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TEEFLEX

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CONTROL MAX

JKN

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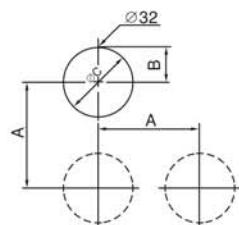
tend

PUSH BUTTON SWITCH

สวิตช์กด

Ø22 / Ø25

■ PANEL CUT-OUT Ø22 / Ø25 Series



■ DIMENSIONS (mm)

	Series	Ø22	Ø25
		31 min.	39 min.
A	Pilot Lamp Push Button Selector		
B	Mushroom Head		
C	All Types	11.2	12.7
	All Types	22.4	25.4

■ CONTACT LATING

	AC	AC11	AC24V	AC110V	AC220V	AC380V	AC440V	DC	DC11	DC24V	DC110V	DC220V	DC380V
		Inductive load	7.5A	4.5A	3A	2A	2A		Inductive load	1.5A	0.5A	0.2A	0.1A
	AC	AC14	AC24V	AC110V	AC220V	AC380V	AC440V		DC14	DC24V	DC110V	DC220V	DC380V
		Inductive load	7.5A	7.5A	4.5A	4A	4A		Inductive load	10A	2A	0.6A	0.2A

■ CHARACTORISTICS

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

■ WIRING DIAGRAM

Type	TS2-A	TS2-B	TS2-C	TS2-2A	TS2-2B
Contact	1a	1b	1a1b	2a	2b
Contact arrangement					

■ BULB TYPE AND CHARACTORISTICS

Lamp type	Signal	Rated voltage	Signal	Operating voltage	Rated current	Color code	Signal	Designation
Incandescent	I	6V AC/DC	6	6V AC/DC	150 mA	None	None	
		12V AC/DC	12	12V AC/DC	100 mA			
		18V AC/DC	18	18V AC/DC	66 mA			
		24V AC/DC	24	24V AC/DC	50 mA			
		30V AC/DC	30	30V AC/DC	40 mA			
LED	L	6V AC/DC	6	6V AC/DC	9-13 mA	Red	R	
		12V AC/DC	12	12V AC/DC	9-13 mA	Blue	BL	
		24V AC/DC	24	24V AC/DC	8-13 mA	Green	G	
		110V AC	110	110V AC	3-5 mA	White	W	
		220V AC	220	220V AC	3-5 mA	Orange	O	

■ DIMENSIONS OF BULB

2S - 9 - □	Incandescent bulb	2S - 9TL - □ □	LED bulb
	<p>6V 15.-</p> <p>12V 18.-</p> <p>18V 18.-</p> <p>30V 22.-</p>		G, W, BL, R, O 82.-

*ขอสงวนสิทธิ์ในการเปลี่ยนแปลงราคา

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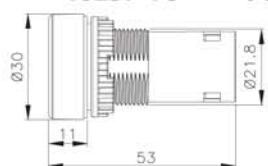
PUSH BUTTON SWITCH สวิตช์กด Ø22 / Ø25

■ MODEL DESIGNATIONS

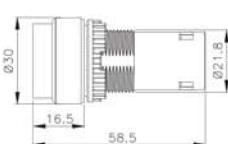
TS2 BF R - A

■ OPERATING HEAD DIMENSIONS

TS2BF สวิตช์กดหัวเรียบ 22/25 มม. TS2BF-2A, 2B 90.-
TS2BF-1A, 1B 80.-

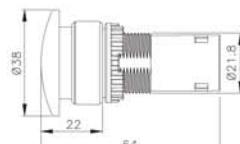


TS2BL สวิตช์กดหัวบุบ 22/25 มม. TS2BL-2A, 2B 100.-
TS2BL-1A, 1B 90.-



Designation	Signal	Description
1.Mounting hole	TS2	Ø22 mm / Ø25 mm
2.Type	BF	Flat head
	BL	Long head
	BM	Mushroom head
	R	Red
	G	Green
	Y	Yellow
	W	White
	B	Black
3.Lens color	A	1a (1NO)
	B	1b (1NC)
	C	1a1b (1NO 1NC)
	2A	2a (2NO)
	2B	2b (2NC)

TS2BM สวิตช์กดหัวเข็ม 22/25 มม. TS2BM-2A, 2B 110.-
TS2BM-1A, 1B 105.-



ILLUMINATED PUSH BUTTON (TS2 Ø22 / Ø25) Direct Power

■ MODEL DESIGNATION

TS2 IL 1 R - IA

Designation	Signal	Description
1.Mounting hole	TS2	Ø22 mm / Ø25 mm
2.Type	IL	long head
	IM	Mushroom head
3.Voltage	1	110V AC LED
	2	220V AC LED
	5	6V AC/DC incandescent - LED
	6	18V AC/DC incandescent
	7	24V AC/DC incandescent - LED
	8	30V AC/DC incandescent
	9	12V AC/DC incandescent - LED

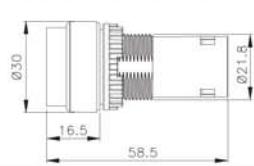
Designation	Signal	Description
	R	Red
4.Lens color	G	Green
	O	Orange
	W	White
	BL	Blue
5.No. of contact fitted	I	Incandescent
	L	LED
6.Type of contact block fitted	A	1a (1NO)
	B	1b (1NC)

■ OPERATING HEAD DIMENSIONS

TS2IL สวิตช์กดหัวบุบมีแอลมป์ 22/25 มม.

TS2IL-I 160.-

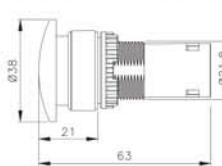
TS2IL-L(R, O, G, W, BL) 215.-



TS2IM สวิตช์กดหัวเข็มมีแอลมป์ 22/25 มม.

TS2IM-I 185.-

TS2IM-L(R, O, G, W, BL) 240.-

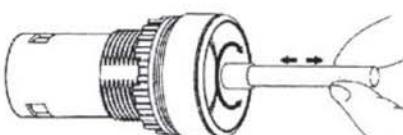


■ ILLUMINATED PUSH BUTTON (DIRECT POWER) CONTACT BLOCKS

Type	TN2-A	TN2-B
Contact	1a	1b
Contact arrangement		

■ METHOD TO REPLACE LAMP :

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



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SELECTOR SWITCH สวิตช์ลูกศร Ø22 / Ø25

MODEL DESIGNATIONS

TS2	SS	1	R	-	A
1	2	3	4	5	

Designation	Signal	Description	
1.Mounting hole	TS2	Ø22 mm / Ø25 mm	
2.Type	SS	Knob Operator	
	1	0 1	90° x 2 Position
	2	1 0 2	45° x 2 3 Position
3.Positions	3	1 0 2	45° x 2 3 Position Spring return from right
	4	1 0 2	45° x 2 3 Position Spring return from left
	5	1 0 2	45° x 2 3 Position 2 Way Spring return

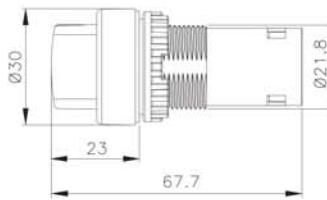
Designation	Signal	Description	
	R	Red	
4.Lens color	G	Green	
	B	Black	
		2-Positions	3-Positions
5.Type of contact block fitted	A	1a (1NO)	----
	B	1b (1NC)	----
	C	1a1b (1NO 1NC)	1a 0 1a
	2A	2a (2NO)	----
	2B	2B (2NC)	----

OPERATING HEAD DIMENSIONS

TS2SS สวิตช์ลูกศร



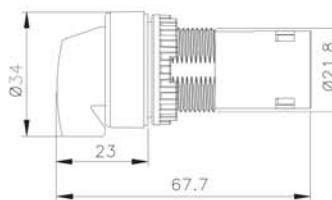
TS2SS-1A,1B	120.-
TS2SS-1-1C	130.-
TS2SS-1-2A,2B	130.-
TS2SS-2-2A	130.-
TS2SS-3-2A	130.-
TS2SS-4-2A	130.-
TS2SS-5-2A	130.-



TS2SH สวิตช์ลูกศร



TS2SH-1A,1B	130.-
TS2SH-1-1C	145.-
TS2SH-1-2A,2B	145.-
TS2SH-2-2A	145.-
TS2SH-3-2A	145.-
TS2SH-4-2A	145.-
TS2SH-5-2A	145.-



SELECTOR SWITCH 2-POSITIONS CONTACT ARRANGEMENT

Type	TS2-A	TS2-B	TS2-C	TS2-2A	TS2-2B
Contact	1a	1b	1a1b	2a	2b
Contact arrangement					
Diagram					

SELECTOR SWITCH 3-POSITIONS CONTACT ARRANGEMENT

Type	TS2-C
Contact	1a 0 1a
Contact arrangement	
Diagram	

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PILOT LAMP / BUZZER

ไฟล็อตแลมป์ / ອວດໄຟຟ້າ

Ø22 / Ø25

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MODEL DESIGNATIONS

TS2	D	1	-	R
1	2	3		4

PILOT LAMP (DIRECT POWER)

DIMENSIONS

TS2D ไฟล็อตแลมป์ (ใช้หลอด LED)

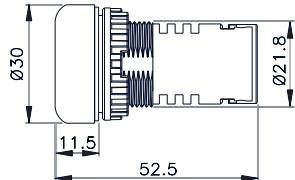
- ชนิดติดต่อเนื่อง

TS2D 85.-
(R, O, G, W, BL)



- ชนิดติดกะพริบ

TS2F 135.-
(R, O, G, W, BL)



Designation	Signal	Description
1.Mounting hole	TS2	Ø22 mm / Ø25 mm
2.Type	D	LED Continuous light
	F	LED Flashing light
3.Voltage	1	110V AC
	2	220V AC
	3	380V AC
	4	440V AC
	7	24V AC/DC
	9	12V AC/DC
4.Lens color	R	Red
	G	Green
	O	Orange
	W	White
	BL	Blue

BUZZER AND BUZZER PILOT LAMP (TS2 Ø22 / Ø25)

ອວດໄຟຟ້າ

MODEL DESIGNATIONS

TS2	BC	1
1	2	3

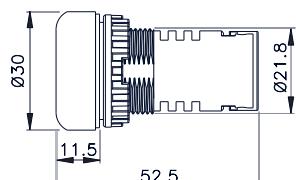
- The color of lens for buzzer pilot lamp is red.
- The color of lens for buzzer is black.

Designation	Signal	Description
1.Mounting hole	TS2	Ø22 mm / Ø25 mm
2.Type	BC	Continuous buzzer
	BI	Intermittence buzzer
	BCL	Continuous light with audible alarm
	BIL	Flashing light with audible alarm
3.Voltage	1	110V AC
	2	220V AC
	7	24V AC/DC
	9	12V AC/DC

BUZZER AND BUZZER PILOT LAMP DIMENSIONS

- ອວດชนิดມີແລມປໍ (LED)

TS2BCL ອວດชนັດດັງຕ່ອງເນື່ອງມີ LED ແລມປໍ
TS2BIL ອວດชนັດດັງໄມ້ຕ່ອງເນື່ອງມີ LED ແລມປໍ 270.-
270.-



- ອວດชนັດໄມ້ມີແລມປໍ

TS2BC ອວດชนັດດັງຕ່ອງເນື່ອງ
TS2BI ອວດชนັດດັງໄມ້ຕ່ອງເນື່ອງ 245.-
245.-

