



Selector Switches

3-Position

General Information

Specification

Item	Selector Switches
Ambient Operating Humidity	-20 ~ 55°C
Ambient Operating Humidity	45 ~ 85%RH
Altitude	2,000m or less
Degree of Protection	IP65(IEC529)
Rated Insulation Voltage	AC,DC6000V
Rated Operational Voltage	24V, 48V, 110V, 220V, 440V
Rated Operating Current	1.5A~10A
Rated Thermal Current	10Amp
Strength of operation part	2.5N.m/1min
Terminal Screw size	M3.5
Recommended Terminal Torque	0.8N.m
Operation power	about 0.16N.m (2-Position 1NO-1NC)
Temperature Rise	400deg or less (Terminal)
Insulation Resistance	100MΩ (500VMegger)
Withstand Voltage (between live parts and ground)	AC2,200V/1min
Contact Resistance	30mΩ or less
Mechanical life	1000000 (1800operation per 1 hour)
Electric life	1000000
Shock Resistance	100m/S2
Impact resistance	15m/S2

Selector Switches 3-Position



Lever Type (S T)

Knob Type (S N)

T30

SN

3

()

11

B

①

②

③

④

⑤

⑥

① Series Type

T22..... φ 22

T25..... φ 25

T30..... φ 30

⑤ Contact Arrangement

10.....1NO

01.....1NC

11.....1NO-1NC

20.....2NO

02.....2NC

22.....2NO2NC

33.....3NO3NC

.44.....4NO4NC

② Operator Style

SN.....Knob Operator

ST.....Lever Operator

⑥ Handle Color Code

.B.....Black

③ Number of Positions

3.....3-Positions

④ Return Action

Blank.....Manual return

R.....Spring return from Right

L.....Spring return from Left

LR.....2-way spring return from Left and Right

Ex) T22SN3R.....

.Ex) T30SN3L.....

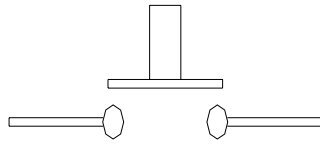
Ex) T25SN3LR.....

Contact

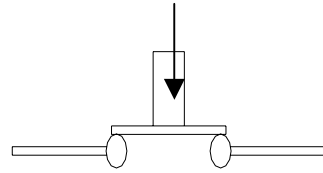
○ NO Contact



Normal position (OFF)



Current supplied (ON)

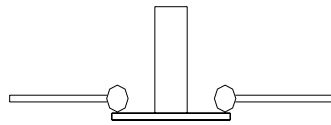


For NO, the NO connection is as shown. When current is supplied in the line is connected. (Selector Switches is selected **ON position**)

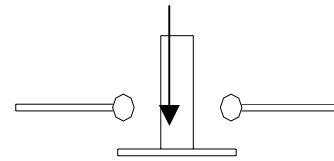
○ NC Contact



Normal position (ON)



Current supplied (OFF)



For NC, the NC connection is as shown. When current is supplied in the line is disconnected. (Selector Switches is selected **ON position**)



2NO



2NC



2NO 2NC









4NO






4NC

Operator Position and Contact




This shows the state of operation of the contact unit.

ON	OFF	OFF	OFF	OFF	ON
					
					







2NC

OFF	ON	ON	ON	ON	OFF
					







2NO2NC

OFF	OFF	ON	OFF	ON	ON
OFF	OFF	ON	OFF	ON	ON
					

4 NO


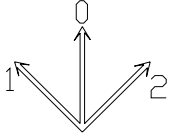
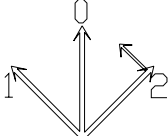
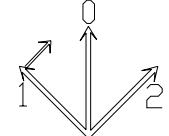
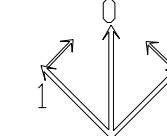
ON	OFF	OFF	OFF	OFF	ON
ON	OFF	OFF	OFF	OFF	ON
					

4 NC


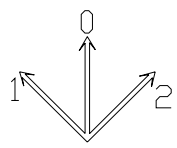
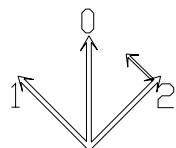
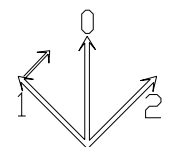
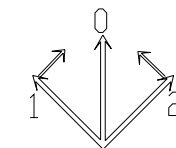
OFF	ON	ON	ON	ON	OFF
OFF	ON	ON	ON	ON	OFF
					

Model list

0 position

		Model No.			
		Maintained	Spring Return from Right	Spring Return from Left	Spring Return Right & Left
 φ 22 Contact					
		2NO	Knob	T22SN311B	T22SN3R11B
	Lever	T22ST311B	T22ST3R11B	T22ST3L11B	T22ST3LT11B
2NC	Knob	T22SN30011B	T22SN2R0011B	T22SN3L0011B	T22SN3LR0011B
	Lever	T22ST30011B	T22ST2R0011B	T22ST3L0011B	T22ST3LR0011B
2NO2NC	Knob	T22SN31111B	T22SN2R1111B	T22SN3L1111B	T22SN3LR1111B
	Lever	T22ST31111B	T22ST2R1111B	T22ST3L1111B	T22ST3LR1111B
4NO	Knob	T22SN322B	T22SN3R22B	T22SN3L22B	T22SN3LR22B
	Lever	T22ST322B	T22ST3R22B	T22ST3L22B	T22ST3LT22B
4NC	Knob	T22SN30022B	T22SN2R0022B	T22SN3L0022B	T22SN3LR0022B
	Lever	T22ST30022B	T22ST2R0022B	T22ST3L0022B	T22ST3LR0022B
φ 25					
2NO	Knob	T25SN311B	T25SN3R11B	T25SN3L11B	T25SN3LR11B
	Lever	T25ST311B	T25ST3R11B	T25ST3L11B	T25ST3LT11B
2NC	Knob	T25SN30011B	T25SN2R0011B	T25SN3L0011B	T25SN3LR0011B
	Lever	T25ST30011B	T25ST2R0011B	T25ST3L0011B	T25ST3LR0011B
2NO2NC	Knob	T25SN31111B	T25SN2R1111B	T25SN3L1111B	T25SN3LR1111B
	Lever	T25ST31111B	T25ST2R1111B	T25ST3L1111B	T25ST3LR1111B
4NO	Knob	T25SN322B	T25SN3R22B	T25SN3L22B	T25SN3LR22B
	Lever	T25ST322B	T25ST3R22B	T25ST3L22B	T25ST3LT22B
4NC	Knob	T25SN30022B	T25SN2R0022B	T25SN3L0022B	T25SN3LR0022B
	Lever	T25ST30022B	T25ST2R0022B	T25ST3L0022B	T25ST3LR0022B

Position 1

 φ 30 Contact		Model No.			
		Maintained	Spring Return from Right	Spring Return from Left	Spring Return Right & Left
					
2NO	Knob	T30SN311B	T30SN3R11B	T30SN3L11B	T30SN3LR11B
	Lever	T30ST311B	T30ST3R11B	T30ST3L11B	T30ST3LT11B
2NC	Knob	T30SN30011B	T30SN2R0011B	T30SN3L0011B	T30SN3LR0011B
	Lever	T30ST30011B	T30ST2R0011B	T30ST3L0011B	T30ST3LR0011B
2NO2NC	Knob	T30SN31111B	T30SN2R1111B	T30SN3L1111B	T30SN3LR1111B
	Lever	T30ST31111B	T30ST2R1111B	T30ST3L1111B	T30ST3LR1111B
4NO	Knob	T30SN322B	T30SN3R22B	T30SN3L22B	T30SN3LR22B
	Lever	T30ST322B	T30ST3R22B	T30ST3L22B	T30ST3LT22B
4NC	Knob	T30SN30022B	T30SN2R0022B	T30SN3L0022B	T30SN3LR0022B
	Lever	T30ST30022B	T30ST2R0022B	T30ST3L0022B	T30ST3LR0022B

Key Switches 3-Position



T30 **SK** **3** **()** **11** **C**
 ① ② ③ ④ ⑤ ⑥

① Series Type

T22..... ϕ 22
T25..... ϕ 25
T30..... ϕ 30

⑤ Contact Arrangement

10.....1NO	01.....1NC
11.....1NO-1NC	20.....2NO
02.....2NC	22.....2NO2NC
33.....3NO3NC	.44.....4NO4NC

② Operator Style

SK.....Key Operator

③ Number of Positions

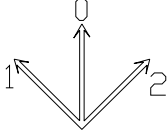
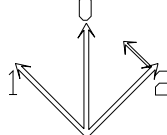
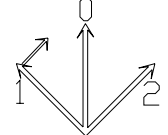
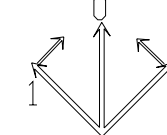
3.....3-Positions

⑥ Position to remove the key

C.....Left
D.....Center
E.....Right
F.....Left and Center
J.....Left and Right
K.....Right and Center

④ Return Action

Blank.....Manual return
R.....Spring return from Right
L.....Spring return from Left
LR.....2-way spring return from Left and Right

		Model No.			
		Maintained	Spring Return from Right	Spring Return from Left	Spring Return Right & Left
※Key Position		C,D,E,F,J,K,L	C,D,F	D,E,K	D
φ 22					
Contact					
2NO	Key	T22SK311※	T22SKR311※	T22SK3L11※	T22SK3LR11※
2NC	Key	T22SKN30011※	T22SKN3R0011※	T22SKN3L0011※	T22SKN3LR0011※
2NO2NC	Key	T22SK311111※	T22SK3R111111※	T22SK3L111111※	T22SK3LR111111※
4NO	Key	T22SK322※	T22SK3R22※	T22SK3L22※	T22SKLR322※
4NC	Key	T22SK30022※	T22SK3R0022※	T22SK3L0022※	T22SK3LR0022※
φ 25					
2NO	Key	T25SK311※	T25SKR311※	T25SK3L11※	T25SK3LR11※
2NC	Key	T25SKN30011※	T25SKN3R0011※	T25SKN3L0011※	T25SKN3LR0011※
2NO2NC	Key	T25SK311111※	T25SK3R111111※	T25SK3L111111※	T25SK3LR111111※
4NO	Key	T25SK322※	T25SK3R22※	T25SK3L22※	T25SKLR322※
4NC	Key	T25SK30022※	T25SK3R0022※	T25SK3L0022※	T25SK3LR0022※
φ 30					
2NO	Key	T30SK311※	T30SKR311※	T30SK3L11※	T30SK3LR11※
2NC	Key	T30SKN30011※	T30SKN3R0011※	T30SKN3L0011※	T30SKN3LR0011※
2NO2NC	Key	T30SK311111※	T30SK3R111111※	T30SK3L111111※	T30SK3LR111111※
4NO	Key	T30SK322※	T30SK3R22※	T30SK3L22※	T30SKLR322※
4NC	Key	T30SK30022※	T30SK3R0022※	T30SK3L0022※	T30SK3LR0022※

※ C~K, Position from which key is pulled out.

C : Left

C : Center

E : Right

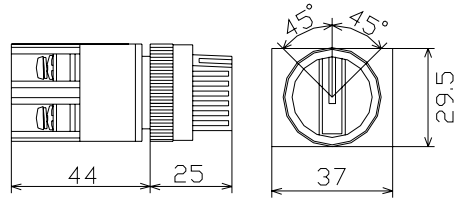
F : Left and Center

J : Left and Right

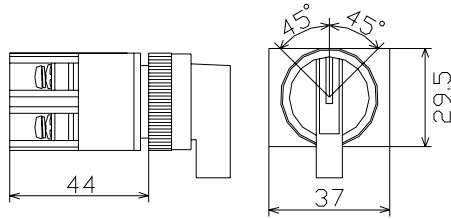
K : Right and Center

Dimensions

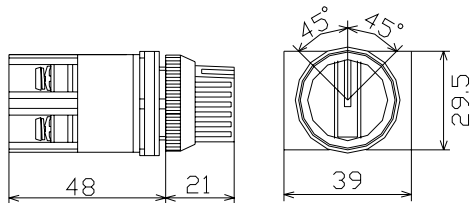
☆ T22SN3



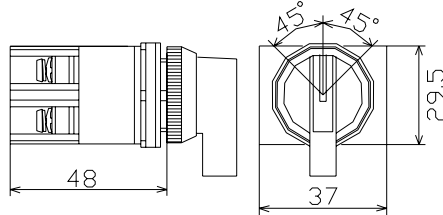
☆ T22ST3



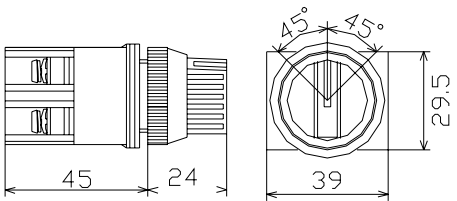
☆ T25SN3



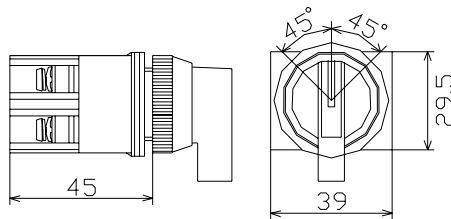
☆ T25ST3



☆ T30SN3

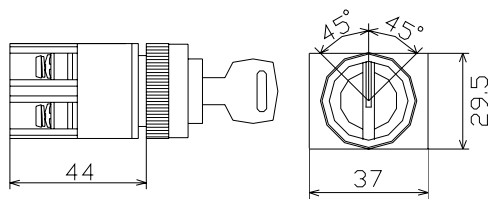


☆ T30ST3

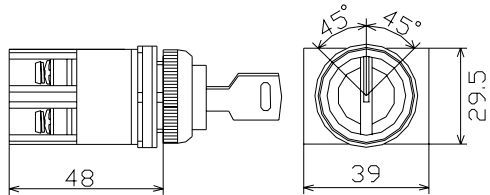


Dimensions (Key Switches)

☆ T22SK3



☆ T25SK3



☆ T30SK3

