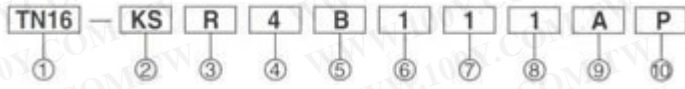








勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



Designation	Signal	Description	
1. Mounting hole	TN16	16m/m series	
2. Type	SS	knob operator	
	KS	key operator	
3. Shape	R	Round	
	S	Square	
	L	Rectangural	
4. Operator Protection	4	IP40	
	6	IP65	
5. Color	R	red	
	G	green	
	B	black	
6. Positions	1		90° 2-position
	2		90° 2-position spring return from right
	3	-	180° 3-position
	4		150° 3-position spring return from right
	5		150° 3-position spring return from left
	6	-	150° 3-position 2-way spring return
	7	-	90° 3-position
	8		90° 3-position spring return form right
	9	-	90° 3-position spring return from left
	0	-	90° 3-position 2-way spring return
7. Type of contact blocks fitted		2-positon	3-position
	1	1a1b	—
	2	2a2b	1a1b 0 1a1b
	3	3a3b	1a1b 1a1b 1a1b
8. Key withdrawable	1		0,1
	2	-	0key withdrawable
	3	2-position	1key wintdrawable
	4	-	0,1,2key wintdrawable

	5		0 key withdrable	
9.Key No.	A	F	2132	3123
	B	G	2231	3133
	C	H	2313	3213
	D	I	2331	3231
	E	J	3131	3331
10.Terminal	None		Solder/Plug-in	
	P		Pc Board	

KSR/KSS/KSL Types only available in black colors.

Characteristics

Contact resistance	50mΩ max. (initial)
Insulation resistance	100MΩmin. (at 500VDC)
Dielectric strength	1000VAC, 50/60 Hz for 1 minute between non-continuous terminals 2000VAC, 50/60 Hz for 1 minute current-carrying part and ground
Vibration	Mechanical durability: 10 to 55 Hz 1.5mm double amplitude
Shock	Mechanical durability: Approx. 500m/sec ² (approx. 50G's) Malfunction durability: Approx. 500m/sec ² (approx. 50G's)
Ambient operating temperature	Operating: -25°C to 55°C Storage: -30°C to 80°C
Humidity	45% to 80% RH
Mechanical Life (min)	250,000 operations
Electrical Life (min)	100,000 operations

Key withdrable

2-positions



3-positions



2-positions

Key withdrable	1	2	3
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1	•	•	•	—	—	•
---	---	---	---	---	---	---

1	•	•	•	—	—	•
2	•	•	•	—	—	•

3-positions

Positions	Key withhdwrable			1			2		
	1	0	2	1	0	2	1	0	2
3	•	•	•	—	•	—	—	•	—
4	—	—	—	—	•	—	—	•	—
5	—	—	—	—	•	—	—	•	—
6	—	—	—	—	•	—	—	•	—
7	—	—	—	—	•	—	—	•	—
8	—	—	—	—	•	—	—	•	—
9	—	—	—	—	•	—	—	•	—
0	—	—	—	—	•	—	—	•	—

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