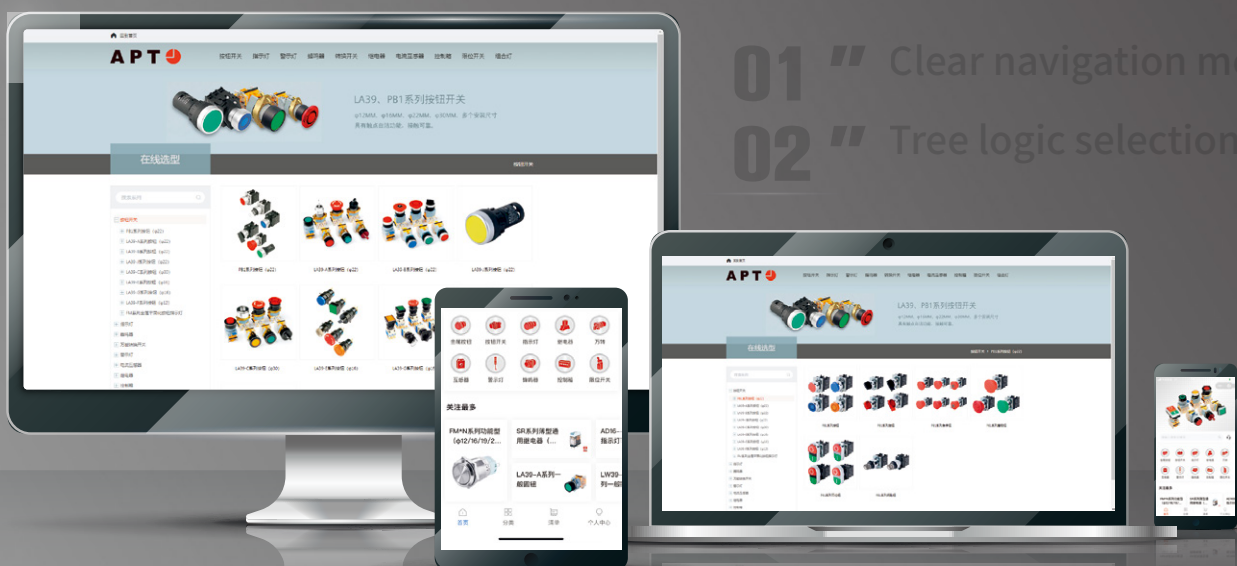




ϕ 22mm

PB3 Series Quick-mount Pushbuttons

Rich online selection tools for easy selection!



01 " Clear navigation menus

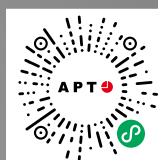
02 " Tree logic selection

03 " Preview of product components

04 " Synchronous link to product parameters

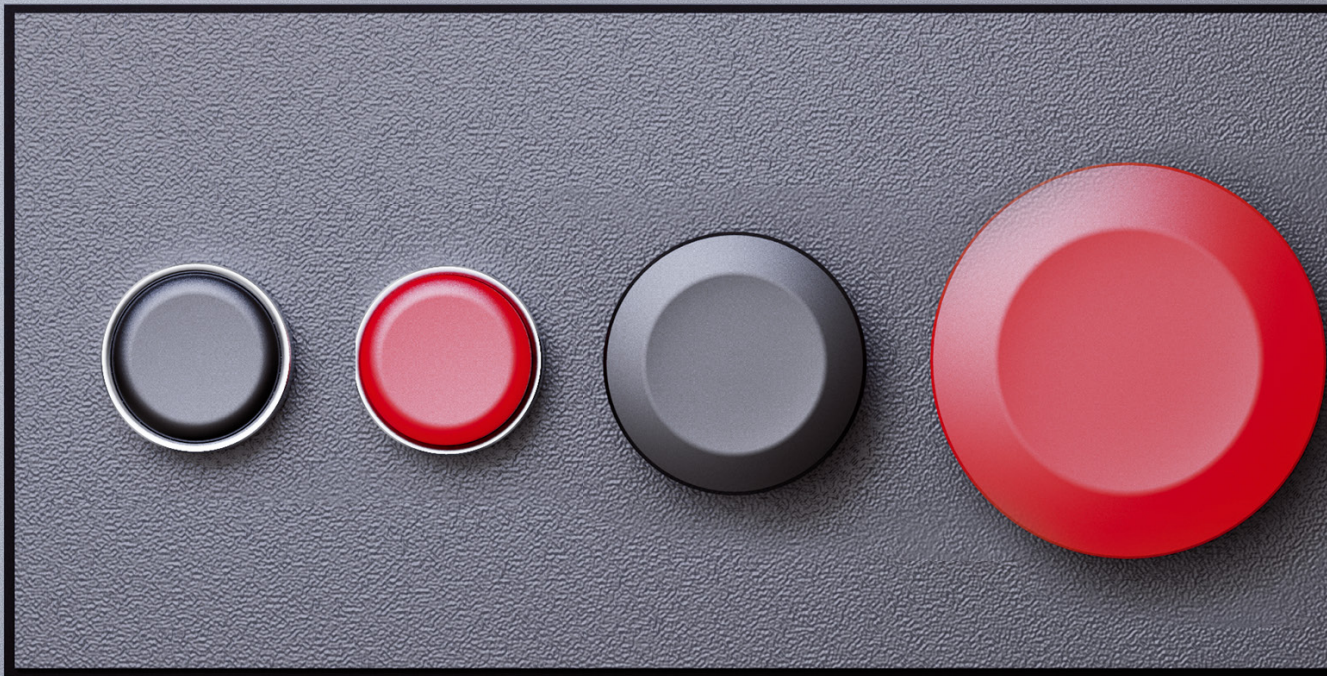
05 " Product manual and dimensional drawing download

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2025/01

EASY TO USE OPTIMAL QUALITY & APPEARANCE PRODUCT FEATURE



○ *Simple
and
beautiful*

○ *One-hand
mounting*

○ *Greater,
faster,
better
and cost
saving*

○ *Widely
applicable*

- *Eco-friendly material*
- *Eco-friendly material*
- *Silver and black*
- *Complete certification*





Siemen Electrical Apparatus Ltd. Suzhou,
Shanghai Branch(APT Operating Company)



Siemen Electrical Apparatus Ltd.
Suzhou(Parent Company)



Siemen Electrical Apparatus Ltd. Suzhou,
Tiantai Branch (Manufacturing Plant)

苏州 • 上海

天台 •

About us

APT

Siemen Electrical Apparatus Ltd. Suzhou, Shanghai Branch.

Brand history

Founded in 1993, acquired by Siemens in 2008 when becoming a wholly owned subsidiary of Siemens.

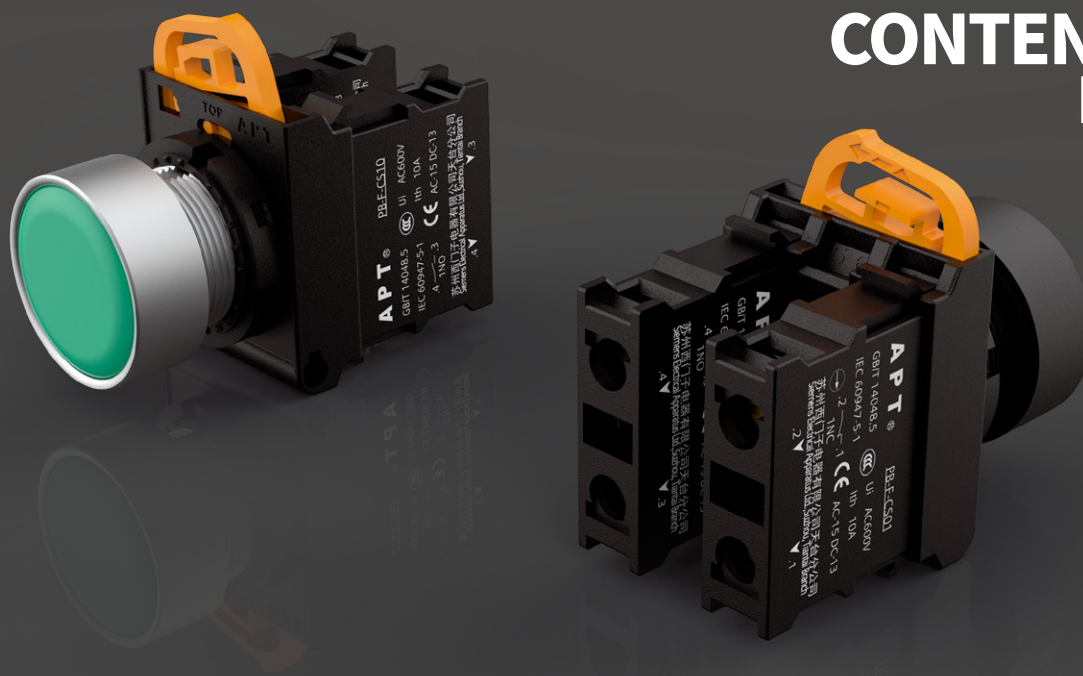
Main products

Pushbuttons, indicator lights, cam switches, relays, current transformers, tower lamps and other low-voltage products.



CONTENTS

目录



Overview of product	01
Basic parameters	02
Flat pushbutton/High-position pushbutton	03
Mushroom pushbutton	08
Selector switch	13
Key switch	21
Twin pushbutton	24
E-stop pushbutton	27
Accessory	31
Inscription	40

INDUSTRIAL APPLICATIONS



Modular contact structure

Modular structure greatly saves the internal installation space, adaptive to installation of various shaped structures.



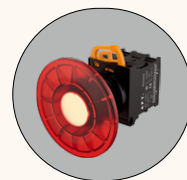
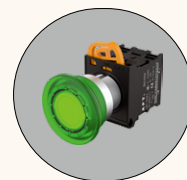
▲ Typical application: Logistic sorting equipment

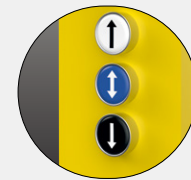


Quick mounting

Self-reset toggle design
Installation is now fast

◀ Typical application:
System integration





**Special symbol
inscription available**

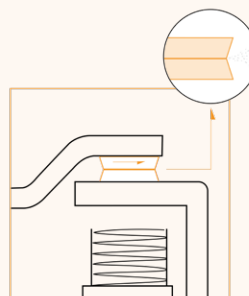
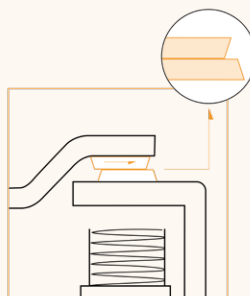
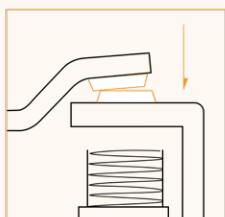
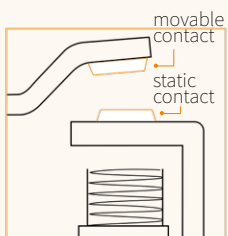
◀ **Typical application:
Elevator lifting equipment**

Typical application: Engineering equipment ▼

Static

Action

Fit

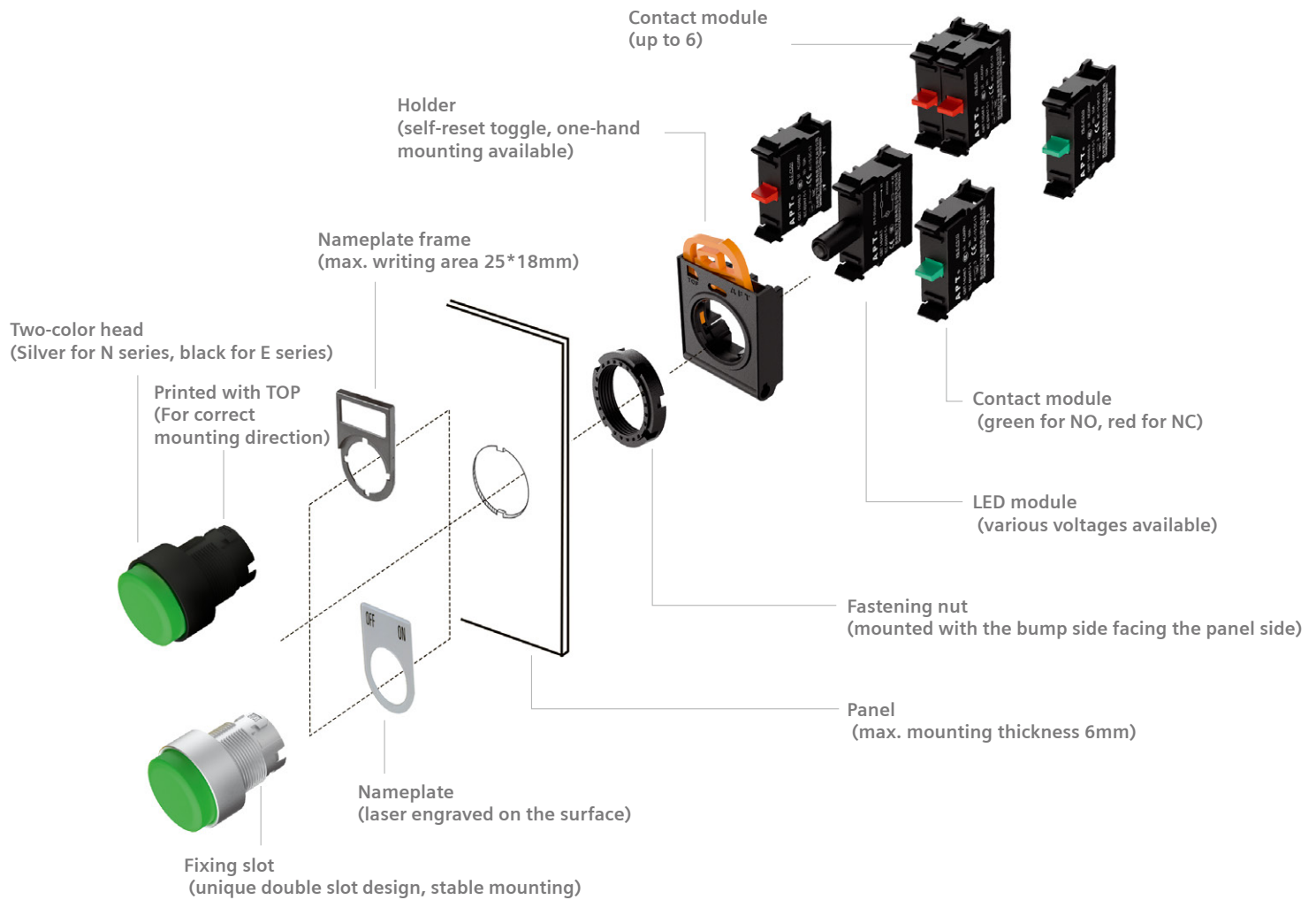


Self-cleaning function

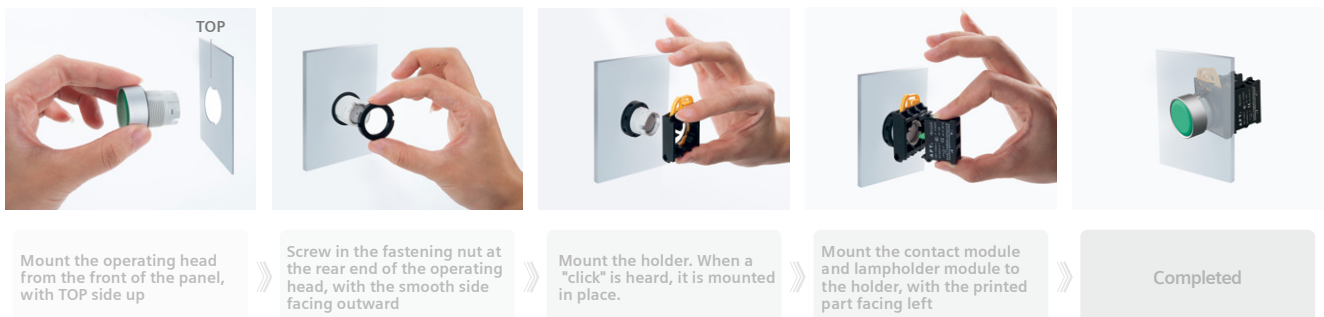
With the self-cleaning design, the movable contact slides after contacting with the static contact so that dust will not adhere to the contacts, easily coping with dusty environment.

PRODUCT OVERVIEW

Assembly of product components



Only 4 steps to install quickly





Compliance

GB/T 14048.1 GB/T 14048.5 IEC60947-5-1

Product certification

CE / CCC / CQC

Performance specification

Pollution grade	Level 3
Mechanical endurance	General pushbutton, mushroom pushbutton, pushbutton with light, 3 million times E-stop pushbutton, key switch 50,000 times Selector switch, latching pushbutton, twin pushbutton, 300,000 timesSwitching component 3 million times
Action frequency	1,200 times / hour
Electrical endurance	500,000 times Lowest load: DC24V 5mA
Ambient temperature	Operating temperature -25°C to 70°C Storage & transport temperature -40°C to 80°C
Protection class	Operating head IP65 Switching component and lighting component IP20
Anti-impact class	Duration 11ms Maximum acceleration 15g Compliant with IEC60068 2-27
Anti-vibration class	Maximum acceleration 5g Frequency range 10- 500Hz Compliant with IEC60068 2-6

Contact capacity

Rated insulation voltage	600V 50Hz						
Power frequency withstand voltage	AC 1890V 50Hz·1min						
Conventional thermal current	10A						
Use category	Rated operating voltage Ue	24V	48V	110V	220V	380V	440V
AC-12 (AC resistive load)	Rated operating current Ie	10 A	-	10 A	10 A	10 A	10 A
AC-15 (AC inductive load)		6 A	-	6 A	6 A	4 A	4 A
DC -12 (DC resistive load)		10 A	8 A	3.5A	1 A	-	-
DC -13 (DC inductive load)		6 A	4 A	1.2A	0.4A	-	-

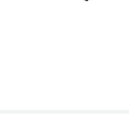
Ratings of light-emitting components

Voltage code	21	22	23	24	25	26	28	31	32
Voltage (V)	AC/DC 6V	AC/DC 12V	AC/DC 24V	AC/DC 36V	AC/DC 48V	AC/DC 110V	AC/DC 220V	AC 220V	AC 380V
Current (mA)	≤ 30mA	≤ 30mA	≤ 20mA	≤ 20mA	≤ 20mA	≤ 20mA	≤ 20mA	≤ 20mA	≤ 15mA

Pushbutton

Flat pushbutton/High-position pushbutton

Pushbutton

		Head	Holder	Contact module/LED module
Without light	N series			
	E series			
With light	N series			
	E series			

Order code description

Series	Housing color	Head	Action manner	With/without light	Wiring method	Contact type	Inscription	Button color	With light, voltage
PB3	■	—	F	T	1	S	□ □	S00 / g	23
						 			
N: Matte silver	F: Flat pushbutton	M: Momentary	0: Without light	S: Screw wiring	NO	NC	S00: Without inscription	r: Red	00: w/o light group
E: Textured black	H: High-position pushbutton	T: Latching	1: Transparent with light		NO	NC	S99: Special inscription	g: Green	21: AC/DC6V
			2: Textured with light		Note:	Note:	S**: Standard inscription	y: Yellow	22: AC/DC12V
			Note:					b: Blue	23: AC/DC24V
								w: White	24: AC/DC36V
								k: Black	25: AC/DC48V
									26: AC/DC110V
									28: AC/DC220V
									31: AC220V
									32: AC380V

Two types of luminous effects available



Textured with light



Transparent with light

Contact type — ① Numbers indicate the number of contacts ② Total number of figures is up to 6

11:1NO1NC 33:3NO3NC 42:4NO2NC
1 NO 1 NC 3 NO 3 NC 4 NO 2 NC

S **: Selected from the standard inscription library, refer to P31 for specific inscription

S99: indicating special inscription, that is inscription according to the pattern provided by the customer

Pushbutton

Flat pushbutton

Appearance	Action manner	With light, voltage	Color	Product order  
	M: Momentary type	00: w/o light group		PB3 ■ -FM0S □□ S00/r00
				PB3 ■ -FM0S □□ S00/g00
				PB3 ■ -FM0S □□ S00/y00
				PB3 ■ -FM0S □□ S00/b00
				PB3 ■ -FM0S □□ S00/w00
				PB3 ■ -FM0S □□ S00/k00
	T: Latching	00: w/o light group		PB3 ■ -FT0S □□ S00/r00
				PB3 ■ -FT0S □□ S00/g00
				PB3 ■ -FT0S □□ S00/y00
				PB3 ■ -FT0S □□ S00/b00
				PB3 ■ -FT0S □□ S00/w00
				PB3 ■ -FT0S □□ S00/k00

High-position button

Appearance	Action manner	With light, voltage	Color	Product order  
	M: Momentary type	00: w/o light group		PB3 ■ -HM0S □□ S00/r00
				PB3 ■ -HM0S □□ S00/g00
				PB3 ■ -HM0S □□ S00/y00
				PB3 ■ -HM0S □□ S00/b00
				PB3 ■ -HM0S □□ S00/w00
				PB3 ■ -HM0S □□ S00/k00
	T: Latching	00: w/o light group		PB3 ■ -HT0S □□ S00/r00
				PB3 ■ -HT0S □□ S00/g00
				PB3 ■ -HT0S □□ S00/y00
				PB3 ■ -HT0S □□ S00/b00
				PB3 ■ -HT0S □□ S00/w00
				PB3 ■ -HT0S □□ S00/k00

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-HT0S11S00/k00

To select E series (textured black), fill out ■ with E e.g.: PB3E-HT0S11S00/k00

Pushbutton with light

Flat pushbutton/High-position pushbutton

Pushbutton with light

Flat pushbutton with light

Appearance	Action manner	With light, voltage	Color	Product order
	M: Momentary type	23: AC/DC24V	●	PB3 ■ -FM1S □ □ S00/r23
			●	PB3 ■ -FM1S □ □ S00/g23
			●	PB3 ■ -FM1S □ □ S00/y23
			●	PB3 ■ -FM1S □ □ S00/b23
			○	PB3 ■ -FM1S □ □ S00/w23
	T: Latching	23: AC/DC24V	●	PB3 ■ -FT1S □ □ S00/r23
			●	PB3 ■ -FT1S □ □ S00/g23
			●	PB3 ■ -FT1S □ □ S00/y23
			●	PB3 ■ -FT1S □ □ S00/b23
			○	PB3 ■ -FT1S □ □ S00/w23
	M: Momentary type	28: AC/DC220V	●	PB3 ■ -FM1S □ □ S00/r28
			●	PB3 ■ -FM1S □ □ S00/g28
			●	PB3 ■ -FM1S □ □ S00/y28
			●	PB3 ■ -FM1S □ □ S00/b28
			○	PB3 ■ -FM1S □ □ S00/w28
	T: Latching	28: AC/DC220V	●	PB3 ■ -FT1S □ □ S00/r28
			●	PB3 ■ -FT1S □ □ S00/g28
			●	PB3 ■ -FT1S □ □ S00/y28
			●	PB3 ■ -FT1S □ □ S00/b28
			○	PB3 ■ -FT1S □ □ S00/w28

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-FT1S11S00/w28

To select E series (textured black), fill out ■ with E e.g.: PB3E-FT1S11S00/w28

Pushbutton with light

High-position pushbutton with light

Appearance	Action manner	With light, voltage	Color	Product order 
	M: Momentary type	23: AC/DC24V		PB3 ■ -HM1S □ □ S00/r23
				PB3 ■ -HM1S □ □ S00/g23
				PB3 ■ -HM1S □ □ S00/y23
				PB3 ■ -HM1S □ □ S00/b23
				PB3 ■ -HM1S □ □ S00/w23
	T: Latching	23: AC/DC24V		PB3 ■ -HT1S □ □ S00/r23
				PB3 ■ -HT1S □ □ S00/g23
				PB3 ■ -HT1S □ □ S00/y23
				PB3 ■ -HT1S □ □ S00/b23
				PB3 ■ -HT1S □ □ S00/w23
	M: Momentary type	28: AC/DC220V		PB3 ■ -HM1S □ □ S00/r28
				PB3 ■ -HM1S □ □ S00/g28
				PB3 ■ -HM1S □ □ S00/y28
				PB3 ■ -HM1S □ □ S00/b28
				PB3 ■ -HM1S □ □ S00/w28
	T: Latching	28: AC/DC220V		PB3 ■ -HT1S □ □ S00/r28
				PB3 ■ -HT1S □ □ S00/g28
				PB3 ■ -HT1S □ □ S00/y28
				PB3 ■ -HT1S □ □ S00/b28
				PB3 ■ -HT1S □ □ S00/w28

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-HT1S11S00/w28

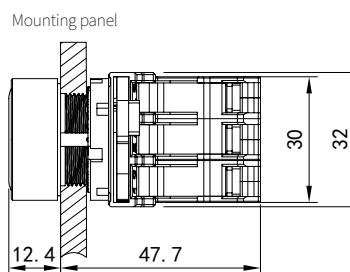
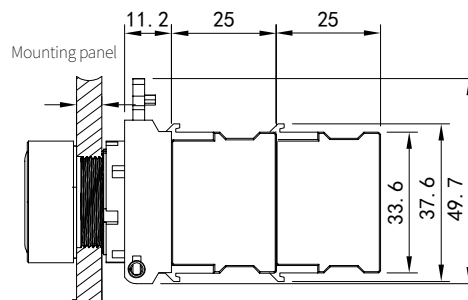
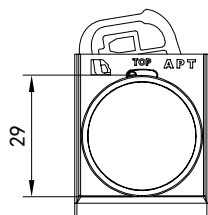
To select E series (textured black), fill out ■ with E e.g.: PB3E-HT1S11S00/w28

Pushbutton

Pushbutton outline dimension

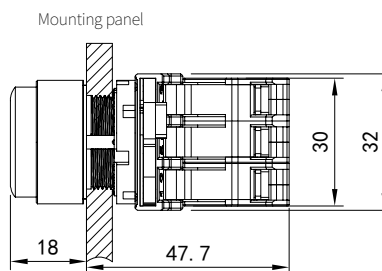
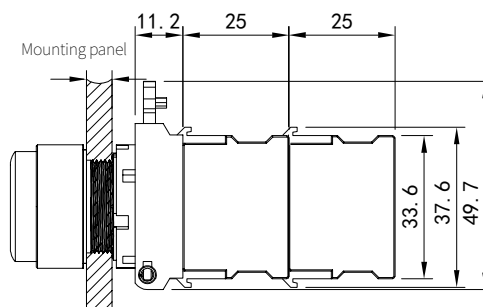
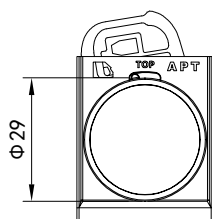
Flat pushbutton N&E outline dimension

Mounting panel thickness, 1-6mm (default)
without fixing washer
Thickness, 1-4.5mm (optional) with fixing washer

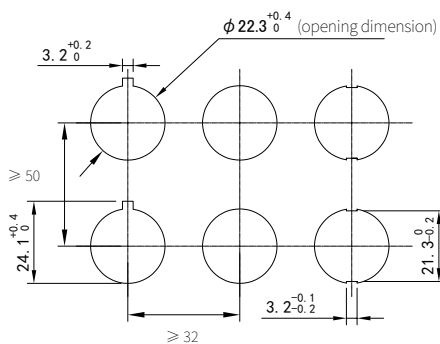


High-position button N&E outline dimension

Mounting panel thickness, 1-6mm (default)
without fixing washer
Thickness, 1-4.5mm (optional) with fixing washer



Minimum mounting distance: unit (mm)



Pushbutton

Mushroom pushbutton

Mushroom pushbutton

		Head		Holder		Contact module/LED module		
Without light	N series		=		+		+	
	E series		=		+		+	
With light	N series		=		+		+	
	E series		=		+		+	

Order code description

Series	Housing color	Head	Action manner	With/without light	Wiring method	Contact type	Inscription	钮片 Color	With light, voltage	
PB3	■	—	M4	T	1	S	□ □	S00 /	g	23
						 				
	N: Matte silver	M4:40mm	M: Momentary type	0: Without light	S: Screw wiring	NO	S00: Without inscription	r: Red	00: w/o light group	
	E: Textured black	M6:60mm	T: Latching	1: Transparent with light		NC	S99: Special inscription	g: Green	21: AC/DC6V	
						NO	S*: Standard inscription	y: Yellow	22: AC/DC12V	
						Note	Note	b: Blue	23: AC/DC24V	
								w: White	24: AC/DC36V	
								k: Black	25: AC/DC48V	
									26: AC/DC110V	
									28: AC/DC220V	
									31: AC220V	
									32: AC380V	

Note	Contact type — ① Numbers indicate the number of contacts ② Total number of figures is up to 6		
e.g.	11:1NO1NC	33:3NO3NC	42:4NO2NC
	1 NO 1 NC	3 NO 3 NC	4 NO 2 NC
Note	S * * : Selected from the standard inscription library, refer to P31 for specific inscription		
	S99: indicating special inscription, that is inscription according to the pattern provided by the customer		

Mushroom pushbutton

40mm/60mm

Mushroom pushbutton

40mm

Appearance	Action manner	With light, voltage	Color	Product order
	M: Momentary type	00: w/o light group	● ● ● ● ○ ●	PB3 ■ -M4M0S □ □ S00/r00 PB3 ■ -M4M0S □ □ S00/g00 PB3 ■ -M4M0S □ □ S00/y00 PB3 ■ -M4M0S □ □ S00/b00 PB3 ■ -M4M0S □ □ S00/w00 PB3 ■ -M4M0S □ □ S00/k00
	T: Latching	00: w/o light group	● ● ● ● ○ ●	PB3 ■ -M4T0S □ □ S00/r00 PB3 ■ -M4T0S □ □ S00/g00 PB3 ■ -M4T0S □ □ S00/y00 PB3 ■ -M4T0S □ □ S00/b00 PB3 ■ -M4T0S □ □ S00/w00 PB3 ■ -M4T0S □ □ S00/k00

60mm

Appearance	Action manner	With light, voltage	Color	Product order
	M: Momentary type	00: w/o light group	● ● ● ● ○ ●	PB3 ■ -M6M0S □ □ S00/r00 PB3 ■ -M6M0S □ □ S00/g00 PB3 ■ -M6M0S □ □ S00/y00 PB3 ■ -M6M0S □ □ S00/b00 PB3 ■ -M6M0S □ □ S00/w00 PB3 ■ -M6M0S □ □ S00/k00
	T: Latching	00: w/o light group	● ● ● ● ○ ●	PB3 ■ -M6T0S □ □ S00/r00 PB3 ■ -M6T0S □ □ S00/g00 PB3 ■ -M6T0S □ □ S00/y00 PB3 ■ -M6T0S □ □ S00/b00 PB3 ■ -M6T0S □ □ S00/w00 PB3 ■ -M6T0S □ □ S00/k00

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-M6T0S11S00/k00

To select E series (textured black), fill out ■ with E e.g.: PB3E-M6T0S11S00/k00

Mushroom pushbutton 40mm/60mm with light

Mushroom pushbutton

40mm with light

Appearance	Action manner	With light, voltage	Color	Product order	⏏ ⏏
	M: Momentary type	23: AC/DC24V	●	PB3 ■ -M4M1S □□ S00/r23	
			●	PB3 ■ -M4M1S □□ S00/g23	
			●	PB3 ■ -M4M1S □□ S00/y23	
			●	PB3 ■ -M4M1S □□ S00/b23	
			○	PB3 ■ -M4M1S □□ S00/w23	
	T: Latching	23: AC/DC24V	●	PB3 ■ -M4T1S □□ S00/r23	
			●	PB3 ■ -M4T1S □□ S00/g23	
			●	PB3 ■ -M4T1S □□ S00/y23	
			●	PB3 ■ -M4T1S □□ S00/b23	
			○	PB3 ■ -M4T1S □□ S00/w23	
	M: Momentary type	28: AC/DC220V	●	PB3 ■ -M4M1S □□ S00/r28	
			●	PB3 ■ -M4M1S □□ S00/g28	
			●	PB3 ■ -M4M1S □□ S00/y28	
			●	PB3 ■ -M4M1S □□ S00/b28	
			○	PB3 ■ -M4M1S □□ S00/w28	
	T: Latching	28: AC/DC220V	●	PB3 ■ -M4T1S □□ S00/r28	
			●	PB3 ■ -M4T1S □□ S00/g28	
			●	PB3 ■ -M4T1S □□ S00/y28	
			●	PB3 ■ -M4T1S □□ S00/b28	
			○	PB3 ■ -M4T1S □□ S00/w28	

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-M4T1S11S00/w28

To select E series (textured black), fill out ■ with E e.g.: PB3E-M4T1S11S00/w28

Mushroom pushbutton 40mm/60mm with light

Mushroom pushbutton

60mm with light

Appearance	Action manner	With light, voltage	Color	Product order	⏏ ⏏
	M: Momentary type	23: AC/DC24V	●	PB3 ■ -M6M1S □□ S00/r23	
			●	PB3 ■ -M6M1S □□ S00/g23	
			●	PB3 ■ -M6M1S □□ S00/y23	
			●	PB3 ■ -M6M1S □□ S00/b23	
			○	PB3 ■ -M6M1S □□ S00/w23	
	T: Latching	23: AC/DC24V	●	PB3 ■ -M6T1S □□ S00/r23	
			●	PB3 ■ -M6T1S □□ S00/g23	
			●	PB3 ■ -M6T1S □□ S00/y23	
			●	PB3 ■ -M6T1S □□ S00/b23	
			○	PB3 ■ -M6T1S □□ S00/w23	
	M: Momentary type	28: AC/DC220V	●	PB3 ■ -M6M1S □□ S00/r28	
			●	PB3 ■ -M6M1S □□ S00/g28	
			●	PB3 ■ -M6M1S □□ S00/y28	
			●	PB3 ■ -M6M1S □□ S00/b28	
			○	PB3 ■ -M6M1S □□ S00/w28	
	T: Latching	28: AC/DC220V	●	PB3 ■ -M6T1S □□ S00/r28	
			●	PB3 ■ -M6T1S □□ S00/g28	
			●	PB3 ■ -M6T1S □□ S00/y28	
			●	PB3 ■ -M6T1S □□ S00/b28	
			○	PB3 ■ -M6T1S □□ S00/w28	

■ : select N or E series

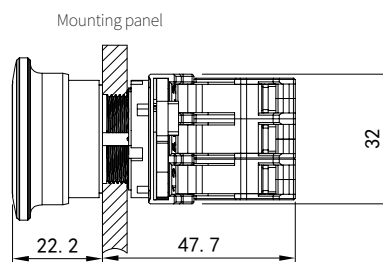
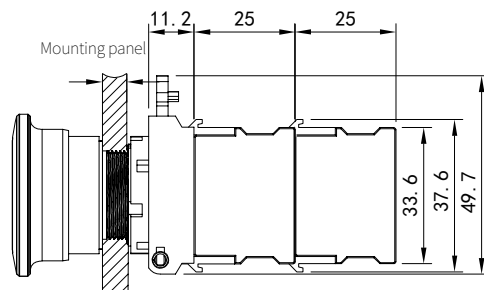
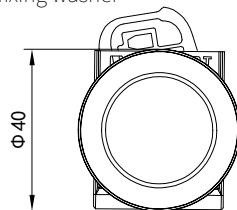
To select N series (matte silver), fill out ■ with N e.g.: PB3N-M6T1S11S00/w28

To select E series (textured black), fill out ■ with E e.g.: PB3E-M6T1S11S00/w28

Mushroom pushbutton outline dimension

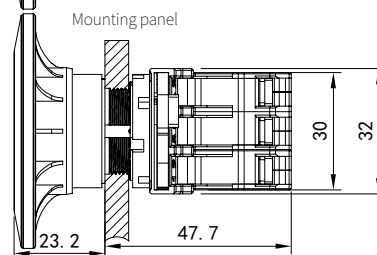
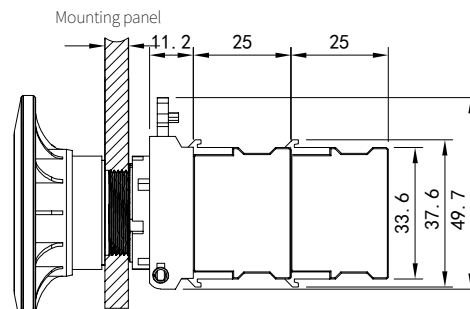
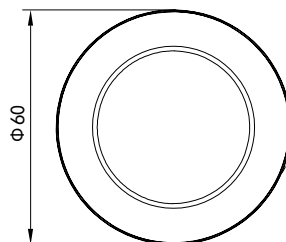
φ40 Mushroom pushbuttonN&Eoutline dimension

Mounting panel thickness, 1-6mm (default)
without fixing washer
Thickness, 1-4.5mm (optional) with fixing washer

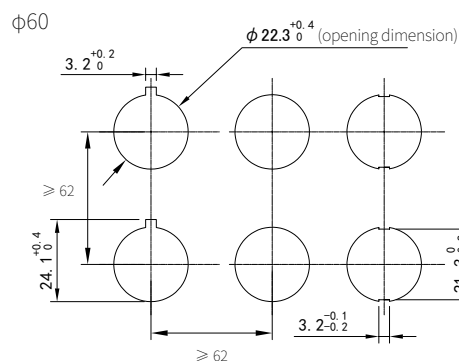
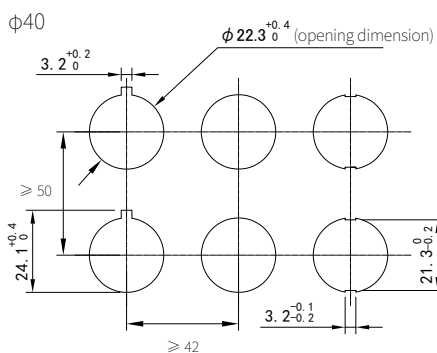


φ60 Mushroom pushbuttonN&Eoutline dimension

Mounting panel thickness, 1-6mm (default)
without fixing washer
Thickness, 1-4.5mm (optional) with fixing washer



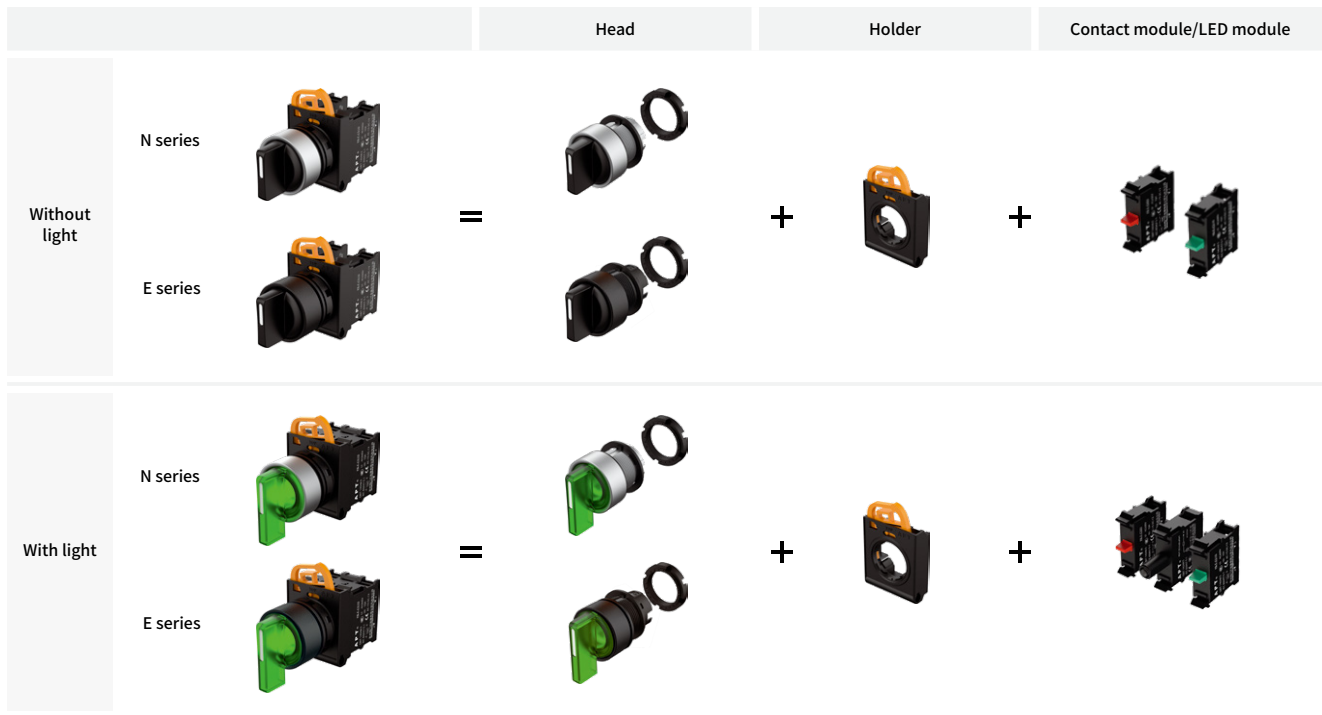
Minimum mounting distance: unit (mm)



Selector switch

Long-handle/short-handle selector switch

Selector switch



Order code description

Series	Housing color	Head	With/without light	Wiring method	Contact type	Handle type	Handle color	With light, voltage	Action function
PB3		→X2	1	S	 	S L		23	m
N: Matte silver	X2: Two-position	Q Without light	S: Screw wiring	NO	NC	S: Short-handle	r: Red	00: w/o light group	m: Positioning
E: Textured black	X3: Three-position	1: Transparent with light		NO	NC	L: Long-handle	g: Green	21: AC/DC6V	f: Left reset
							y: Yellow	22: AC/DC12V	fu: Right reset
							b: Blue	23: AC/DC24V	ffu: Left-right reset
							w: White	24: AC/DC36V	
							k: Black	25: AC/DC48V	
								26: AC/DC110V	
								28: AC/DC220V	
								31: AC220V	
								32: AC380V	

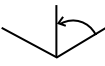
Note Contact type — ① Numbers indicate the number of contacts ② Total number of figures is up to 6

e-2 11:1NO1NC 33:3NO3NC 42:4NO2NC
1 NO 1 NC 3 NO 3 NC 4 NO 2 NC

Long-handle/short-handle selector switch

Selector switch

Short-handle selector switch

Appearance	Product type	Handle position	With light, voltage	Color	Product order 
	2-position, 90°	Positioning 	00: w/o light group	 	PB3 ■ -X20S □□ S/r00m PB3 ■ -X20S □□ S/g00m PB3 ■ -X20S □□ S/y00m PB3 ■ -X20S □□ S/b00m PB3 ■ -X20S □□ S/w00m PB3 ■ -X20S □□ S/k00m
		Right reset 	00: w/o light group	 	PB3 ■ -X20S □□ S/r00fu PB3 ■ -X20S □□ S/g00fu PB3 ■ -X20S □□ S/y00fu PB3 ■ -X20S □□ S/b00fu PB3 ■ -X20S □□ S/w00fu PB3 ■ -X20S □□ S/k00fu
	3-position, 60°	Positioning 	00: w/o light group	 	PB3 ■ -X30S □□ S/r00m PB3 ■ -X30S □□ S/g00m PB3 ■ -X30S □□ S/y00m PB3 ■ -X30S □□ S/b00m PB3 ■ -X30S □□ S/w00m PB3 ■ -X30S □□ S/k00m
		Left reset 	00: w/o light group	 	PB3 ■ -X30S □□ S/r00f PB3 ■ -X30S □□ S/g00f PB3 ■ -X30S □□ S/y00f PB3 ■ -X30S □□ S/b00f PB3 ■ -X30S □□ S/w00f PB3 ■ -X30S □□ S/k00f
		Right reset 	00: w/o light group	 	PB3 ■ -X30S □□ S/r00fu PB3 ■ -X30S □□ S/g00fu PB3 ■ -X30S □□ S/y00fu PB3 ■ -X30S □□ S/b00fu PB3 ■ -X30S □□ S/w00fu PB3 ■ -X30S □□ S/k00fu
		Left-right reset 	00: w/o light group	 	PB3 ■ -X30S □□ S/r00ffu PB3 ■ -X30S □□ S/g00ffu PB3 ■ -X30S □□ S/y00ffu PB3 ■ -X30S □□ S/b00ffu PB3 ■ -X30S □□ S/w00ffu PB3 ■ -X30S □□ S/k00ffu

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-X30S11S/k00ffu

To select E series (textured black), fill out ■ with E e.g.: PB3E-X30S11S/k00ffu

Selector switch

Long-handle/short-handle selector switch

Selector switch

Long-handle selector switch

Appearance	Product type	Handle position	With light, voltage	Color	Product order
	2-position, 90°	Positioning 	00: w/o light group	     	PB3 ■ -X20S □ □ L/r00m PB3 ■ -X20S □ □ L/g00m PB3 ■ -X20S □ □ L/y00m PB3 ■ -X20S □ □ L/b00m PB3 ■ -X20S □ □ L/w00m PB3 ■ -X20S □ □ L/k00m
		Right reset 	00: w/o light group	     	PB3 ■ -X20S □ □ L/r00fu PB3 ■ -X20S □ □ L/g00fu PB3 ■ -X20S □ □ L/y00fu PB3 ■ -X20S □ □ L/b00fu PB3 ■ -X20S □ □ L/w00fu PB3 ■ -X20S □ □ L/k00fu
	3-position, 60°	Positioning 	00: w/o light group	     	PB3 ■ -X30S □ □ L/r00m PB3 ■ -X30S □ □ L/g00m PB3 ■ -X30S □ □ L/y00m PB3 ■ -X30S □ □ L/b00m PB3 ■ -X30S □ □ L/w00m PB3 ■ -X30S □ □ L/k00m
		Left reset 	00: w/o light group	     	PB3 ■ -X30S □ □ L/r00f PB3 ■ -X30S □ □ L/g00f PB3 ■ -X30S □ □ L/y00f PB3 ■ -X30S □ □ L/b00f PB3 ■ -X30S □ □ L/w00f PB3 ■ -X30S □ □ L/k00f
		Right reset 	00: w/o light group	     	PB3 ■ -X30S □ □ L/r00fu PB3 ■ -X30S □ □ L/g00fu PB3 ■ -X30S □ □ L/y00fu PB3 ■ -X30S □ □ L/b00fu PB3 ■ -X30S □ □ L/w00fu PB3 ■ -X30S □ □ L/k00fu
		Left-right reset 	00: w/o light group	     	PB3 ■ -X30S □ □ L/r00ffu PB3 ■ -X30S □ □ L/g00ffu PB3 ■ -X30S □ □ L/y00ffu PB3 ■ -X30S □ □ L/b00ffu PB3 ■ -X30S □ □ L/w00ffu PB3 ■ -X30S □ □ L/k00ffu

■ : select N or E series

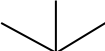
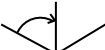
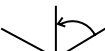
To select N series (matte silver), fill out ■ with N e.g.: PB3N-X30S11L/k00ffu

To select E series (textured black), fill out ■ with E e.g.: PB3E-X30S11L/k00ffu

Short-handle/long-handle selector switch with light

Selector switch

Short-handle selector switch with light

Appearance	Product type	Handle position	With light, voltage	Color	Product order
	2-position, 90°	Positioning 	23: AC/DC24V	● ● ● ● ○	PB3 ■ -X21S □□ S/r23m PB3 ■ -X21S □□ S/g23m PB3 ■ -X21S □□ S/y23m PB3 ■ -X21S □□ S/b23m PB3 ■ -X21S □□ S/w23m
		Right reset 	23: AC/DC24V	● ● ● ● ○	PB3 ■ -X21S □□ S/r23fu PB3 ■ -X21S □□ S/g23fu PB3 ■ -X21S □□ S/y23fu PB3 ■ -X21S □□ S/b23fu PB3 ■ -X21S □□ S/w23fu
		Positioning 	23: AC/DC24V	● ● ● ● ○	PB3 ■ -X31S □□ S/r23m PB3 ■ -X31S □□ S/g23m PB3 ■ -X31S □□ S/y23m PB3 ■ -X31S □□ S/b23m PB3 ■ -X31S □□ S/w23m
		Left reset 	23: AC/DC24V	● ● ● ● ○	PB3 ■ -X31S □□ S/r23f PB3 ■ -X31S □□ S/g23f PB3 ■ -X31S □□ S/y23f PB3 ■ -X31S □□ S/b23f PB3 ■ -X31S □□ S/w23f
	3-position, 60°	Right reset 	23: AC/DC24V	● ● ● ● ○	PB3 ■ -X31S □□ S/r23fu PB3 ■ -X31S □□ S/g23fu PB3 ■ -X31S □□ S/y23fu PB3 ■ -X31S □□ S/b23fu PB3 ■ -X31S □□ S/w23fu
		Left-right reset 	23: AC/DC24V	● ● ● ● ○	PB3 ■ -X31S □□ S/r23ffu PB3 ■ -X31S □□ S/g23ffu PB3 ■ -X31S □□ S/y23ffu PB3 ■ -X31S □□ S/b23ffu PB3 ■ -X31S □□ S/w23ffu

■ : select N or E series

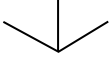
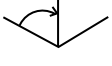
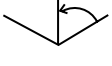
To select N series (matte silver), fill out ■ with N e.g.: PB3N - X31S11S/w23ffu

To select E series (textured black), fill out ■ with E e.g.: PB3E - X31S11S/w23ffu

Short-handle/long-handle selector switch with light

Selector switch

Short-handle selector switch with light

Appearance	Product type	Handle position	With light, voltage	Color	Product order
	2-position, 90°	Positioning 	28: AC/DC220V	● ● ● ● ○	PB3 ■ -X21S □□ S/r28m PB3 ■ -X21S □□ S/g28m PB3 ■ -X21S □□ S/y28m PB3 ■ -X21S □□ S/b28m PB3 ■ -X21S □□ S/w28m
		Right reset 	28: AC/DC220V	● ● ● ● ○	PB3 ■ -X21S □□ S/r28fu PB3 ■ -X21S □□ S/g28fu PB3 ■ -X21S □□ S/y28fu PB3 ■ -X21S □□ S/b28fu PB3 ■ -X21S □□ S/w28fu
	3-position, 60°	Positioning 	28: AC/DC220V	● ● ● ● ○	PB3 ■ -X31S □□ S/r28m PB3 ■ -X31S □□ S/g28m PB3 ■ -X31S □□ S/y28m PB3 ■ -X31S □□ S/b28m PB3 ■ -X31S □□ S/w28m
		Left reset 	28: AC/DC220V	● ● ● ● ○	PB3 ■ -X31S □□ S/r28f PB3 ■ -X31S □□ S/g28f PB3 ■ -X31S □□ S/y28f PB3 ■ -X31S □□ S/b28f PB3 ■ -X31S □□ S/w28f
		Right reset 	28: AC/DC220V	● ● ● ● ○	PB3 ■ -X31S □□ S/r28fu PB3 ■ -X31S □□ S/g28fu PB3 ■ -X31S □□ S/y28fu PB3 ■ -X31S □□ S/b28fu PB3 ■ -X31S □□ S/w28fu
		Left-right reset 	28: AC/DC220V	● ● ● ● ○	PB3 ■ -X31S □□ S/r28ffu PB3 ■ -X31S □□ S/g28ffu PB3 ■ -X31S □□ S/y28ffu PB3 ■ -X31S □□ S/b28ffu PB3 ■ -X31S □□ S/w28ffu

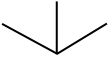
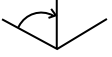
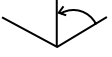
■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-X31S11S/w28ffu

To select E series (textured black), fill out ■ with E e.g.: PB3E-X31S11S/w28ffu

Selector switch

Long-handle selector switch with light

Appearance	Product type	Handle position	With light, voltage	Color	Product order 
	2-position, 90°	Positioning 	23: AC/DC24V	 	PB3 ■ -X21S □□ L/r23m PB3 ■ -X21S □□ L/g23m PB3 ■ -X21S □□ L/y23m PB3 ■ -X21S □□ L/b23mz PB3 ■ -X21S □□ L/w23m
		Right reset 	23: AC/DC24V	 	PB3 ■ -X21S □□ L/r23fu PB3 ■ -X21S □□ L/g23fu PB3 ■ -X21S □□ L/y23fu PB3 ■ -X21S □□ L/b23fu PB3 ■ -X21S □□ L/w23fu
	3-position, 60°	Positioning 	23: AC/DC24V	 	PB3 ■ -X31S □□ L/r23m PB3 ■ -X31S □□ L/g23m PB3 ■ -X31S □□ L/y23m PB3 ■ -X31S □□ L/b23m PB3 ■ -X31S □□ L/w23m
		Left reset 	23: AC/DC24V	 	PB3 ■ -X31S □□ L/r23f PB3 ■ -X31S □□ L/g23f PB3 ■ -X31S □□ L/y23f PB3 ■ -X31S □□ L/b23f PB3 ■ -X31S □□ L/w23f
		Right reset 	23: AC/DC24V	 	PB3 ■ -X31S □□ L/r23fu PB3 ■ -X31S □□ L/g23fu PB3 ■ -X31S □□ L/y23fu PB3 ■ -X31S □□ L/b23fu PB3 ■ -X31S □□ L/w23fu
		Left-right reset 	23: AC/DC24V	 	PB3 ■ -X31S □□ L/r23ffu PB3 ■ -X31S □□ L/g23ffu PB3 ■ -X31S □□ L/y23ffu PB3 ■ -X31S □□ L/b23ffu PB3 ■ -X31S □□ L/w23ffu

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N - X31S11S/w23ffu

To select E series (textured black), fill out ■ with E e.g.: PB3E - X31S11S/w23ffu

Short-handle/long-handle selector switch with light

Selector switch

Long-handle selector switch with light

Appearance	Product type	Handle position	With light, voltage	Color	Product order
	2-position, 90°	Positioning 	28: AC/DC220V	●	PB3 ■ -X21S □□ L/r28m
				●	PB3 ■ -X21S □□ L/g28m
				●	PB3 ■ -X21S □□ L/y28m
				●	PB3 ■ -X21S □□ L/b28m
				○	PB3 ■ -X21S □□ L/w28m
		Right reset 	28: AC/DC220V	●	PB3 ■ -X21S □□ L/r28fu
				●	PB3 ■ -X21S □□ L/g28fu
				●	PB3 ■ -X21S □□ L/y28fu
				●	PB3 ■ -X21S □□ L/b28fu
				○	PB3 ■ -X21S □□ L/w28fu
	3-position, 60°	Positioning 	28: AC/DC220V	●	PB3 ■ -X31S □□ L/r28m
				●	PB3 ■ -X31S □□ L/g28m
				●	PB3 ■ -X31S □□ L/y28m
				●	PB3 ■ -X31S □□ L/b28m
				○	PB3 ■ -X31S □□ L/w28m
		Left reset 	28: AC/DC220V	●	PB3 ■ -X31S □□ L/r28f
				●	PB3 ■ -X31S □□ L/g28f
				●	PB3 ■ -X31S □□ L/y28f
				●	PB3 ■ -X31S □□ L/b28f
				○	PB3 ■ -X31S □□ L/w28f
		Right reset 	28: AC/DC220V	●	PB3 ■ -X31S □□ L/r28fu
				●	PB3 ■ -X31S □□ L/g28fu
				●	PB3 ■ -X31S □□ L/y28fu
				●	PB3 ■ -X31S □□ L/b28fu
				○	PB3 ■ -X31S □□ L/w28fuzz
		Left-right reset 	28: AC/DC220V	●	PB3 ■ -X31S □□ L/r28ffu
				●	PB3 ■ -X31S □□ L/g28ffu
				●	PB3 ■ -X31S □□ L/y28ffu
				●	PB3 ■ -X31S □□ L/b28ffu
				○	PB3 ■ -X31S □□ L/w28ffu

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-X31S11L/w28ffu

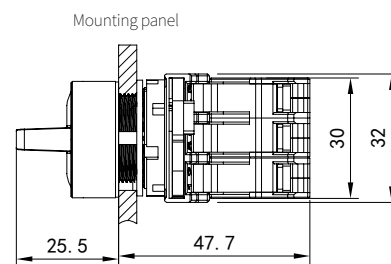
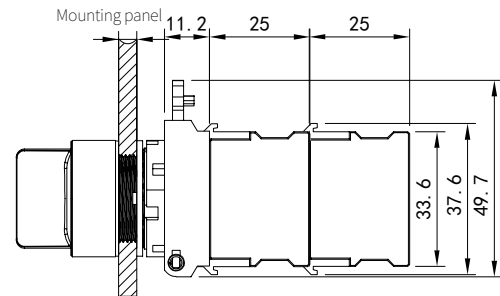
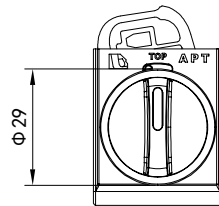
To select E series (textured black), fill out ■ with E e.g.: PB3E-X31S11L/w28ffu

Selector switch

Selector switch outline dimension

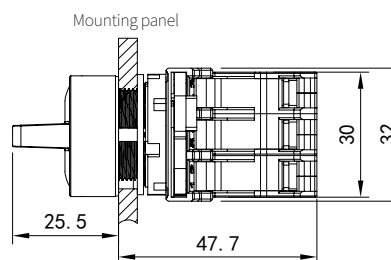
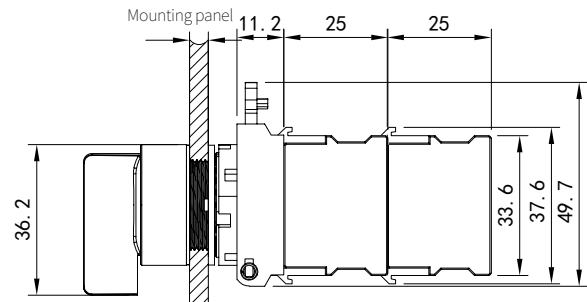
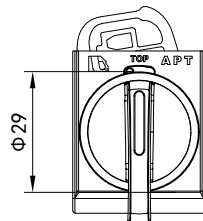
Short-handle N&E outline dimension

Mounting panel thickness, 1-4.5mm (standard)
with fixing washer



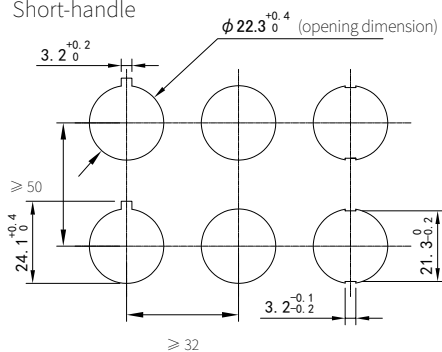
Long-handle N&E outline dimension

Mounting panel thickness, 1-4.5mm (standard)
with fixing washer

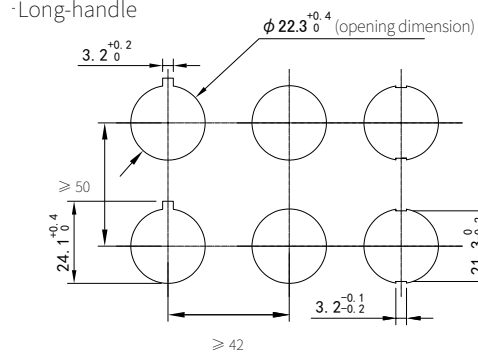


Minimum mounting distance: unit (mm)

Short-handle

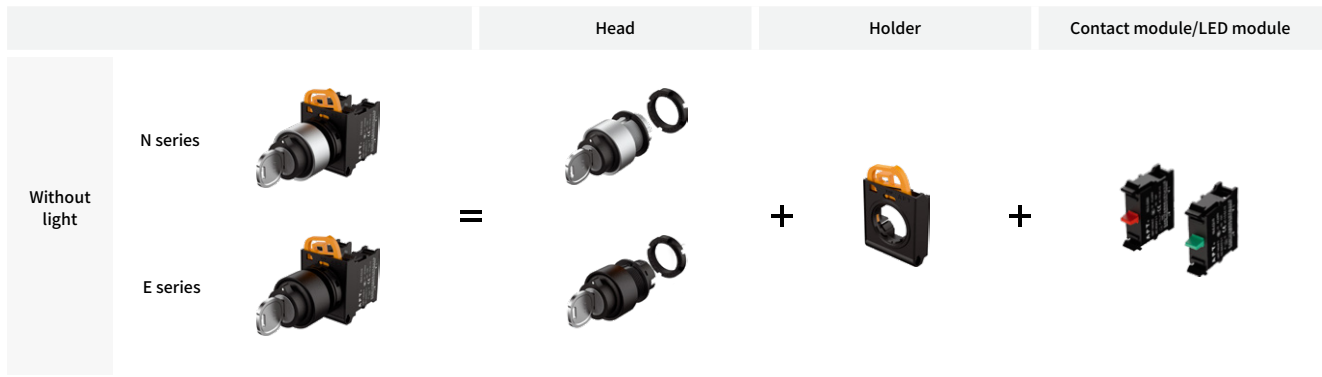


Long-handle

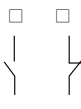


Key switch

Key switch



Order code description

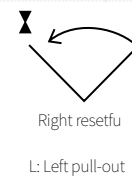
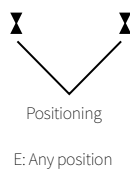
Series	Housing color	Head	Wiring method	Contact type	Key pull-out position	Action function
PB3	■ —	Y2	S	□ □ /	E	m
	N: Matte silver E: Textured black	Y2: 2-positionKey switch Y3: 3-positionKey switch	S: Screw wiring	 NO NC  NO NC	E: Any position L: Left C: Center R: Right	m: Positioning f: Left reset fu: Right reset ffu: Left-right reset

Note Contact type — ① Numbers indicate the number of contacts ② Total number of figures is up to 6

e.g. 11:1NO1NC 33:3NO3NC 42:4NO2NC
1 NO 1 NC 3 NO 3 NC 4 NO 2 NC

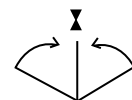
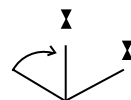
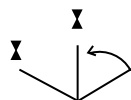
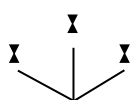
Key pull-out positionNote

Y2: 2-position (90°)

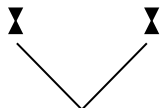
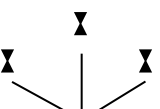


Note: Left pull-out by default

Y3: 3-position (60°)



Key switch

Appearance	Product type	Action function	Key pull-out position	Product order
	2-position, 90°		m: Positioning	Left PB3 ■ -Y2S □□ /Lm Right PB3 ■ -Y2S □□ /Rm Any PB3 ■ -Y2S □□ /Em
			fu: Right reset	Left PB3 ■ -Y2S □□ /Lfu
	3-position, 60°		m: Positioning	Left PB3 ■ -Y3S □□ /Lm Center PB3 ■ -Y3S □□ /Cm Right PB3 ■ -Y3S □□ /Rm Any PB3 ■ -Y3S □□ /Em
			f: Left reset	Center PB3 ■ -Y3S □□ /Cf Right PB3 ■ -Y3S □□ /Rf Any PB3 ■ -Y3S □□ /Ef
			fu: Right reset	Left PB3 ■ -Y3S □□ /Lfu Center PB3 ■ -Y3S □□ /Cfu Any PB3 ■ -Y3S □□ /Efu
			ffu: Left-right reset	Center PB3 ■ -Y3S □□ /Cffu

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-Y3S11/Cffu

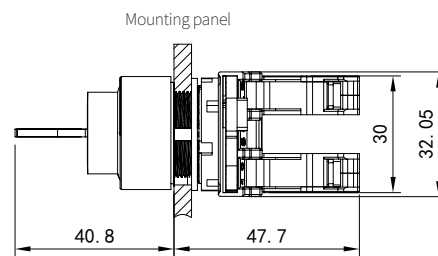
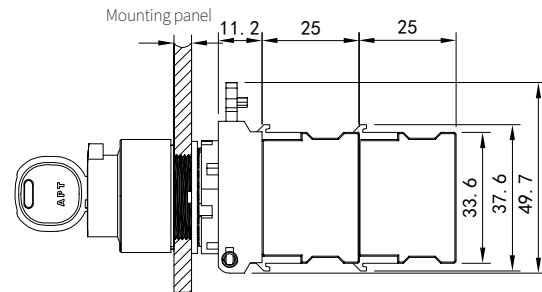
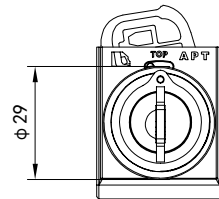
To select E series (textured black), fill out ■ with E e.g.: PB3E-Y3S11/Cffu

Key switch

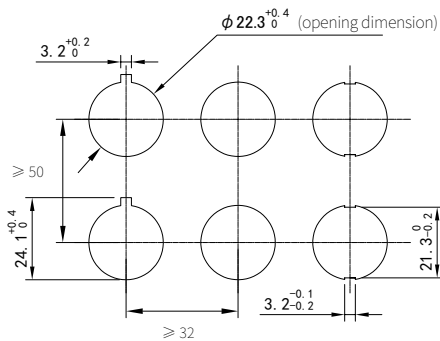
Key switch outline dimension

Key switch outline dimension

Mounting panel thickness, 1-4.5mm (standard)
with fixing washer



Minimum mounting distance: unit (mm)



Twin pushbutton

Twin pushbutton

			Head		Holder		Contact module/LED module					
Without light	N series		=				+		+			
	E series		=				+		+			
With light	N series		=				+		+			
	E series		=				+		+			

Order code description

Series	Product category	Pushbutton type	Operation type	With/without light	Wiring method	Contact type	Inscription	Light color	With light, voltage
PB3	E —	D	M	0	S	 	RS1	/ n	00
E: Basic N: Standard		D: Twin pushbutton	M: Momentary type	0: Without light 1: Transparent with light	S: Screw wiring	NO NO NC NC	R: High-position twin pushbutton F: Flat twin pushbutton RS1: Red high button printed with  Green low button printed with  RS2: Black high button printed with  White low button printed with  FS1: 2-position flush Red button printed with  Green button printed with  FS2: 2-position flush Black button printed with  White button printed with  	n: w/o light r: red g: green y: yellow b: blue w: white	00: w/o light group 21: AC/DC6V 22: AC/DC12V 23: AC/DC24V 24: AC/DC36V 25: AC/DC48V 26: AC/DC110V 28: AC/DC220V 31: AC220V 32: AC380V

Note Contact type — ① Numbers indicate the number of contacts ② Total number of figures is up to 4

e.g. 11:1NO1NC 22:2NO2NC
1 NO 1 NC 2 NO 2 NC

Twin pushbutton

Twin pushbutton

	Appearance	Action manner	Pushbutton Color	With light, voltage	Light color	Product order
High-position twin pushbutton			● ●	00: w/o light group	Without	PB3 ■ -DM0S □□ RS1/n00
			● ○		light	PB3 ■ -DM0S □□ RS2/n00
Flat twin pushbutton			● ●	00: w/o light group	Without	PB3 ■ -DM0S □□ FS1/n00
			● ○		light	PB3 ■ -DM0S □□ FS2/n00
High-position twin pushbutton with light		M: Momentary type	● ●	23: AC/DC24V	● ● ●	PB3 ■ -DM1S □□ RS1/r23 PB3 ■ -DM1S □□ RS1/g23 PB3 ■ -DM1S □□ RS1/y23 PB3 ■ -DM1S □□ RS1/b23 PB3 ■ -DM1S □□ RS1/w23
			● ○		● ○	PB3 ■ -DM1S □□ RS2/r23 PB3 ■ -DM1S □□ RS2/g23 PB3 ■ -DM1S □□ RS2/y23 PB3 ■ -DM1S □□ RS2/b23 PB3 ■ -DM1S □□ RS2/w23
Flat twin pushbutton with light			● ●	28: AC/DC220V	● ● ●	PB3 ■ -DM1S □□ FS1/r23 PB3 ■ -DM1S □□ FS1/g23 PB3 ■ -DM1S □□ FS1/y23 PB3 ■ -DM1S □□ FS1/b23 PB3 ■ -DM1S □□ FS1/w23
			● ○		● ○	PB3 ■ -DM1S □□ FS2/r23 PB3 ■ -DM1S □□ FS2/g23 PB3 ■ -DM1S □□ FS2/y23 PB3 ■ -DM1S □□ FS2/b23 PB3 ■ -DM1S □□ FS2/w23

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-DM0S11RS1/n00

To select E series (textured black), fill out ■ with E e.g.: PB3E-DM0S11RS1/n00

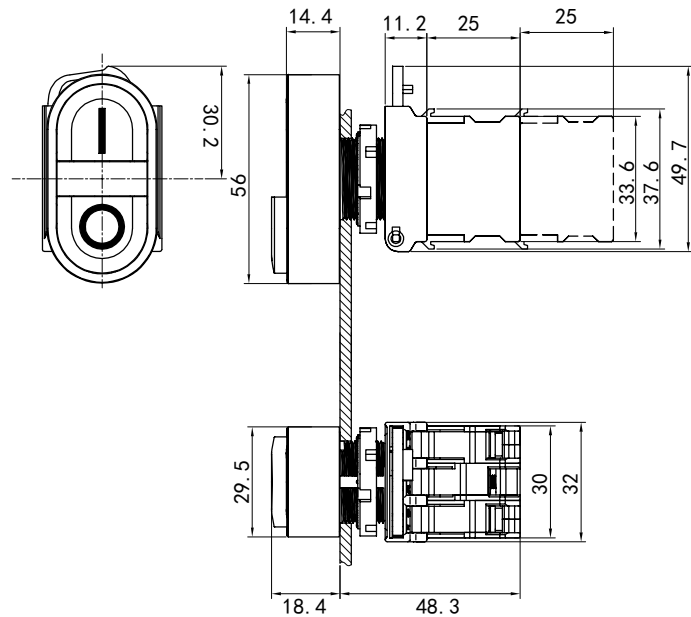
Twin pushbutton

Twin pushbutton outline dimension

Twin pushbutton

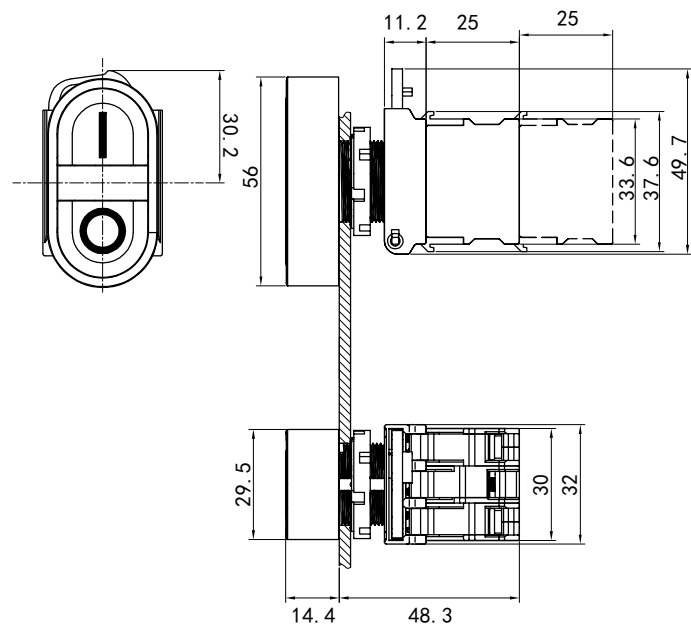
High-position twin pushbutton N&E outline dimension

Mounting panel thickness, 1-6mm (default)
without fixing washer
Thickness, 1-4.5mm (optional) with fixing washer

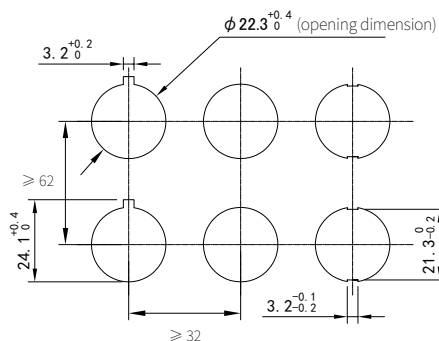


Flat twin pushbutton N&E outline dimension

Mounting panel thickness, 1-6mm (default)
without fixing washer
Thickness, 1-4.5mm (optional) with fixing washer



Minimum mounting distance: unit (mm)



E-stop pushbutton

E-stop pushbutton

		Head	Holder	Contact module/LED module
Without light	N series Rotary/pull release Trigger type E-stop pushbutton			
	E series Rotary release E-stop pushbutton			
	E series Pull release E-stop pushbutton			
With lamp Rotary/pull release	N series Rotary/pull release Trigger type E-stop pushbutton			

Order code description

Series	Product category	Pushbutton type	Operation type	Mushroom diameter	With/without light	Wiring method	Contact type	Mushroom color	With light, voltage
PB3	E	— Z	R	4	0	S	□ □ / └─┘ └─┘ NO NC NO NC 	r	00
	E: Basic N: Standard type	Z: E-stop pushbutton	R: Rotary release (E series) Rotary/pull trigger (N series) L: Pull release (E series)	4: φ40mm	0: w/o light 1: with light (N series)	S: Screw wiring	NO NC NO NC 	r: Red	00: w/o light group 21: AC/DC6V 22: AC/DC12V 23: AC/DC24V 24: AC/DC36V 25: AC/DC48V 26: AC/DC110V 28: AC/DC220V 31: AC220V 32: AC380V

 Contact type — ① Numbers indicate the number of contacts ② Total number of PB3E rotary release E-stop contacts is up to 6
Total number of PB3E pull release E-stop contacts is up to 4 Total number of PB3N rotary/pull trigger E-stop contacts is up to 2

 11:1NO1NC 33:3NO3NC 42:4NO2NC
1NO1NC 3NO3NC 4NO2NC

E-stop pushbutton

Appearance	Operation type	With light, voltage	Color	Product order code 
	ZR: Rotary/pull release trigger(N series)	00: w/o light group		PB3N-ZR40S □□ /r00
	ZR: Rotary release (E series)	00: w/o light group		PB3E-ZR40S □□ /r00
	ZL: Pull release (E series)	00: w/o light group		PB3E-ZL40S □□ /r00

E-stop pushbutton with light

Appearance	Operation type	With light, voltage	Color	Product order code 
	ZR: Rotary/pull release trigger(N series)	28: AC/DC220V		PB3N-ZR41S □□ /r28

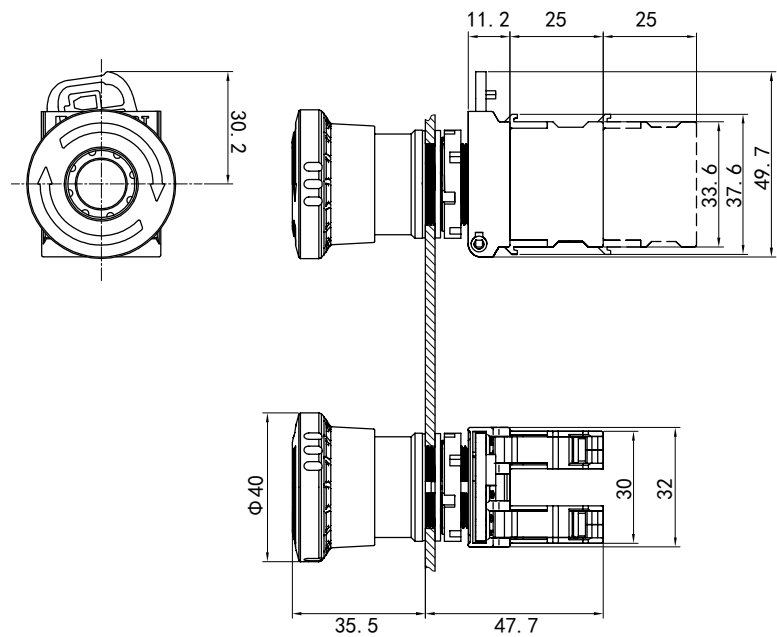
E-stop pushbutton

E-stop pushbutton Outline Dimension

E-stop pushbutton

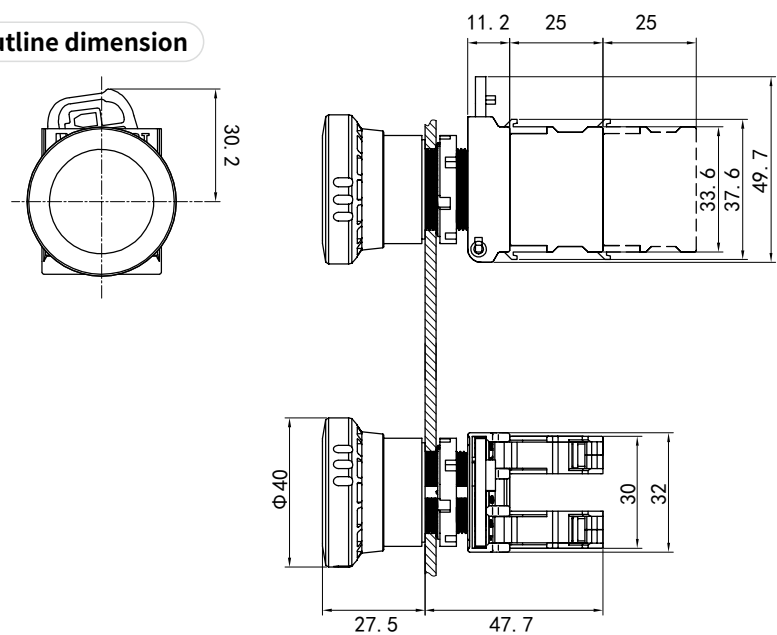
PB3E rotary release E-stop pushbutton outline dimension

Mounting panel thickness, 1-4.5mm (standard)
with fixing washer



PB3E pull release E-stop pushbutton outline dimension

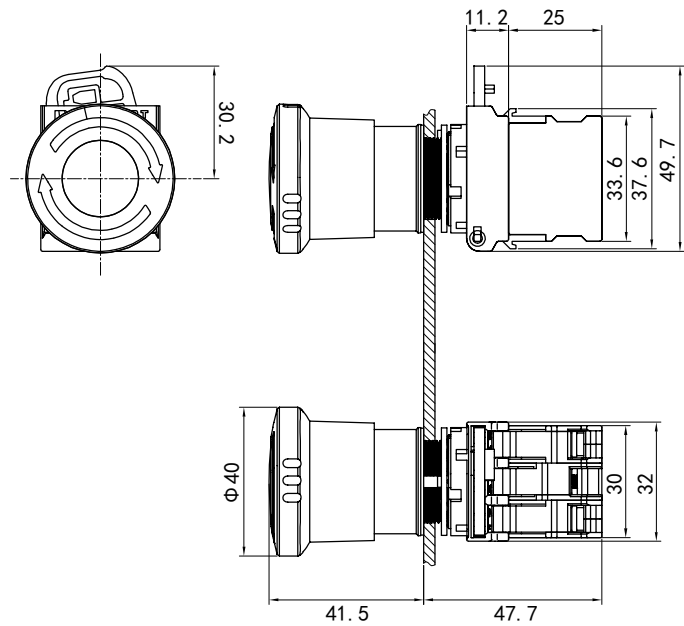
Mounting panel thickness, 1-6mm (default)
without fixing washer, 1-4.5mm (optional) with
fixing washer



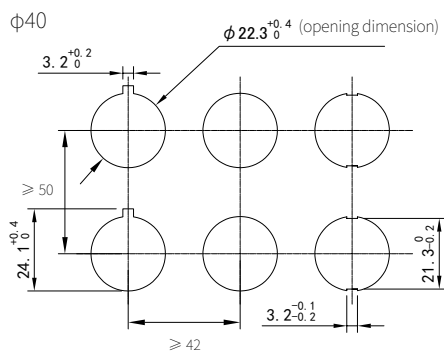
E-stop pushbutton

PB3N rotary/pull release trigger type E-stop pushbutton

Mounting panel thickness, 1-4.5mm (standard)
with fixing washer



Minimum mounting distance: unit (mm)



Accessory Head

Head

E-stop pushbutton (40mm)

Appearance	Operation type	With/without light	Color	N series rotary/pull release trigger type without inscription
	ZR: Rotary/pull release trigger type	0: Without light	●	PB3N-ZR40/r
	ZR: Rotary release	0: Without light	●	E series rotary release without inscription PB3E-ZR40/r
	ZL: Pull release	0: Without light	●	E series pull release without inscription PB3E-ZL40/r
	ZR: Rotary/pull release trigger type	1: Transparent with light	●	N series rotary/pull release trigger type with light without inscription PB3N-ZR41/r

Head

Mushroom pushbutton (40mm)

Appearance	Action manner	With/without light	Color	N series momentary without inscription	N series momentary with inscription	N series latching without inscription	N series latching with inscription
	M: Momentary type T: Latching	0: Without light		PB3 ■ -M4M0S00/r	PB3 ■ -M4M0S99/r	PB3 ■ -M4T0S00/r	PB3 ■ -M4T0S99/r
				PB3 ■ -M4M0S00/g	PB3 ■ -M4M0S99/g	PB3 ■ -M4T0S00/g	PB3 ■ -M4T0S99/g
				PB3 ■ -M4M0S00/y	PB3 ■ -M4M0S99/y	PB3 ■ -M4T0S00/y	PB3 ■ -M4T0S99/y
				PB3 ■ -M4M0S00/b	PB3 ■ -M4M0S99/b	PB3 ■ -M4T0S00/b	PB3 ■ -M4T0S99/b
				PB3 ■ -M4M0S00/w	PB3 ■ -M4M0S99/w	PB3 ■ -M4T0S00/w	PB3 ■ -M4T0S99/w
				PB3 ■ -M4M0S00/k	PB3 ■ -M4M0S99/k	PB3 ■ -M4T0S00/k	PB3 ■ -M4T0S99/k
	M: Momentary type T: Latching	1: Transparent with light		PB3 ■ -M4M1S00/r	PB3 ■ -M4M1S99/r	PB3 ■ -M4T1S00/r	PB3 ■ -M4T1S99/r
				PB3 ■ -M4M1S00/g	PB3 ■ -M4M1S99/g	PB3 ■ -M4T1S00/g	PB3 ■ -M4T1S99/g
				PB3 ■ -M4M1S00/y	PB3 ■ -M4M1S99/y	PB3 ■ -M4T1S00/y	PB3 ■ -M4T1S99/y
				PB3 ■ -M4M1S00/b	PB3 ■ -M4M1S99/b	PB3 ■ -M4T1S00/b	PB3 ■ -M4T1S99/b
				PB3 ■ -M4M1S00/w	PB3 ■ -M4M1S99/w	PB3 ■ -M4T1S00/w	PB3 ■ -M4T1S99/w

Mushroom pushbutton (60mm)

Appearance	Action manner	With/without light	Color	N series momentary without inscription	N series momentary with inscription	N series latching without inscription	N series latching with inscription
	M: Momentary type T: Latching	0: Without light		PB3 ■ -M6M0S00/r	PB3 ■ -M6M0S99/r	PB3 ■ -M6T0S00/r	PB3 ■ -M6T0S99/r
				PB3 ■ -M6M0S00/g	PB3 ■ -M6M0S99/g	PB3 ■ -M6T0S00/g	PB3 ■ -M6T0S99/g
				PB3 ■ -M6M0S00/y	PB3 ■ -M6M0S99/y	PB3 ■ -M6T0S00/y	PB3 ■ -M6T0S99/y
				PB3 ■ -M6M0S00/b	PB3 ■ -M6M0S99/b	PB3 ■ -M6T0S00/b	PB3 ■ -M6T0S99/b
				PB3 ■ -M6M0S00/w	PB3 ■ -M6M0S99/w	PB3 ■ -M6T0S00/w	PB3 ■ -M6T0S99/w
				PB3 ■ -M6M0S00/k	PB3 ■ -M6M0S99/k	PB3 ■ -M6T0S00/k	PB3 ■ -M6T0S99/k
	M: Momentary type T: Latching	1: Transparent with light		PB3 ■ -M6M1S00/r	PB3 ■ -M6M1S99/r	PB3 ■ -M6T1S00/r	PB3 ■ -M6T1S99/r
				PB3 ■ -M6M1S00/g	PB3 ■ -M6M1S99/g	PB3 ■ -M6T1S00/g	PB3 ■ -M6T1S99/g
				PB3 ■ -M6M1S00/y	PB3 ■ -M6M1S99/y	PB3 ■ -M6T1S00/y	PB3 ■ -M6T1S99/y
				PB3 ■ -M6M1S00/b	PB3 ■ -M6M1S99/b	PB3 ■ -M6T1S00/b	PB3 ■ -M6T1S99/b
				PB3 ■ -M6M1S00/w	PB3 ■ -M6M1S99/w	PB3 ■ -M6T1S00/w	PB3 ■ -M6T1S99/w

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-M6T1S99/w

To select E series (textured black), fill out ■ with E e.g.: PB3E-M6T1S99/w

Accessory Head

Head

Flat pushbutton

Appearance	Action manner	With/without light	Color	N series momentary without inscription	N series momentary with inscription	N series latching without inscription	N series latching with inscription
	M: Momentary type T: Latching	0: Without light	●	PB3 ■ -FM0S00/r	PB3 ■ -FM0S99/r	PB3 ■ -FT0S00/r	PB3 ■ -FT0S99/r
			●	PB3 ■ -FM0S00/g	PB3 ■ -FM0S99/g	PB3 ■ -FT0S00/g	PB3 ■ -FT0S99/g
			●	PB3 ■ -FM0S00/y	PB3 ■ -FM0S99/y	PB3 ■ -FT0S00/y	PB3 ■ -FT0S99/y
			●	PB3 ■ -FM0S00/b	PB3 ■ -FM0S99/b	PB3 ■ -FT0S00/b	PB3 ■ -FT0S99/b
			○	PB3 ■ -FM0S00/w	PB3 ■ -FM0S99/w	PB3 ■ -FT0S00/w	PB3 ■ -FT0S99/w
			●	PB3 ■ -FM0S00/k	PB3 ■ -FM0S99/k	PB3 ■ -FT0S00/k	PB3 ■ -FT0S99/k
	M: Momentary type T: Latching	1: Transparent with light	●	PB3 ■ -FM1S00/r	PB3 ■ -FM1S99/r	PB3 ■ -FT1S00/r	PB3 ■ -FT1S99/r
		2: Textured with light	●	PB3 ■ -FM1S00/g	PB3 ■ -FM1S99/g	PB3 ■ -FT1S00/g	PB3 ■ -FT1S99/g
			●	PB3 ■ -FM1S00/y	PB3 ■ -FM1S99/y	PB3 ■ -FT1S00/y	PB3 ■ -FT1S99/y
			●	PB3 ■ -FM1S00/b	PB3 ■ -FM1S99/b	PB3 ■ -FT1S00/b	PB3 ■ -FT1S99/b
			○	PB3 ■ -FM1S00/w	PB3 ■ -FM1S99/w	PB3 ■ -FT1S00/w	PB3 ■ -FT1S99/w

High-position button

Appearance	Action manner	With/without light	Color	N series momentary without inscription	N series momentary with inscription	N series latching without inscription	N series latching with inscription
	M: Momentary type T: Latching	0: Without light	●	PB3 ■ -HM0S00/r	PB3 ■ -HM0S99/r	PB3 ■ -HT0S00/r	PB3 ■ -HT0S99/r
			●	PB3 ■ -HM0S00/g	PB3 ■ -HM0S99/g	PB3 ■ -HT0S00/g	PB3 ■ -HT0S99/g
			●	PB3 ■ -HM0S00/y	PB3 ■ -HM0S99/y	PB3 ■ -HT0S00/y	PB3 ■ -HT0S99/y
			●	PB3 ■ -HM0S00/b	PB3 ■ -HM0S99/b	PB3 ■ -HT0S00/b	PB3 ■ -HT0S99/b
			○	PB3 ■ -HM0S00/w	PB3 ■ -HM0S99/w	PB3 ■ -HT0S00/w	PB3 ■ -HT0S99/w
			●	PB3 ■ -HM0S00/k	PB3 ■ -HM0S99/k	PB3 ■ -HT0S00/k	PB3 ■ -HT0S99/k
	M: Momentary type T: Latching	1: Transparent with light	●	PB3 ■ -HM1S00/r	PB3 ■ -HM1S99/r	PB3 ■ -HT1S00/r	PB3 ■ -HT1S99/r
		2: Textured with light	●	PB3 ■ -HM1S00/g	PB3 ■ -HM1S99/g	PB3 ■ -HT1S00/g	PB3 ■ -HT1S99/g
			●	PB3 ■ -HM1S00/y	PB3 ■ -HM1S99/y	PB3 ■ -HT1S00/y	PB3 ■ -HT1S99/y
			●	PB3 ■ -HM1S00/b	PB3 ■ -HM1S99/b	PB3 ■ -HT1S00/b	PB3 ■ -HT1S99/b
			○	PB3 ■ -HM1S00/w	PB3 ■ -HM1S99/w	PB3 ■ -HT1S00/w	PB3 ■ -HT1S99/w

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-HT1S99/w

To select E series (textured black), fill out ■ with E e.g.: PB3E-HT1S99/w

Head

Short-handle selector switch

Appearance	With/without light	Color	N series 2-position	Action manner	N series 3-position	Action manner
	0: Without light	● ● ● ● ○ ●	PB3 ■ -X20S/r △ PB3 ■ -X20S/g △ PB3 ■ -X20S/y △ PB3 ■ -X20S/b △ PB3 ■ -X20S/w △ PB3 ■ -X20S/k △	△ m: positioning type fu: Right reset	PB3 ■ -X30S/r △ PB3 ■ -X30S/g △ PB3 ■ -X30S/y △ PB3 ■ -X30S/b △ PB3 ■ -X30S/w △ PB3 ■ -X30S/k △	△ m: positioning type f: left reset fu: right reset ffu: left-right reset
	1: Transparent with light	● ● ● ● ○	PB3 ■ -X21S/r △ PB3 ■ -X21S/g △ PB3 ■ -X21S/y △ PB3 ■ -X21S/b △ PB3 ■ -X21S/w △	△ m: positioning type fu: Right reset	PB3 ■ -X31S/r △ PB3 ■ -X31S/g △ PB3 ■ -X31S/y △ PB3 ■ -X31S/b △ PB3 ■ -X31S/w △	△ m: positioning type f: left reset fu: right reset ffu: left-right reset

Long-handle Selector switch

Appearance	With/without light	Color	N series 2-position	Action manner	N series 3-position	Action manner
	0: Without light	● ● ● ● ○ ●	PB3 ■ -X20L/r △ PB3 ■ -X20L/g △ PB3 ■ -X20L/y △ PB3 ■ -X20L/b △ PB3 ■ -X20L/w △ PB3 ■ -X20L/k △	△ m: Positioning type fu: Right reset	PB3 ■ -X30L/r △ PB3 ■ -X30L/g △ PB3 ■ -X30L/y △ PB3 ■ -X30L/b △ PB3 ■ -X30L/w △ PB3 ■ -X30L/k △	△ m: Positioning type f: Left reset fu: Right reset ffu: Left-right reset
	1: Transparent with light	● ● ● ● ○	PB3 ■ -X21L/r △ PB3 ■ -X21L/g △ PB3 ■ -X21L/y △ PB3 ■ -X21L/b △ PB3 ■ -X21L/w △	△ m: Positioning type fu: Right reset	PB3 ■ -X31L/r △ PB3 ■ -X31L/g △ PB3 ■ -X31L/y △ PB3 ■ -X31L/b △ PB3 ■ -X31L/w △	△ m: Positioning type f: Left reset fu: Right reset ffu: Left-right reset

Key switch

Appearance	N series 2-position	Key pull-out position	Action manner	N series 3-position	Key pull-out position	Action manner
	PB3 ■ - Y2/ ○△ PB3 ■ - Y2/ ○△ PB3 ■ - Y2/ ○△ PB3 ■ - Y2/ ○△ PB3 ■ - Y2/ ○△ PB3 ■ - Y2/ ○△	○ L: Left R: Right E: Any	△ m: Positioning type fu: Right reset	PB3 ■ - Y3/ ○△ PB3 ■ - Y3/ ○△ PB3 ■ - Y3/ ○△ PB3 ■ - Y3/ ○△ PB3 ■ - Y3/ ○△ PB3 ■ - Y3/ ○△	○ L: Left C: Center R: Right E: Any	△ m: Positioning type f: Left reset fu: Right reset ffu: Left-right reset

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-Y3/ ○△

To select E series (textured black), fill out ■ with E e.g.: PB3E-Y3/ ○△

Accessory Head

Head

Twin pushbutton

Appearance	Operation type	With/without light	Pushbutton color	N series red-green twin pushbutton	N series black-white twin pushbutton
	M: Momentary type	0: Without light	RS1: ● ● RS2: ● ○	PB3 ■ -DM0RS1	PB3 ■ -DM0RS2
		0: Without light	FS1: ● ● FS2: ● ○	PB3 ■ -DM0FS1	PB3 ■ -DM0FS2
		1: Transparent with light	RS1: ● ● RS2: ● ○	PB3 ■ -DM1RS1	PB3 ■ -DM1RS2
		1: Transparent with light	FS1: ● ● FS2: ● ○	PB3 ■ -DM1FS1	PB3 ■ -DM1FS2

■ : select N or E series

To select N series (matte silver), fill out ■ with N e.g.: PB3N-DM0RS1

To select E series (textured black), fill out ■ with E e.g.: PB3E-DM0RS1

Holder	Order code	Material
	PB-F-ZPF	PA+POM

Contact module	Wiring method	Contact type	Order code	Note
	S: Screw wiring	1NO	PB-F-CS10	NO contact
	S: Screw wiring	1NC	PB-F-CS01	NC contact

LED	Order code	Note	Purpose
	PB-F-DS/◇◆	◇ Fill in the color ◆ Fill in the voltage class of the lighting component(See P2)	To be mounted at the tail of the pushbutton, used for pushbutton with light

Auxiliary	Order code	Note	Purpose
	PB1-F-C00	Without contact (optional)	To be mounted in the middle of switching component, used for limiting

Accessory

Fixing	Order code	Material	Purpose
	PB-F-T	PA66	Used for positioning pushbutton and preventing head rotation

Seal	Order code	Material	Purpose
	F1	Silicone	To be mounted at the head of pushbutton, water and dust resistant

Protective	Order code	Material	Purpose
	F2	Silicone	To be mounted at the head of pushbutton, for collision and false operation protection

Panel	Order code	Material	Purpose
	F19	ABS	Used for blocking reversed hole or excessive hole

Socket	Order code	Material	Purpose
	PB-F-S	Aluminum	Used for mounting/dismantling head fastening nut

Protection cover	Order code	Material	Purpose
	F3-1	PC	To be mounted at the head of flat pushbutton, for collision and false operation protection and blocking
	F3-2	PC	To be mounted at the head of short-handle selector switch and key switch, for collision and false operation protection and blocking
	F3-3	PC	To be mounted at the head of $\Phi 40$ mushroom pushbutton, for collision and false operation protection and blocking

Protection ring	Order code	Material	Purpose
	F14a-40 $\Phi 40$	ABS	Used for highlighting alerts and protecting mushroom pushbutton and protecting against collision and false operation
	F14a-60 $\Phi 60$		
	F14b-60 $\Phi 60$	ABS	
	F14b-90 $\Phi 90$		

Warning ring	Order code	Material	Purpose
	F13-60 $\Phi 60$	ABS	Used for E-stop pushbuttons
	F13-90 $\Phi 90$		

E-stop	Order code	Material	Purpose
	PB1-F-PC-a60	ABS	Used for highlighting alerts and protecting E-stop pushbutton and protecting against collision and false operation
	PB1-F-PC-b60	ABS	
	PB1-F-PC-b90		

Accessory

Nameplate	Order code	Material	Purpose
	F11-10 Writing area 25×10mm F11-18 Writing area 25×18mm	PC	Hung on pushbutton for symbolic indication or text description

Nameplate	Order code	Material	Purpose
	F12 (square) F12a (round)	PC	Hung on pushbutton or indicator light for symbolic indication or text description

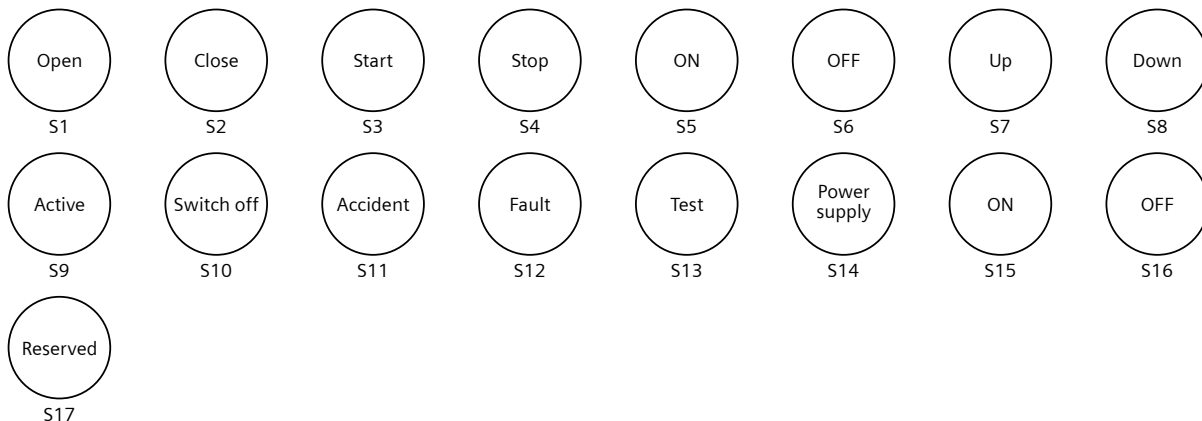
Selector switch nameplate or nameplate box inscription

Stop Start SX1	Open Close SX2	Auto Manual SX3	OFF ON SX4
OFF ON SX5	Check Reset SX6	I O SX7	O I SX8
I O II SX9	II O I SX10	1 0 2 SX11	2 0 1 SX12
OFF-NO SX13	STOP-START SX14	HAND-AUTO SX15	REV-FOR SX16

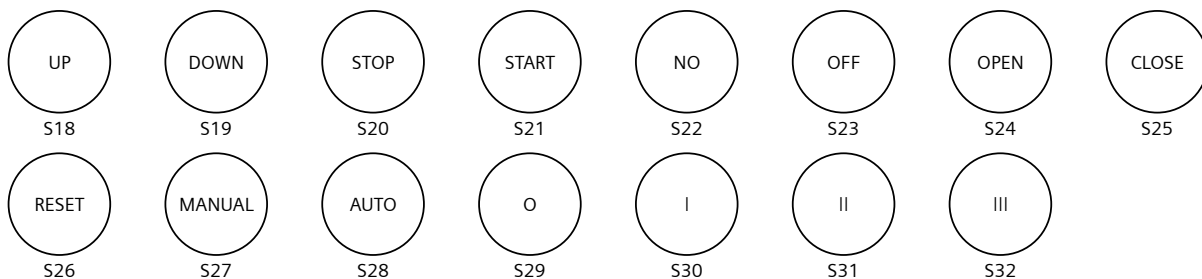
Inscription Page

Pushbutton Inscription

Chinese symbols



Standard symbols



ISO symbols

