SR	25	1	2	F	–02	06	–19	F	1	A	–C	9	–N	–XXX
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

1. Kind of Switch
SR Rotary Switch

2. Diameter of Switch

3. Number of Section

4. Type of Terminal

Code	Terminal Type
1	Wiring Type
2	PCB Type

5. RoHS Version
F indicates RoHS Compliance

6. Number of Pole

7. Number of Position

8. Length of Shaft

9. Type of Shaft

Code	Type of Shaft
F	Flat
K	Teeth Knurl
R	Round

10. Flat Cut of Shaft Direction (Refer to Figure 1)

Code	Flat Cut of Shaft Direction
0	0^0
1	30^0
2	45^0
5	90^0

FIGURE-1

11. Diameter of Shaft

Code	Diameter of Shaft
A	ϕ6.0mm
B	ϕ6.35mm

12. Length of Bushing

Code	Length	Code	Length
B	5mm	E	9.5mm
C	6mm	N	7mm
D	8mm		

13. Outer Diameter of Bushing

Code	Diameter of Bushing
9	M9
8	3/8"

14. Timing

Code	Timing
N	Non-shorting (break-before-make)
S	Shorting (make-before-break)
F	Free (Undefine)

15. Serial No.

TAIWAN ALPHA

Specification

Rating: 16V DC 0.1A
Contact resistance (initial performance/ after life test): 50Ω Max./150mΩ Max.
Rotational torque: 400 ± 200gf.cm
Operating life: Without load - 10,000 cycles
With load - 10,000 cycles (16V DC 0.1A)

SR10010F-□□-LF0A-C7-N

CHANGEOVER ANGLE: 30°±3°

ORDER NO.	SW. FUNCTION
SR10010F-0102	SP 2 POS.
SR10010F-0103	SP 3 POS.
SR10010F-0104	SP 4 POS.
SR10010F-0105	SP 5 POS.
SR10010F-0106	SP 6 POS.

L=15,20,25,30

CHANGEOVER ANGLE: 30°±3°

ORDER NO.	SW. FUNCTION
SR10010F-0202	DP 2 POS.
SR10010F-0203	DP 3 POS.
SR10010F-0204	DP 4 POS.
SR10010F-0205	DP 5 POS.

Shaft type: K,R,S,F-TYPE

*0206.0402.0403.0404.0405 are available for details

Specification

Rating: 16V DC 0.1A
Contact resistance (initial performance/ after life test): 50mΩ Max./150mΩ Max.
Degree of rotation: 360° endless
Rotational torque: 15 ± 7mN.m (300 ± 150gf.cm)
No. of clicks per 360°: 20
Operating life: Without load - 30,000 cycles
With load - 30,000 cycles (16V DC 0.1A)

SR10030F-LK-C7

L:15, 20, 25, 30

Pulse Switch Circuit Diagram
C.W. :①②ON during changeover only
C.C.W. :③④ON during changeover only

Model	Standard Circuit Diagram			
SR1102F-□□-LF	0104	0204	0304	0404

Dimension

Specification

Changeover angle	90°
Timing	Shorting
Rating	30V DC 0.3A
Contact resistance	50mΩ Max.
Rotational torque	1.0 ± 0.2 kgf-cm
Withstand voltage	500V AC - 1 Minute
Insulation resistance	500V DC - 100MΩ Min.
Operating life	10,000 cycles

Metal shaft & Metal bushing

Teeth knurl ($^{K}_{TYPE}$)	Flat shaft ($^{F}_{TYPE}$)	Slotted type ($^{S}_{TYPE}$)	Round type ($^{R}_{TYPE}$)

TAIWAN ALPHA

SR1712F-□□-LK0A-N9-N
SR1712F-□□-LK0A-B9-N

Number of poles	1	2
Circuit diagram		

Dimension

Length	N9	B9
D	7	5

Applications

- All types of electronic equipment such as amplifiers, tuners, radio, etc.

Specification

- Rating 16V DC 0.3A
- Contact resistance 50mΩ Max.
- Rotational torque 200 ± 100gf. cm
- Operating life 10,000 cycle

Changeover angle	30°			
Number of positions	2 TO 9	2	3	4
Number of poles	1	2		
Timing	Non-shorting			
Shaft style	Flat shaft, Teeth knurl			
Shaft length L (mm)	15, 20, 25			
Material of shaft	Plastic			
Terminal style	Through-hole PCB			
Number of sections	One Section only			

Shaft style

Teeth knurl (K)	Flat shaft (F)

TAIWAN ALPHA

SR2411-0205-LF0B-C8-N-004

OUTLINE DRAWING

Timing: Non-Shorting

L	19
F	10.2

Specification

Rating:	125V AC 5A 250V AC 2.5A 125V DC 0.5A
Rotational torque:	300±100 gf.cm
Contact resistance:	20mΩ Max
Insulation resistance:	1000MΩ
Withstanding voltage:	1000V AC(50~60Hz,2mA)
Operating life(With load):	10,000 cycles(250V AC,2.5A) 10,000 cycles(125V DC,0.5A)

TAIWAN ALPHA

SR1812F-0112-LK	SR1812F-0112

Dimension

Specification

Changeover angle	30° (Non-stop is available)
Timing	Non-shorting
Rating	30V DC 0.3A
Contact resistance	50mΩ Max.
Operating force	300±100 gf.cm
Withstand voltage	500V AC-1 Minute
Insulation resistance	500V DC-100MΩ Min.
Operating life	10,000 cycles

Metal shaft

Teeth knurl ($_{TYPE}^{K}$)	Flat shaft ($_{TYPE}^{F}$)	Slotted type ($_{TYPE}^{S}$)	Round type ($_{TYPE}^{R}$)

TAIWAN ALPHA

Model	Outline Drawing

SR2511F-□□-LF0A-C9-S

Rating: 125V AC 0.3A
Timing: Shorting or Non-Shorting

L=10～45mm
D=ø6mm
CHANGEOVER ANGLE=30°

ORDER NO.	SW. FUNCTION	ORDER NO.	SW. FUNCTION
SR2511F-0102	SP 2 POS.	SR2511F-0202	DP 2 POS.
SR2511F-0103	SP 3 POS.	SR2511F-0203	DP 3 POS.
SR2511F-0104	SP 4 POS.	SR2511F-0204	DP 4 POS.
SR2511F-0105	SP 5 POS.	SR2511F-0205	DP 5 POS.
SR2511F-0106	SP 6 POS.	SR2511F-0206	DP 6 POS.
SR2511F-0107	SP 7 POS.	SR2511F-0302	3P 2 POS.
SR2511F-0108	SP 8 POS.	SR2511F-0303	3P 3 POS.
SR2511F-0109	SP 9 POS.	SR2511F-0304	3P 4 POS.
SR2511F-0110	SP 10 POS.	SR2511F-0402	4P 2 POS.
SR2511F-0111	SP 11 POS.	SR2511F-0403	4P 3 POS.
SR2511F-0112	SP 12 POS.	SR2511F-0602	6P 2 POS.

SR2512F-□□-LK0A-C9-S

L=10～45mm
D=ø6mm
CHANGEOVER ANGLE=30°

Rating: 125V AC 0.3A
Timing: Shorting or Non-Shorting
SR2512 SW. FUNCTION similar to SR2511

SR2513F-□□-LK0A-T-S

L=10～40mm
D=ø6mm
CHANGEOVER ANGLE=30°

Rating: 125V AC 0.3A
Timing: Shorting or Non-Shorting
SR2513 SW. FUNCTION similar to SR2511

Model | Outline Drawing

SR2611F-□□-LF5B-D8-N

Rating: 125V AC 0.3A
Timing: Shorting or Non-Shorting

L=15, 18, 21, 29, 38
CHANGEOVER ANGLE=30°

ORDER NO.	SW. FUNCTION	ORDER NO.	SW. FUNCTION
SR2611F-0102	SP 2 POS.	SR2611F-0202	DP 2 POS.
SR2611F-0103	SP 3 POS.	SR2611F-0203	DP 3 POS.
SR2611F-0104	SP 4 POS.	SR2611F-0204	DP 4 POS.
SR2611F-0105	SP 5 POS.	SR2611F-0205	DP 5 POS.
SR2611F-0106	SP 6 POS.	SR2611F-0206	DP 6 POS.
SR2611F-0107	SP 7 POS.	SR2611F-0302	3P 2 POS.
SR2611F-0108	SP 8 POS.	SR2611F-0303	3P 3 POS.
SR2611F-0109	SP 9 POS.	SR2611F-0304	3P 4 POS.
SR2611F-0110	SP 10 POS.	SR2611F-0402	4P 2 POS.
SR2611F-0111	SP 11 POS.	SR2611F-0403	4P 3 POS.
SR2611F-0112	SP 12 POS.		

SR2612F-□□-LF5B-D8-S

L=15, 18, 21, 29, 38
CHANGEOVER ANGLE=30°
SR2612 SW. FUNCTION similar to SR2611

Rating: 125V AC 0.3A
Timing: Shorting or Non-Shorting

SR2613F-□□-LF5A-D1-N

CHANGEOVER ANGLE=90°

ORDER NO.	SW. FUNCTION
SR2613F-0102	SP 2 POS.
SR2613F-0103	SP 3 POS.
SR2613F-0104	SP 4 POS.

Rating: 125V AC 0.3A
Timing: Non-Shorting

CHANGEOVER ANGLE=60° IS ALSO AVAILABLE UPON REQUEST

SR26 Bushing type

D1	D8	Without bushing
		Only available for following models. SR2611F-0103/0104/0203/0204 SR2612F-0103/0104/0203/0204

SR26 Shaft type

LR0A

L
15
18
38

LR0B

L
15
18
21
38

LK0A

L
33.5

LS0B

L
14.5

LF2A(45°)

L
16

LS5B

L	T
23	1.3

LF5A(90°)

L	A
16	4.5
17	5.0
20	4.6
	5.0
24	4.5

LF5B(90°)

L
15
18
21
29
38

LF6A(270°)

L
20

8S0B

L
8

LF10A(165°)

L
16

8S5B

L
8

TAIWAN ALPHA

Model | Outline Drawing

SR2921F-□□-LK0A-C9-S

D=ø6mm
CHANGEOVER ANGLE=30°

ORDER NO	SW.	FUNCTION		ORDER NO	SW.	FUNCTION	
SR2921F-0107	SP	7	POS	SR2921F-0204	DP	4	POS
SR2921F-0108	SP	8	POS	SR2921F-0205	DP	5	POS
SR2921F-0109	SP	9	POS	SR2921F-0206	DP	6	POS
SR2921F-0110	SP	10	POS	SR2921F-0303	3P	3	POS
SR2921F-0111	SP	11	POS	SR2921F-0304	3P	4	POS
SR2921F-0112	SP	12	POS	SR2921F-0602	6P	2	POS

SR2931F-□□-LK0A-C9-S

D=ø6mm
CHANGEOVER ANGLE=30°

ORDER NO	SW.	FUNCTION		ORDER NO	SW.	FUNCTION	
SR2931F-0105	SP	5	POS	SR2931F-0205	DP	5	POS
SR2931F-0106	SP	6	POS	SR2931F-0206	DP	6	POS
SR2931F-0107	SP	7	POS	SR2931F-0302	3P	2	POS
SR2931F-0108	SP	8	POS	SR2931F-0303	3P	3	POS
SR2931F-0109	SP	9	POS	SR2931F-0304	3P	4	POS
SR2931F-0110	SP	10	POS	SR2931F-0402	4P	2	POS
SR2931F-0111	SP	11	POS	SR2931F-0602	6P	2	POS
SR2931F-0112	SP	12	POS				

Model | Outline Drawing

SR3012F-0116-LK0A-C9-S

Rating: 125V AC 0.3A
Timing: Shorting or Non-Shorting
L=7, 10, 15, 17, 18, 10, 20, 24, 25, 28, 29, 30, 35, 38, 40, 45
D=Ø6mm

CHANGEOVER ANGLE=22.5°

ORDER NO	SW. FUNCTION
SR3012F-0116	SP 16 POS
SR3012F-0208	DP 8 POS
SR3012F-04044P	4 POS

SR3013F-0116-LK0A-T-S

Rating: 125VAC0.3A
Timing: Shorting or Non-Shorting
L=10, 15, 20, 25, 30, 35, 40
D= Ø6mm

CHANGEOVER ANGLE=22.5°
SR3013F SW. FUNCTION similar to SR3012

SR3504F-LFIA-C8-K

FLAT CUT OF SHAFT DIRECTION

A	0°
I	180°
K	270°

125V AC 0.3A

T \ P	1	2	3	4	5	6	7	8	9	10	11	12
A1B1	○		○		○		○				○	
A2B2		○		○		○		○				○
A6	○		○		○		○		○		○	
B7		○		○		○		○		○		○
A9	○		○		○		○				○	
B10				○		○				○		○
B11		○			○		○				○	
A12B12	○		○	○		○		○				○

L=16, 20
D =Ø6, Ø6.35mm
CHANGEOVER ANGLE=22.5°

TAIWAN ALPHA