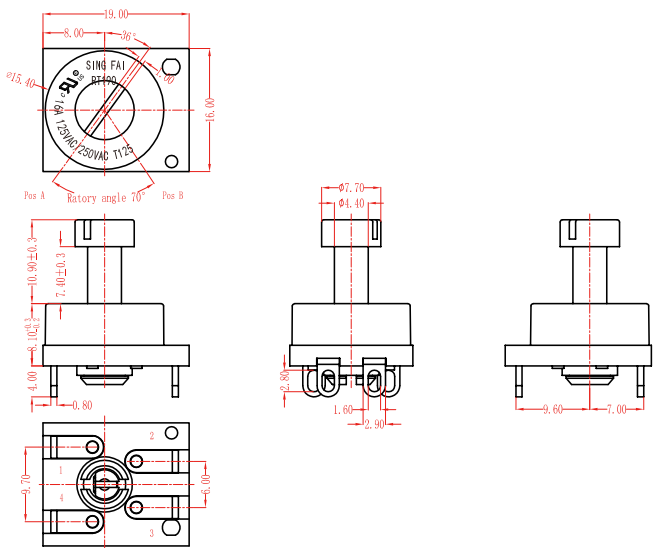
RT190 Series



RT 190 Series

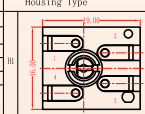
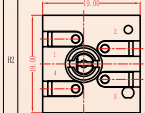
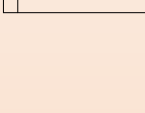
Safety Approval & Specification 安全認證及規格

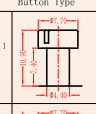
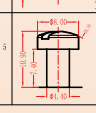
 US	UL1054	 KEMA	
16A 125/250V AC	T125		

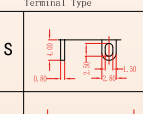
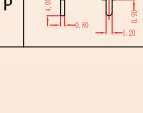


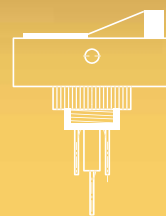
RT190 -1 -A -K -K -H1 -1 -S

Function	Current	Housing Color	Knob Color	Housing Type	Button Type	Terminal Type
Position	Connected	A 16A 125V a.c./250V a.c.	K BLACK	K Black		
1	A 1-2 3-4	R RED	W White			
	B 2-3		G Grey			
			R Red			
			B Blue			

		
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汽車開關
AUTOMOTIVES SWITCH



RS66X P61



RS69X P62

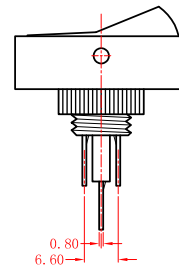
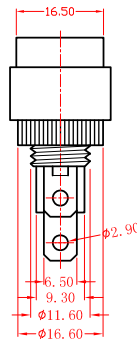
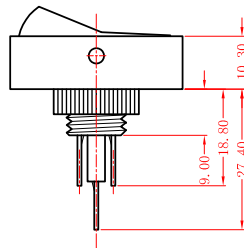
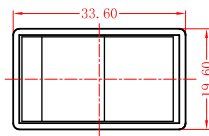


PS603 P63

RS66X Series



RS 66X Series



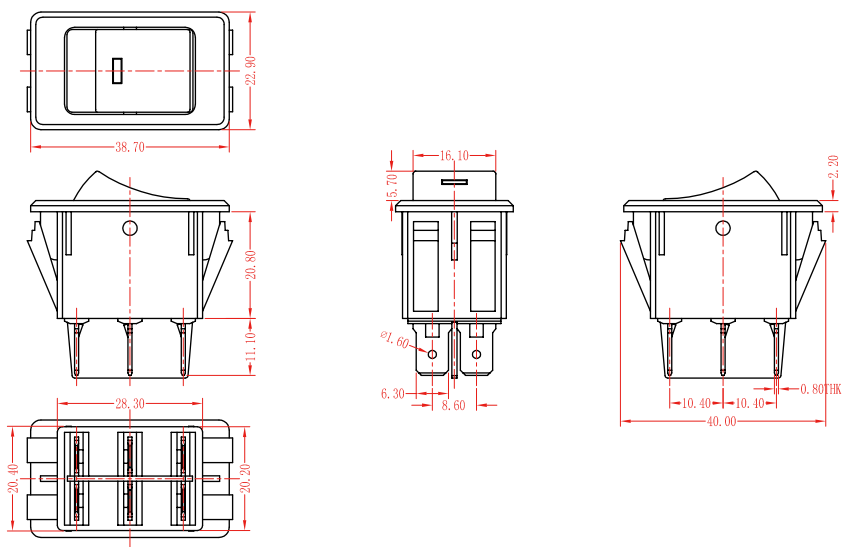
RS — 1 2 2 0 — 66 0 — K — K — — — A 2

Circuit	Current	Neon Lamp	Housing Colour	Knob Colour	Printing	Color of Printing	Terminal Type
12	20 20A 12V DC	0 None Neon Lamp	K Black	K Black	0 NONE	0 NONE	
12		1 With Neon Lamp		R RED			
				G GREEN			
				B BLUE			
				OR ORANGE			

RS69X Series



RS 69X Series



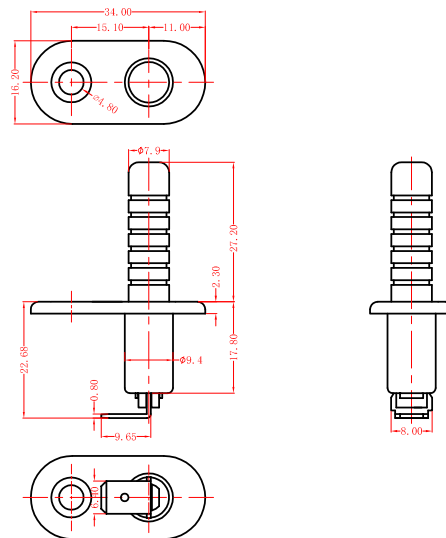
RS69 0 — 2 2 1 5 — K — K — M17 — W — A1

Color of Neon Lamp	Circuit	Current	Housing Color	Knob Color	Printing	Color Of Printing	Terminal Type
0 None LED		15 15A 125V AC	K Black	K Black	0 NONE	0 None	
1 Orange		20 20A 12V DC			M17	W White	
2 Blue					M18		
3 Green					M19		
4 Red							

PS603 Series



PS 603 Series



PS603 — E — 2 — A1

Circuit	Current	Knob type
E ON-(OFF)	2 2A 12V DC	A1 A2

SGS

Certificate CN08/30775

The management system of

SINGFAI ELECTRIC (DONGGUAN) COMPANY LIMITED

213-2, Bubugao Road, Jiang Bei Village, Wuzar, Chang An,
Dongguan City, Guangdong Province, P.R. China

has been assessed and certified as meeting the requirements of

ISO 9001:2008

For the following activities

Manufacture of switches use for home electric appliance

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008
requirements may be obtained by consulting the organisation

This certificate is valid from 14 May 2014 until 14 May 2017
and remains valid subject to satisfactory surveillance audits.

Re certification audit due before 30 April 2017

Issue 4. Certified since 15 May 2008

Authorised by

SGS United Kingdom Ltd. Systems & Services Certification
Rossmore Business Park, Ellesmere Port, Cheshire CH65 3EN, UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com

SGS 9001-8 01 0311

Page 1 of 1



005



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OUR CERTIFICATE

ENEC LICENCE

Licence No. ENEC-01391
Page 1/2
Date of Issue 2018-01-27

Licence Holder: SHAO FAI ELECTRIC CO.
12TH FL. PLAT B
KAM MAN FUNG FACTORY BLDG
8 HONG MAN ST
CHAI WAI, Hong Kong

Production site: Shao Fai Electric Co Ltd
213-2, Buttepin Rd
Jiang Bin Village
Wuxi, Chang An
Dongguan, 523817 Guangdong China

Certification Mark: See Annex 1
Certified Product: Switches for Appliances
Model: S216T Series
Trademark: SF

Rated Voltage / Frequency: 100V A, 250 V~, T105 or T16 or T15
192V A, 250 V~
See Rated Voltage / Frequency

Rated Current / Power: - 45
Insulation Class II

Degree of protection (IP): IP01, IP00S, I, 2003/10/2008, EN 61008-1 2000
Tested acc. to IEC 61008-1 A-I issued on 2016-07-27

Test Report No. Additional: For appliance class II
Type of switch is microswitch

for Mr. Raymond
Certification Manager
Shao-Fai Dongguan

Certification Body
18, International Commerce City, Tung Chung Road, Lantau Island
Batteries, Cheung Chau, Tel.: +854 88 52 52 52, Email: info@enec.com.hk
www.enec.com.hk

CERTIFICATE OF COMPLIANCE

Certificate Number
Report Reference
Issue Date

20130908-E111395
E111395-20130905
2013-SEPTEMBER-06

Issued to:

SING FAI ELECTRIC CO
12TH FL. FLAT B
KAM MAN FUNG FACTORY BLDG
6 HONG MAN ST CHAI WAN HONG KONG

This is to certify that
representative samples of

COMPONENT - SWITCHES, APPLIANCE AND SPECIAL
USE
Micro Switches, MS188 f/b -D, E or F, f/b -10, -6 or -1, f/b -
F220 or -F100, f/b -0, -A or L, f/b -T1, T2 or -P

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

Additional Information:

UL 61058-1-Standard for Appliance Switches
CAN/CSA 22.2 No. 61058-1-09
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark may be used in conjunction with the required recognized marks. The Recognized Component Mark is a mark that is specified in the UL Directory preceding the recognized marks.

UL's Recognized Component Mark for Canada consists of the manufacturer's identification and catalog number, model number and/or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.

William H. King
Vice President, Director, North America Certification Programs
UL LLC
Any variations and abbreviations should be
indicated in full in Customer Order Form.

VDE Prüf- und Zertifizierungsinstitut

**ZEICHENGENEHMIGUNG
MARKS LICENCE**

Sing Fai Electric Co. Ltd.
Flat B 12/F, Kam Man Fung Bldg.
6 Hong Man St.
**CHAI WAN
HONGKONG**

(as permitted for its Product)
(as authorized to use for their product)

Geräteschalter
Switch for appliances
RS-1215-16Z; RS-1215-16S
RS-1215-16ZN; RS-1215-16SN

(die hier angegebenen Produktbezeichnungen spezifizieren Zeichen
für die ab Seite 3 aufgeführten Typen zu verwenden /
the legally protected Marks are shown below for the types referred to on page 2 ff.)

(geprüft und zertifiziert nach /
tested and certified according to)

DR 90 170801-0001-0002 für 111800-001 DR 91001-1000 - 811000

Antragnummer: 2218300-8401-0003 / 38820
File ref.:
Antrags-Nr.: A0008478 Blatt 1
Licence No.: Page:
Lizenznehmer Name, Funktion und Organisation:
Name, Funktion und Organisation des Herstellers und Zulieferer:
Dokument-Nr.: 2004-02-23
Datum Änderung/Validiert: 2008-03-04 |

VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Zertifizierungsstelle
Certification Center

Müller

WENN VERANDERUNG DER BEZUGSGRÜNDE
ELEKTROTECHNISCHES LÖS

CERTIFICATE

Issued to:
Applicant:
Sing Fai Electric Co.
Flat B, 13/F, Kam Man Pung Factory Bldg.,
Hing Mai St., CHAI WAN, Hong Kong

Manufacturer(s):
Sing Fai Electric Co.
Flat B, 13/F, Kam Man Pung Factory Bldg.,
Hing Mai St., CHAI WAN, Hong Kong

Product(s):
Trade name(s): **WKS FAU (SF)**
Type(s) name(s): **2000W Series**

The product and any derivative variation thereof is certified to the American Institute of Certified Electrical Insulators (AIEI) standard.

DEKRA hereby declares that the above mentioned product has been certified on the basis of:
- a type test according to the standard IEC 61008-1 / IEC 61009-1
- a certification agreement according to CENELEC Operational Electrical CPE 001
- a certification agreement with number 2079162

DEKRA hereby grants the right to use the IEC DEKRA-KEMA-KELLER certification mark.

The IEC DEKRA-KELLER certification mark may be applied by the product manufacturer in accordance with the conditions of the IEC DEKRA-KELLER certification agreement.

This certificate is issued on: 31 January 2013 and expires upon withdrawal of one of the above mentioned conditions number 2079162

DEKRA Certification is by:


Mr. H.M. Barendse
Managing Director


H.M. Barendse
Certification Manager

It is a condition of this certificate that the applicant:

All testing, inspection, building and certification activities of the former KEMA Quality will now be done by the DEKRA Certification Group.

ACCREDITED BY:
THE DUTCH SOURCE FOR ACCREDITATION

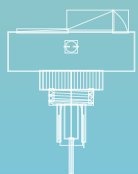






[KEMA Certification] is a Department of the Dutch Source for Accreditation
c/o DEKRA Certification Group, P.O. Box 1100, 3820 ZG Amstelveen, The Netherlands
t +31 (0) 20 480 20 00 f +31 (0) 20 480 20 01 www.dekra-certification.com Registered in the Netherlands

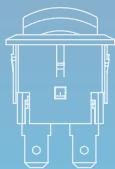
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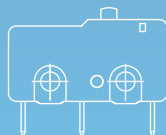
汽車開關
AUTOMOTIVES
SWITCH



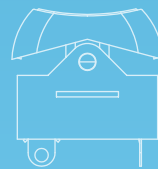
旋轉開關
ROTARY
SWITCH



按動開關
PUSH BUTTON
SWITCH



微動開關
MICRO
SWITCH



翹板開關
ROCKER
SWITCH



滑動開關
SLIDE
SWITCH



星輝電業公司
SING FAI ELECTRIC CO.

S W I T C H E S [SUBSIDIARY OF SING FAI ELECTRIC CO., LTD.]



Certificate CN08/30775

香港柴灣康民街六號金萬豐工業大廈12樓B座
Flat B., 12/F., Kam Man Fung Factory Building,
No.6 Hong Man Street, Chai Wan, Hong Kong
Tel : (852) 2557 5192, 2557 5266 Fax : (852) 2896 5736
E-mail : admin@singfaiswitch.com

廣東省東莞市長安鎮烏沙社區江貝村步步高大道213-2號
213-2, Bubugao Road, Jiang Bei Village, Wuzar, Chang An,
Dongguan, Guangdong, 511768, China
Tel : (86) 769 8554 3987, 769 8544 1990
Fax : (86) 769 8539 3396

公司網頁
Company Website

