








Colors							
	1	2	3	4	5	6	7
	White	Black	Green	Red	Yellow	Blue	Orange



Flushbutton  
NP8-□□BN/□□

E-03



Projecting button  
NP8-□□GN/□□

E-04



Mushroom button,  
self-reset  
NP8-□□M/□□

E-05



Mushroom button, self-locking,  
rotate to reset  
NP8-□□ZS/□□

E-07



Illuminated mushroom  
button, self-reset  
NP8-□□MD/□□

E-06



Illuminated double-  
head button  
NP8-□□SD

E-08



Selector switch  
NP8-□□×/□□

E-09



Illuminated Selector  
switch  
NP8-□□×D/□□

E-10



Key switch  
NP8-□ Y/□□

E-11



Double-head button  
NP8-□□S

E-08



Illuminated flush button  
NP8-□□BND/□□

E-03



Illuminated projecting  
button  
NP8-□□GND/□□

E-04



Indicator light  
NP8-D/□□

E-09



## NP8 22mm Pushbutton Compound Models

### 1. General

Electric ratings: AC50/60Hz, AC415V/DC250V;  
 Degree of protection: IP65  
 Standard: IEC/EN60947-5-1

### 2. Operating conditions

- 2.1 Ambient temperature is  $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ , the average temperature during 24 hours couldn't exceed  $+35^{\circ}\text{C}$ .
- 2.2 Altitude:  $\leq 2000\text{m}$ .
- 2.3 Atmosphere condition: Relative humidity of the atmosphere couldn't exceed 50% when the highest temperature is  $+40^{\circ}\text{C}$ ; much higher relative humidity is allowable under the condition of lower temperature, for example, when the temperature reaches  $+20^{\circ}\text{C}$ , the relative humidity is up to 90%. As for dews, which contingently appear due to change of temperature, special steps should be taken.
- 2.4 Pollution grade: 3
- 2.5 Installation category: II
- 2.6 Tightening torque is  $0.8 \sim 1.2\text{N}\cdot\text{m}$  for the cable terminals. Cross section of the cable connection is  $0.5 \sim 2.5\text{mm}^2$ , and 8mm conductor length is needed.

### 3. Technical data

3.1 Refer to table below for rated values related to utilization category.

AC-15	Rated operational voltage, V	415	240	120
	Rated operational current, A	1.9	3	6
DC-13	Rated operational voltage, V	250	125	-
	Rated operational current, A	0.27	0.55	-

3.2 Refer to table 3 for basic parameters of illuminated pushbutton.

Basic parameters	LED lamp
Rated operational current	$\leq 20\text{mA}$
Rated operational voltage	AC/DC 6V, 12V, 24V, 36V, AC110V~230V

### 3.3 Durability

Mechanical life:

Flush, mushroom-headed and illuminated version:

$3 \times 10^6$  operation circles.

Rotary, double-headed, self-locking and keyed version:

$1 \times 10^5$  operation circles.

Electric life:

Flush, mushroom-headed and illuminated version:

AC  $1 \times 10^6$  / DC  $2.5 \times 10^5$  operation circles.

Rotary, double-headed, self-locking and key type button:

$1 \times 10^5$  operation circles.

3.4 Short-circuit protective device: NT00-16 16A

### 4. Features

4.1 Operating mechanism features

bright colors and streamline surface.

4.2 Modular design.

Operating system, adapter, contact system and illuminating system can be freely combined to realize different functions.

4.3 Convenient for mounting

and dismounting thanks to snap-on structure.

4.4 Automatic locking function of the central adaptor

makes it convenient and reliable for mounting and connection.

4.5 The terminal screw is available



with anti-loosening mechanism to protect it against loosening from the body during transportation.

4.6 LED lamp with high brightness and long service life


ensures reliable indication.

### 5. NP8 pushbutton

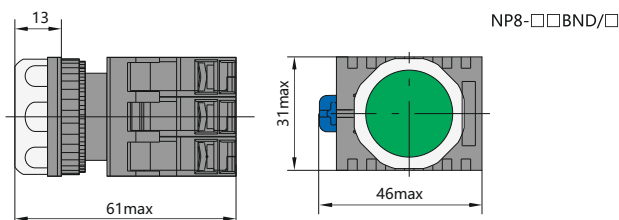
★ Momentary Flush Pushbutton-(Non illuminated)


NP8-□□ BN/ □□	Model	Color	⏏	⏏	
	NP8-10BN/1	○	1	—	
	NP8-10BN/2	●	1	—	
	NP8-10BN/3	●	1	—	
	NP8-10BN/4	●	1	—	
	NP8-10BN/5	●	1	—	
	NP8-10BN/6	●	1	—	
	NP8-01BN/1	○	—	1	—
	NP8-01BN/2	●	—	1	—
	NP8-01BN/3	●	—	1	—
	NP8-01BN/4	●	—	1	—
	NP8-01BN/5	●	—	1	—
	NP8-01BN/6	●	—	1	—
	NP8-20BN/1	○	2	—	
	NP8-20BN/2	●	2	—	
	NP8-20BN/3	●	2	—	
	NP8-20BN/4	●	2	—	
	NP8-20BN/5	●	2	—	
	NP8-20BN/6	●	2	—	
	NP8-02BN/1	○	—	2	—
	NP8-02BN/2	●	—	2	—
	NP8-02BN/3	●	—	2	—
	NP8-02BN/4	●	—	2	—
	NP8-02BN/5	●	—	2	—
	NP8-02BN/6	●	—	2	—
	NP8-11BN/1	○	1	1	—
	NP8-11BN/2	●	1	1	—
	NP8-11BN/3	●	1	1	—
	NP8-11BN/4	●	1	1	—
	NP8-11BN/5	●	1	1	—
	NP8-11BN/6	●	1	1	—

★ Momentary Flush Pushbutton-illuminated  
AC/DC6V, 12V, 24V, 36V, AC110V~230V

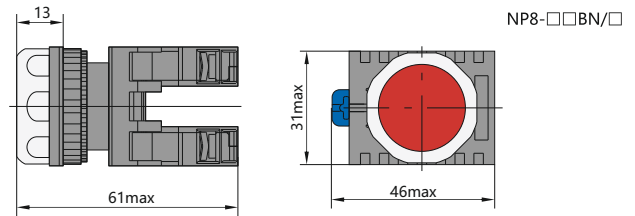
NP8-□□ BND/ □□	Model	Color	⏏	⏏	
	NP8-10BND/1	○	1	—	
	NP8-10BND/3	●	1	—	
	NP8-10BND/4	●	1	—	
	NP8-10BND/5	●	1	—	
	NP8-10BND/6	●	1	—	
	NP8-01BND/1	○	—	1	—
	NP8-01BND/3	●	—	1	—
	NP8-01BND/4	●	—	1	—
	NP8-01BND/5	●	—	1	—
	NP8-01BND/6	●	—	1	—


Dimension (mm)





NP8-□□ BN/ □□	Model	Color	⏏	⏏	
	NP8-30BN/1	○	3	—	
	NP8-30BN/2	●	3	—	
	NP8-30BN/3	●	3	—	
	NP8-30BN/4	●	3	—	
	NP8-30BN/5	●	3	—	
	NP8-30BN/6	●	3	—	
	NP8-03BN/1	○	—	3	—
	NP8-03BN/2	●	—	3	—
	NP8-03BN/3	●	—	3	—
	NP8-03BN/4	●	—	3	—
	NP8-03BN/5	●	—	3	—
	NP8-03BN/6	●	—	3	—
	NP8-12BN/1	○	1	2	—
	NP8-12BN/2	●	1	2	—
	NP8-12BN/3	●	1	2	—
	NP8-12BN/4	●	1	2	—
	NP8-12BN/5	●	1	2	—
	NP8-12BN/6	●	1	2	—
	NP8-21BN/1	○	2	1	—
	NP8-21BN/2	●	2	1	—
	NP8-21BN/3	●	2	1	—
	NP8-21BN/4	●	2	1	—
	NP8-21BN/5	●	2	1	—
	NP8-21BN/6	●	2	1	—


Dimension (mm)




NP8-□□ BND/ □□	Model	Color	⏏	⏏	
	NP8-20BND/1	○	2	—	
	NP8-20BND/3	●	2	—	
	NP8-20BND/4	●	2	—	
	NP8-20BND/5	●	2	—	
	NP8-20BND/6	●	2	—	
	NP8-02BND/1	○	—	2	—
	NP8-02BND/3	●	—	2	—
	NP8-02BND/4	●	—	2	—
	NP8-02BND/5	●	—	2	—
	NP8-02BND/6	●	—	2	—
	NP8-11BND/1	○	1	1	—
	NP8-11BND/3	●	1	1	—
NP8-11BND/4	●	1	1	—	
NP8-11BND/5	●	1	1	—	
NP8-11BND/6	●	1	1	—	

★ Momentary Projecting Pushbutton-(Non illuminated)

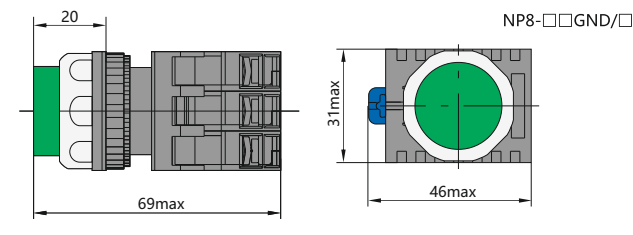
NP8-□□ GN/□□	Model	Color	↵	↶	
	NP8-10GN/1	○	1	—	
	NP8-10GN/2	●	1	—	
	NP8-10GN/3	●	1	—	
	NP8-10GN/4	●	1	—	
	NP8-10GN/5	●	1	—	
	NP8-10GN/6	●	1	—	
	NP8-01GN/1	○	—	1	—
	NP8-01GN/2	●	—	1	—
	NP8-01GN/3	●	—	1	—
	NP8-01GN/4	●	—	1	—
	NP8-01GN/5	●	—	1	—
	NP8-01GN/6	●	—	1	—
	NP8-20GN/1	○	2	—	
	NP8-20GN/2	●	2	—	
	NP8-20GN/3	●	2	—	
	NP8-20GN/4	●	2	—	
	NP8-20GN/5	●	2	—	
	NP8-20GN/6	●	2	—	
	NP8-02GN/1	○	—	2	—
	NP8-02GN/2	●	—	2	—
	NP8-02GN/3	●	—	2	—
	NP8-02GN/4	●	—	2	—
	NP8-02GN/5	●	—	2	—
	NP8-02GN/6	●	—	2	—
	NP8-11GN/1	○	1	1	—
	NP8-11GN/2	●	1	1	—
	NP8-11GN/3	●	1	1	—
	NP8-11GN/4	●	1	1	—
	NP8-11GN/5	●	1	1	—
	NP8-11GN/6	●	1	1	—

NP8-□□ GN/□□	Model	Color	↵	↶	
	NP8-30GN/1	○	3	—	
	NP8-30GN/2	●	3	—	
	NP8-30GN/3	●	3	—	
	NP8-30GN/4	●	3	—	
	NP8-30GN/5	●	3	—	
	NP8-30GN/6	●	3	—	
	NP8-03GN/1	○	—	3	—
	NP8-03GN/2	●	—	3	—
	NP8-03GN/3	●	—	3	—
	NP8-30GN/4	●	3	—	
	NP8-30GN/5	●	3	—	
	NP8-30GN/6	●	3	—	
	NP8-03GN/1	○	—	3	—
	NP8-03GN/2	●	—	3	—
	NP8-03GN/3	●	—	3	—
	NP8-03GN/4	●	—	3	—
	NP8-03GN/5	●	—	3	—
	NP8-03GN/6	●	—	3	—
	NP8-12GN/1	○	1	2	—
	NP8-12GN/2	●	1	2	—
	NP8-12GN/3	●	1	2	—
	NP8-12GN/4	●	1	2	—
	NP8-12GN/5	●	1	2	—
	NP8-12GN/6	●	1	2	—
	NP8-21GN/1	○	2	1	—
	NP8-21GN/2	●	2	1	—
	NP8-21GN/3	●	2	1	—
	NP8-21GN/4	●	2	1	—
	NP8-21GN/5	●	2	1	—
	NP8-21GN/6	●	2	1	—

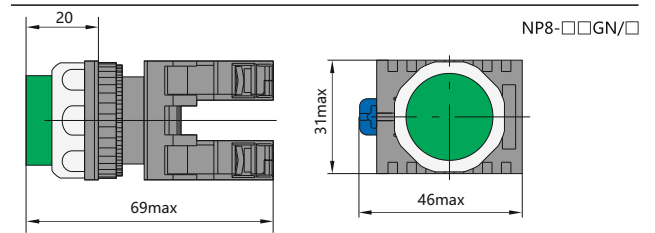
★ Momentary Projecting Pushbutton-illuminated  
AC/DC6V, 12V, 24V, 36V, AC110V~230V


NP8-□□ GND/□□	Model	Color	↵	↶	
	NP8-10GND/1	○	1	—	
	NP8-10GND/3	●	1	—	
	NP8-10GND/4	●	1	—	
	NP8-10GND/5	●	1	—	
	NP8-10GND/6	●	1	—	
	NP8-01GND/1	○	—	1	—
	NP8-01GND/3	●	—	1	—
	NP8-01GND/4	●	—	1	—
NP8-01GND/5	●	—	1	—	
NP8-01GND/6	●	—	1	—	

Dimension (mm)





Dimension (mm)




NP8-□□ GND/□□	Model	Color	↵	↶	
	NP8-20GND/1	○	2	—	
	NP8-20GND/3	●	2	—	
	NP8-20GND/4	●	2	—	
	NP8-20GND/5	●	2	—	
	NP8-20GND/6	●	2	—	
	NP8-02GND/1	○	—	2	—
	NP8-02GND/3	●	—	2	—
	NP8-02GND/4	●	—	2	—
	NP8-02GND/5	●	—	2	—
	NP8-02GND/6	●	—	2	—
	NP8-11GND/1	○	1	1	—
	NP8-11GND/3	●	1	1	—
	NP8-11GND/4	●	1	1	—
	NP8-11GND/5	●	1	1	—
	NP8-11GND/6	●	1	1	—


★ Φ40 Momentary Mushroom Pushbutton-(Non illuminated)

NP8-□□ M/□□	Model	Color	↘	↙
	NP8-10M/11	○	1	—
	NP8-10M/12	●	1	—
	NP8-10M/13	●	1	—
	NP8-10M/14	●	1	—
	NP8-10M/15	●	1	—
	NP8-10M/16	●	1	—
	NP8-01M/11	○	—	1
	NP8-01M/12	●	—	1
	NP8-01M/13	●	—	1
	NP8-01M/14	●	—	1
	NP8-01M/15	●	—	1
	NP8-01M/16	●	—	1
	NP8-20M/11	○	2	—
	NP8-20M/12	●	2	—
	NP8-20M/13	●	2	—
	NP8-20M/14	●	2	—
NP8-20M/15	●	2	—	
NP8-20M/16	●	2	—	
NP8-02M/11	○	—	2	
NP8-02M/12	●	—	2	
NP8-02M/13	●	—	2	
NP8-02M/14	●	—	2	
NP8-02M/15	●	—	2	
NP8-02M/16	●	—	2	
NP8-11M/11	○	1	1	
NP8-11M/12	●	1	1	
NP8-11M/13	●	1	1	
NP8-11M/14	●	1	1	
NP8-11M/15	●	1	1	
NP8-11M/16	●	1	1	
NP8-30M/11	○	3	—	
NP8-30M/12	●	3	—	
NP8-30M/13	●	3	—	
NP8-30M/14	●	3	—	
NP8-30M/15	●	3	—	
NP8-30M/16	●	3	—	
NP8-03M/11	○	—	3	
NP8-03M/12	●	—	3	
NP8-03M/13	●	—	3	

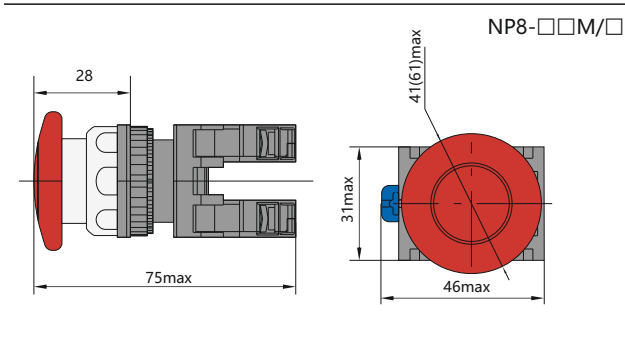
NP8-□□ M/□□	Model	Color	↘	↙
	NP8-03M/14	●	—	3
	NP8-03M/15	●	—	3
	NP8-03M/16	●	—	3
	NP8-12M/11	○	1	2
	NP8-12M/12	●	1	2
	NP8-12M/13	●	1	2
	NP8-12M/14	●	1	2
	NP8-12M/15	●	1	2
	NP8-12M/16	●	1	2
	NP8-21M/11	○	2	1
	NP8-21M/12	●	2	1
	NP8-21M/13	●	2	1
	NP8-21M/14	●	2	1
	NP8-21M/15	●	2	1
	NP8-21M/16	●	2	1

★ Φ60 Momentary Mushroom Pushbutton-(Non illuminated)

NP8-□□ M/□□	Model	Color	↘	↙
	NP8-10M/21	○	1	—
	NP8-10M/22	●	1	—
	NP8-10M/23	●	1	—
	NP8-10M/24	●	1	—
	NP8-10M/25	●	1	—
	NP8-10M/26	●	1	—
	NP8-01M/21	○	—	1
	NP8-01M/22	●	—	1
	NP8-01M/23	●	—	1
	NP8-01M/24	●	—	1
	NP8-01M/25	●	—	1
	NP8-01M/26	●	—	1
	NP8-20M/21	○	2	—
	NP8-20M/22	●	2	—
	NP8-20M/23	●	2	—
	NP8-20M/24	●	2	—
NP8-20M/25	●	2	—	
NP8-20M/26	●	2	—	
NP8-02M/21	○	—	2	
NP8-02M/22	●	—	2	

NP8-□□ M/□□	Model	Color	⏏	⏏
	NP8-02M/23	Green	—	2
	NP8-02M/24	Red	—	2
	NP8-02M/25	Yellow	—	2
	NP8-02M/26	Blue	—	2
	NP8-11M/21	White	1	1
	NP8-11M/22	Black	1	1
	NP8-11M/23	Green	1	1
	NP8-11M/24	Red	1	1
	NP8-11M/25	Yellow	1	1
	NP8-11M/26	Blue	1	1
	NP8-30M/21	White	3	—
	NP8-30M/22	Black	3	—
NP8-30M/23	Green	3	—	
NP8-30M/24	Red	3	—	
NP8-30M/25	Yellow	3	—	
NP8-30M/26	Blue	3	—	
NP8-03M/21	White	—	3	
NP8-03M/22	Black	—	3	
NP8-03M/23	Green	—	3	
NP8-03M/24	Red	—	3	
NP8-03M/25	Yellow	—	3	
NP8-03M/26	Blue	—	3	
NP8-12M/21	White	1	2	
NP8-12M/22	Black	1	2	
NP8-12M/23	Green	1	2	
NP8-12M/24	Red	1	2	
NP8-12M/25	Yellow	1	2	
NP8-12M/26	Blue	1	2	
NP8-21M/21	White	2	1	
NP8-21M/22	Black	2	1	
NP8-21M/23	Green	2	1	
NP8-21M/24	Red	2	1	
NP8-21M/25	Yellow	2	1	
NP8-21M/26	Blue	2	1	


Dimension (mm)



★ Φ40 Momentary Mushroom Pushbutton-illuminated  
AC/DC6V, 12V, 24V, 36V, AC110V~230V

NP8-□□ M/□□	Model	Color	⏏	⏏
	NP8-10MD/11	White	1	—
	NP8-10MD/13	Green	1	—
	NP8-10MD/14	Red	1	—
	NP8-10MD/15	Yellow	1	—
	NP8-10MD/16	Blue	1	—
	NP8-01MD/11	White	—	1
	NP8-01MD/13	Green	—	1
	NP8-01MD/14	Red	—	1
	NP8-01MD/15	Yellow	—	1
	NP8-01MD/16	Blue	—	1
	NP8-20MD/11	White	2	—
	NP8-20MD/13	Green	2	—
	NP8-20MD/14	Red	2	—
	NP8-20MD/15	Yellow	2	—
	NP8-20MD/16	Blue	2	—
	NP8-02MD/11	White	—	2
NP8-02MD/13	Green	—	2	
NP8-02MD/14	Red	—	2	
NP8-02MD/15	Yellow	—	2	
NP8-02MD/16	Blue	—	2	
NP8-11MD/11	White	1	1	
NP8-11MD/13	Green	1	1	
NP8-11MD/14	Red	1	1	
NP8-11MD/15	Yellow	1	1	
NP8-11MD/16	Blue	1	1	

★ Φ60 Momentary Mushroom Pushbutton-illuminated  
AC/DC6V, 12V, 24V, 36V, AC110V~230V

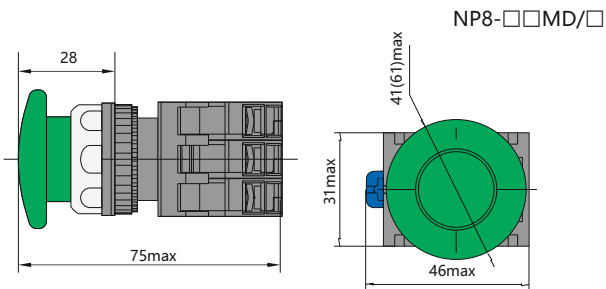
NP8-□□ M/□□	Model	Color	⏏	⏏
	NP8-10MD/21	White	1	—
	NP8-10MD/23	Green	1	—
	NP8-10MD/24	Red	1	—
	NP8-10MD/25	Yellow	1	—
	NP8-10MD/26	Blue	1	—
	NP8-01MD/21	White	—	1
	NP8-01MD/23	Green	—	1
	NP8-01MD/24	Red	—	1
	NP8-01MD/25	Yellow	—	1
	NP8-01MD/26	Blue	—	1



NP8-□□ MD/□□	Model	Color	⏏	⏏
	NP8-20MD/21	○	2	—
	NP8-20MD/23	●	2	—
	NP8-20MD/24	●	2	—
	NP8-20MD/25	●	2	—
	NP8-20MD/26	●	2	—
	NP8-02MD/21	○	—	2
	NP8-02MD/23	●	—	2
	NP8-02MD/24	●	—	2
	NP8-02MD/25	●	—	2
	NP8-02MD/26	●	—	2
	NP8-11MD/21	○	1	1
	NP8-11MD/23	●	1	1
	NP8-11MD/24	●	1	1
	NP8-11MD/25	●	1	1
	NP8-11MD/26	●	1	1



Dimension (mm)




★ Φ40 Mushroom Latching Pushbutton.turn to release  
(Non-illuminated)

NP8-□□ ZS/□□	Model	Color	⏏	⏏
	NP8-10ZS/14	●	1	—
	NP8-01ZS/14	●	—	1


NP8-□□ ZS/□□	Model	Color	⏏	⏏
	NP8-20ZS/14	●	2	—
	NP8-02ZS/14	●	—	2
	NP8-11ZS/14	●	1	1

★ Φ60 Mushroom Latching Pushbutton.turn to release  
(Non-illuminated)


NP8-□□ ZS/□□	Model	Color	⏏	⏏
	NP8-10ZS/24	●	1	—
	NP8-01ZS/24	●	—	1
	NP8-20ZS/24	●	2	—

NP8-□□ ZS/□□	Model	Color	↖	↗
	NP8-02ZS/24	●	—	2
	NP8-11ZS/24	●	1	1

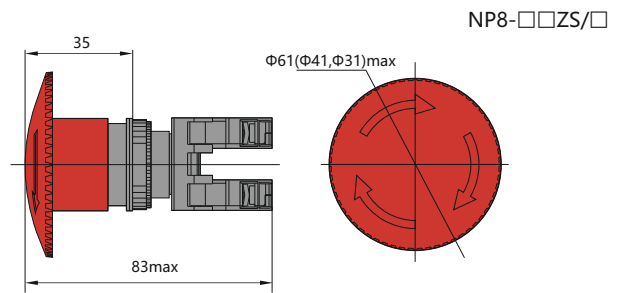
★ Φ30 Mushroom Latching Pushbutton.turn to release (Non-illuminated)

NP8-□□ ZS/□□	Model	Color	↖	↗
	NP8-10ZS/34	●	1	—
	NP8-01ZS/34	●	—	1


★ Φ30 Mushroom Latching Pushbutton.turn to release (Non-illuminated)

NP8-□□ ZS/□□	Model	Color	↖	↗
	NP8-20ZS/34	●	2	—
	NP8-02ZS/34	●	—	2
	NP8-11ZS/34	●	1	1


Dimension (mm)



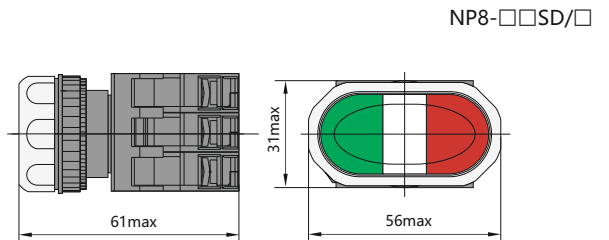
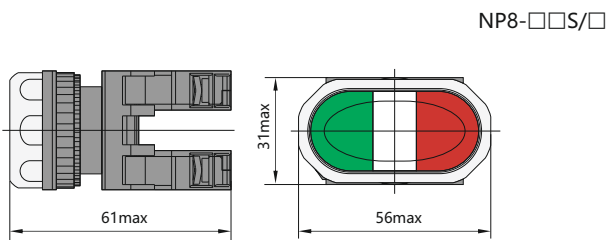
★ Double-headed flush momentary button (Non-illuminated)

NP8-□□S	Lamp-Voltage	Model	Color	↖	↗
	Non-illuminated	NP8-20S	● + ●	2	—
		NP8-02S	● + ●	—	2
		NP8-11S	● + ●	1	1

★ Double-headed flush momentary button (Illuminated)


NP8-□□SD	Lamp-Voltage	Model	Color	↖	↗
	LED: AC/DC 6V, 12V, 24V, 36V; AC 110V ~230V	NP8-20SD	● + ●	2	—
		NP8-02SD	● + ●	—	2
		NP8-11SD	● + ●	1	1

Dimension (mm)








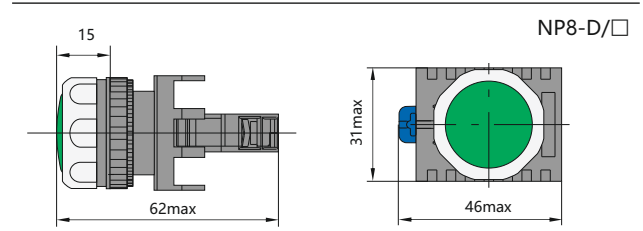
★ Light


NP8-D/□	Lamp-Voltage	Model	Color
	LED: AC/AD 6V, 12V, 24V, 36V; AC110V~230V	NP8-D/1	○
		NP8-D/3	●
		NP8-D/4	●
		NP8-D/5	●
		NP8-D/6	●

★ Selector Switches (2 positions)-(Non-illuminated)


NP8-□□ X/□	Model	Color	Selector Switches	↙	↘
	NP8-10X/211	○		1	—
	NP8-10X/212	●		1	—
	NP8-10X/213	●		1	—
	NP8-10X/214	●		1	—
	NP8-10X/215	●		1	—
	NP8-10X/216	●		1	—
	NP8-01X/211	○		—	1
	NP8-01X/212	●		—	1
	NP8-01X/213	●		—	1
	NP8-01X/214	●		—	1
	NP8-01X/215	●		—	1
	NP8-01X/216	●		—	1
	NP8-10X/221	○		1	—
	NP8-10X/222	●		1	—
	NP8-10X/223	●		1	—
	NP8-10X/224	●		1	—
	NP8-10X/225	●		1	—
	NP8-10X/226	●		1	—
	NP8-01X/221	○		—	1
	NP8-01X/222	●		—	1
	NP8-01X/223	●		—	1
	NP8-01X/224	●		—	1
	NP8-01X/225	●		—	1
	NP8-01X/226	●		—	1
	NP8-20X/211	○		2	—
	NP8-20X/212	●		2	—
	NP8-20X/213	●		2	—
	NP8-20X/214	●		2	—
	NP8-20X/215	●		2	—
	NP8-20X/216	●		2	—
	NP8-02X/211	○		—	2
	NP8-02X/212	●		—	2
	NP8-02X/213	●		—	2
	NP8-02X/214	●		—	2
	NP8-02X/215	●		—	2
	NP8-02X/216	●		—	2
	NP8-11X/211	○		1	1
	NP8-11X/212	●		1	1
	NP8-11X/213	●		1	1
	NP8-11X/214	●		1	1
	NP8-11X/215	●		1	1
	NP8-11X/216	●		1	1







Dimension (mm)











NP8-□□ X/22□	Model	Color	Selector Switches	↙	↘
	NP8-20X/221	○		2	—
	NP8-20X/222	●		2	—
	NP8-20X/223	●		2	—
	NP8-20X/224	●		2	—
	NP8-20X/225	●		2	—
	NP8-20X/226	●		2	—
	NP8-02X/221	○		—	2
	NP8-02X/222	●		—	2
	NP8-02X/223	●		—	2
	NP8-02X/224	●		—	2
	NP8-02X/225	●		—	2
	NP8-02X/226	●		—	2
	NP8-11X/221	○		1	1
	NP8-11X/222	●		1	1
	NP8-11X/223	●		1	1
	NP8-11X/224	●		1	1
	NP8-11X/225	●		1	1
	NP8-11X/226	●		1	1

★ Selector Switches (3 positions)-(Non-illuminated)

NP8-□□ X/□	Model	Color	Selector Switches	↙	↘
	NP8-20X/311	○		2	—
	NP8-20X/312	●		2	—
	NP8-20X/313	●		2	—
	NP8-20X/314	●		2	—
	NP8-20X/315	●		2	—
	NP8-20X/316	●		2	—
	NP8-02X/311	○		—	2
	NP8-02X/312	●		—	2
	NP8-02X/313	●		—	2
	NP8-02X/314	●		—	2
	NP8-02X/315	●		—	2
	NP8-02X/316	●		—	2
	NP8-11X/311	○		1	1
	NP8-11X/312	●		1	1
	NP8-11X/313	●		1	1
	NP8-11X/314	●		1	1
	NP8-11X/315	●		1	1
	NP8-11X/316	●		1	1




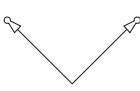

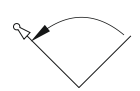
NP8-□□ X/33 □	Model	Color	Selector Switches	↖	↗
	NP8-20X/331	○		2	—
	NP8-20X/332	●		2	—
	NP8-20X/333	●		2	—
	NP8-20X/334	●		2	—
	NP8-20X/335	●		2	—
	NP8-20X/336	●		2	—
	NP8-02X/331	○		—	2
	NP8-02X/332	●		—	2
	NP8-02X/333	●		—	2
	NP8-02X/334	●		—	2
	NP8-02X/335	●		—	2
	NP8-02X/336	●		—	2
	NP8-11X/331	○		1	1
	NP8-11X/332	●		1	1
	NP8-11X/333	●		1	1
	NP8-11X/334	●		1	1
NP8-11X/335	●	1	1		
NP8-11X/336	●	1	1		
NP8-□□ X/37 □	Model	Color	Selector Switches	↖	↗
	NP8-20X/371	○		2	—
	NP8-20X/372	●		2	—
	NP8-20X/373	●		2	—
	NP8-20X/374	●		2	—
	NP8-20X/375	●		2	—
	NP8-20X/376	●		2	—
	NP8-02X/371	○		—	2
	NP8-02X/372	●		—	2
	NP8-02X/373	●		—	2
	NP8-02X/374	●		—	2
	NP8-02X/375	●		—	2
	NP8-02X/376	●		—	2
	NP8-11X/371	○		1	1
	NP8-11X/372	●		1	1
	NP8-11X/373	●		1	1
	NP8-11X/374	●		1	1
NP8-11X/375	●	1	1		
NP8-11X/376	●	1	1		
NP8-□□ X/38 □	Model	Color	Selector Switches	↖	↗
	NP8-20X/381	○		2	—
	NP8-20X/382	●		2	—
	NP8-20X/383	●		2	—
	NP8-20X/384	●		2	—
	NP8-20X/385	●		2	—
	NP8-20X/386	●		2	—
	NP8-02X/381	○		—	2
	NP8-02X/382	●		—	2
	NP8-02X/383	●		—	2
	NP8-02X/384	●		—	2
	NP8-02X/385	●		—	2
	NP8-02X/386	●		—	2
	NP8-11X/381	○		1	1
	NP8-11X/382	●		1	1
	NP8-11X/383	●		1	1
	NP8-11X/384	●		1	1
NP8-11X/385	●	1	1		
NP8-11X/386	●	1	1		

★ Selector Switches (2 positions) -(Illuminated)  
AC/DC6V, 12V, 24V, 36V, AC110V~230V



NP8-□□ XD/□ □	Model	Color	Selector Switches	↖	↗
	NP8-10XD/211	○		1	—
	NP8-10XD/213	●		1	—
	NP8-10XD/214	●		1	—
	NP8-10XD/215	●		1	—
	NP8-10XD/216	●		1	—
	NP8-01XD/211	○		—	1
	NP8-01XD/213	●		—	1
	NP8-01XD/214	●		—	1
	NP8-01XD/215	●		—	1
	NP8-01XD/216	●		—	1
NP8-□□ XD/22□ □	Model	Color	Selector Switches	↖	↗
	NP8-10XD/221	○		1	—
	NP8-10XD/223	●		1	—
	NP8-10XD/224	●		1	—
	NP8-10XD/225	●		1	—
	NP8-10XD/226	●		1	—
	NP8-01XD/221	○		—	1
	NP8-01XD/223	●		—	1
	NP8-01XD/224	●		—	1
	NP8-01XD/225	●		—	1
	NP8-01XD/226	●		—	1
NP8-□□ XD/□ □	Model	Color	Selector Switches	↖	↗
	NP8-20XD/211	○		2	—
	NP8-20XD/213	●		2	—
	NP8-20XD/214	●		2	—
	NP8-20XD/215	●		2	—
	NP8-20XD/216	●		2	—
	NP8-02XD/211	○		—	2
	NP8-02XD/213	●		—	2
	NP8-02XD/214	●		—	2
	NP8-02XD/215	●		—	2
	NP8-02XD/216	●		—	2
	NP8-11XD/211	○		1	1
	NP8-11XD/213	●		1	1
	NP8-11XD/214	●		1	1
	NP8-11XD/215	●		1	1
	NP8-11XD/216	●		1	1
	NP8-□□ XD/22□ □	Model		Color	Selector Switches
	NP8-20XD/221	○		2	—
	NP8-20XD/223	●		2	—
	NP8-20XD/224	●		2	—
	NP8-20XD/225	●		2	—
	NP8-20XD/226	●		2	—
	NP8-02XD/221	○		—	2
	NP8-02XD/223	●		—	2
	NP8-02XD/224	●		—	2
	NP8-02XD/225	●		—	2
	NP8-02XD/226	●		—	2
	NP8-11XD/221	○		1	1
	NP8-11XD/223	●		1	1
	NP8-11XD/224	●		1	1
	NP8-11XD/225	●		1	1
	NP8-11XD/226	●		1	1







★ Key Switches (2 positions)-(Non-illuminated)



NP8-□□ Y/□	Model	Key Switches	↵	↶
	NP8-10Y/21		1	—
	NP8-01Y/21		—	1
NP8-□□ Y/22	Model	Key Switches	↵	↶
	NP8-10Y/22		1	—
	NP8-01Y/22		—	1
NP8-□□ Y/□	Model	Key Switches	↵	↶
	NP8-20Y/21		2	—
	NP8-02Y/21		—	2
	NP8-11Y/21		1	1
NP8-□□ Y/22	Model	Key Switches	↵	↶
	NP8-20Y/22		2	—
	NP8-02Y/22		—	2
	NP8-11Y/22		1	1

★ Selector Switches (3 positions) -(Illuminated)  
AC/DC6V, 12V, 24V, 36V, AC110V~230V

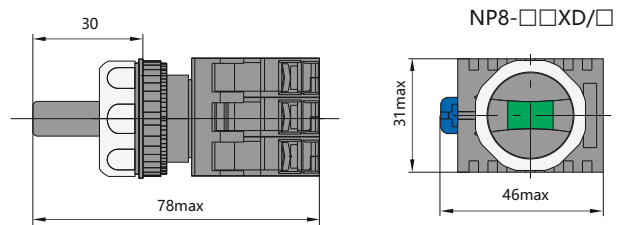
NP8- □□ XD/ □	Model	Color	Selector Switches	↵	↶
	NP8-20XD/311	○		2	—
	NP8-20XD/313	●		2	—
	NP8-20XD/314	●		2	—
	NP8-20XD/315	●		2	—
	NP8-20XD/316	●		2	—
	NP8-02XD/311	○		—	2
	NP8-02XD/313	●		—	2
	NP8-02XD/314	●		—	2
	NP8-02XD/315	●		—	2
	NP8-02XD/316	●		—	2
	NP8-11XD/311	○		1	1
	NP8-11XD/313	●		1	1
	NP8-11XD/314	●		1	1
	NP8-11XD/315	●		1	1
	NP8-11XD/316	●		1	1

NP8- □□ XD/33□	Model	Color	Selector Switches	↵	↶
	NP8-20XD/331	○		2	—
	NP8-20XD/333	●		2	—
	NP8-20XD/334	●		2	—
	NP8-20XD/335	●		2	—
	NP8-20XD/336	●		2	—
	NP8-02XD/331	○		—	2
	NP8-02XD/333	●		—	2
	NP8-02XD/334	●		—	2
	NP8-02XD/335	●		—	2
	NP8-02XD/336	●		—	2
	NP8-11XD/331	○		1	1
	NP8-11XD/333	●		1	1
NP8-11XD/334	●	1	1		
NP8-11XD/335	●	1	1		
NP8-11XD/336	●	1	1		




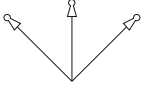







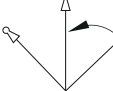



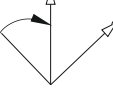
NP8- □□ XD/37□	Model	Color	Selector Switches	↵	↶
	NP8-20XD/371	○		2	—
	NP8-20XD/373	●		2	—
	NP8-20XD/374	●		2	—
	NP8-20XD/375	●		2	—
	NP8-20XD/376	●		2	—
	NP8-02XD/371	○		—	2
	NP8-02XD/373	●		—	2
	NP8-02XD/374	●		—	2
	NP8-02XD/375	●		—	2
	NP8-02XD/376	●		—	2
	NP8-11XD/371	○		1	1
	NP8-11XD/373	●		1	1
NP8-11XD/374	●	1	1		
NP8-11XD/375	●	1	1		
NP8-11XD/376	●	1	1		

NP8- □□ XD/38□	Model	Color	Selector Switches	↵	↶
	NP8-20XD/381	○		2	—
	NP8-20XD/383	●		2	—
	NP8-20XD/384	●		2	—
	NP8-20XD/385	●		2	—
	NP8-20XD/386	●		2	—
	NP8-02XD/381	○		—	2
	NP8-02XD/383	●		—	2
	NP8-02XD/384	●		—	2
	NP8-02XD/385	●		—	2
	NP8-02XD/386	●		—	2
	NP8-11XD/381	○		1	1
	NP8-11XD/383	●		1	1
	NP8-11XD/384	●		1	1
	NP8-11XD/385	●		1	1
	NP8-11XD/386	●		1	1

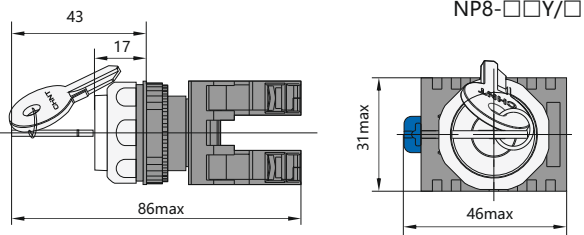
Dimension (mm)



★ Key Switches (3 positions)-(Non-illuminated)

NP8-□□ Y/□	Model	Key Switches		
	NP8-20Y/31		2	—
	NP8-02Y/31		—	2
	NP8-11Y/31		1	1
NP8-□□ Y/33	Model	Key Switches		
	NP8-20Y/33		2	—
	NP8-02Y/33		—	2
	NP8-11Y/33		1	1
NP8-□□ Y/37	Model	Key Switches		
	NP8-20Y/37		2	—
	NP8-02Y/37		—	2
	NP8-11Y/37		1	1
NP8-□□ Y/38	Model	Key Switches		
	NP8-20Y/38		2	—
	NP8-02Y/38		—	2
	NP8-11Y/38		1	1

Dimension (mm)



Dimension (mm)

