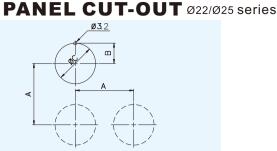
TENO TS2 Ø22/Ø25 SERIES CONTROL COMPONENTS TS2 DIMENSIONS(mm)



# **CONTACT RATING**

	AC11	AC24V	AC110V	AC220V	AC380V	AC440V		DC11	DC24V	DC110V	DC220V	DC380V	
	Inductive load	7.5A	4.5A	3A	2A	2A -	2A DC		Inductive load	1.5A	0.5A	0.2A	0.1A
AC							DC	DC14	DC24V	DC110V	DC220V	DC380V	
	Resistive load	7.5A	7.5A	4.5A	4A	4A		Resistive load	10A	2A	0.6A	0.2A	

#### CHARACTERISTICS

Operating	Mechanically	Push button(momentary)60 cycles/min.,Others 30 cycles/min		
frequency	Electrically	30 cycles/min.		
Service life	Mechanically	Push button(momentary)3,000,000 operations.,Others 300,000 operations		
Service me	Electrically	Push button(momentary)500,000 operations.,Others 200,000 operations		
	Durability	1000m/s <sup>2</sup>		
Shock	Malfunction	Push button(momentary) 1000m/s <sup>2</sup> , Others 250m/s <sup>2</sup>		
Vibration Malfunction		10~55Hz double amplitude 1.5mm		
Contact resistance	50mΩ max. (I	nitial value)		
Insulation resistance	100MΩ min.(5	00VDC)		
Dielectric strength 2500VAC,50/		/60 Hz for 1 minute		
Ambient temperature	-20°C~+60°C			
Humidity	45~85%RH			

#### WIRING DIAGRAM

Туре	TS2-A	TS2-B	TS2-C	TS2-2A	TS2-2B
Contact	1a	1b	1a1b	2a	2b
Contact Arrangement					

R

#### MODEL DESIGNATION 6

		(1) (2) (3)
Designation	Signal	Description
1.Lamp Type	I L	Incandescent lamp LED lamp
2.Voltage	6 12 18 24 30 110 220	6V AC/DC 12V AC/DC 18V AC/DC 24V AC/DC 30V AC/DC 110V AC 220V AC
3.Color	R G O W BL	Red Green Orange White Blue

# BULB TYPE AND CHARACTERISTICS

Lamp Type	Rated Voltage	Rated Current
	6VAC/DC	150mA
	12V AC/DC	100mA
Incandescent lamp	18V AC/DC	66mA
	24V AC/DC	50mA
	30V AC/DC	40mA
	6VAC/DC	9~13mA
	12V AC/DC	9~13mA
LED lamp	24V AC/DC	8~13mA
LEDiamp	30V AC/DC	8~13mA
	110V AC	3~5mA
-	220V AC	3~5mA

BA9S-11X28mm-1.2W max.

#### Method to replace lamp

Ø22

11.2

22.4

31min.

39min.

Series

Mushroom Head

Selector

All types

All types

Α

В

С

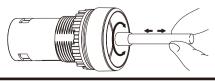
Pilot Lamp, Push Button

Ø25

12.7

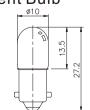
25.4

Put the fixing-disassembling tool into the lamp, turn clockwise and the lamp is fixed. If counter-clockwise, the lamp is dissassemblinged.



# DIMENSIONS OF BULB

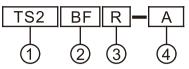






# TS2 Ø22/Ø25 PUSH BUTTON SWITCH TS2

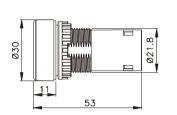
## MODEL DESIGNATION



### OPERATING HEADS DIMENSIONS

TS2BF

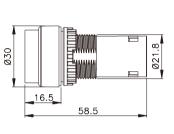




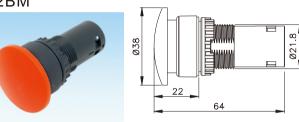
Designation	Signal	Description
1.Mounting Hole	TS2	Ø22mm/Ø25mm
2.Туре	BF BL BM	Flat Head Long Head Mushroom Head
3.Lens Color	R G Y W B	Red Green Yellow White Black
4. Type of contact Block Fitted	A B C 2A 2B	1a 1b 1a1b 2a 2b

TS2BL





#### TS2BM



# TS2 Ø22/Ø25 ILLUMINATED PUSH BUTTON(DIRECR POWER) TS2

# MODEL DESIGNATION

2

5

6

7

8

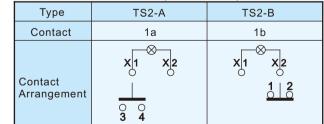
9

3.Voltage

	TS2	<u>IL   1   F</u>	
_			
	Designation	Signal	Description
1	.Mounting Hole	TS2	Ø22mm/Ø25mm
	2.Туре	IL IM	Long Head Mushroom Head
		1	110VAC LED

Designation	Signal	Description		
4.Lens Color	R G O W BL	Red Green Orange White Blue		
5.No.of Contacts Fitted	I L	Incandescent LED		
6.Type of contact Block Fitted	A B	1a 1b		
IIIIIIMINATED DIISH RIITTON/DIRECT DOWER)CONTACT RI OCKS				

#### ILLUMINATED PUSH BUTTON(DIRECT POWER)CONTACT BLOCKS



# OPERATING HEAD DIMINSIONS

220VAC LED

6VAC/DC Incandescent ,LED

24VAC/DC Incandescent ,LED

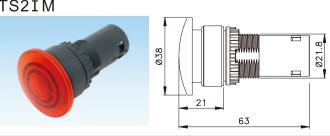
12VAC/DC Incandescent ,LED

18VAC/DC Incandescent

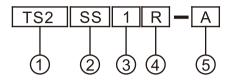
30VAC/DC Incandescent







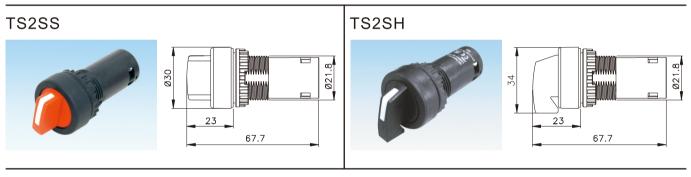
# MODEL DESIGNATION



Designation	Signal	Description
1.Mounting Hole	TS2	Ø22mm/Ø25mm
2.Type	SS SH	Knob Operator Lever Operator

Designation	Signal	Des	cription	
	1	0 1 90°)	4 2-Position	
	2		X2 3-Position	
3.Positions	3		X2 3-Position	
	4		X2 3-Position ng return from left	
	5		X2 3-Position ay spring return	
	R	Red		
4.Lens Color	G	Green		
	В	Black		
		2-Position	3-Position	
	А	1a		
5.Type of contact	В	1b		
Block Fitted	С	1a1b	1a 0 1a	
BiookTittou	2A	2a		
	2B	2b		

## OPERATING HEADS DIMENSIONS



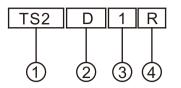
### SELECTOR SWITCH 2-POSITION CONTACT ARRANGEMENT

# SELECTOR SWITCH 3-POSITION

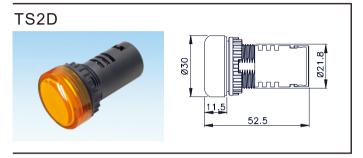
Туре	TS2-A	TS2-B	TS2-C	TS2-2A	TS2-2B	Туре	TS2-C
Contact	1a	1b	1a1b	2a	2b	Contact	1a 0 1a
Contact Arrangement	Contact 0 1 3-4 X	1     2       0     1       1-2     X	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0     0     0     0       3     4     3     4       Contact     0     1       3-4     X       3-4     X	1     2     1     2       0     0     1     2       1-2     X     1       1-2     X	Contact Arrangement	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

# TS2 Ø22/Ø25PILOT LAMP(DIRECT POWER) TS2

# MODEL DESIGNATION



# PILOT LAMP(DIRECT POWER) DIMENSIONS



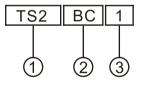
Designation	Signal	Description
1.Mounting Hole	TS2	Ø22mm/Ø25mm
2.Type	D F	LED Continuous light LED Flashing light
3.Voltage	1 2 3 4 7 9	110VAC 220VAC 380VAC 440VAC 24VAC/DC 12VAC/DC
4.Lens Color W BL		Red Green Orange White Blue

# TS2 Ø22/Ø25BUZZER AND BUZZER PILOT LAMP TS2

•The color of lens for Buzzer pilot lamp is Red LED.

•The color of lens for Buzzer is Black.

# MODEL DESIGNATION



Designation	Signal	Description
1.Mounting Hole	TS2	Ø22mm/Ø25mm
2.Type	BC BI BCL BIL	Continuous Buzzer Intermittence Buzzer Continuous Light with Audible Alarm Flashing Light with Audible Alarm
3.Voltage	1 2 7 9	110VAC 220VAC 24VAC/DC 12VAC/DC

## BUZZER AND BUZZER PILOT LAMP DIMENSIONS

