



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:

3×10^6 operation circles.

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

1×10^5 operation circles.

Electric life:

Flush, mushroom-headed and illuminated version:

AC 1×10^6 / DC 2.5×10^5 operation circles.

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

1×10^5 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

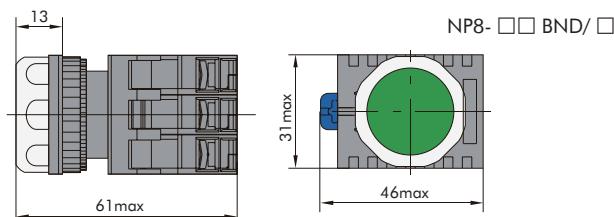
★ Momentary Flush Pushbutton-(Non illuminated)

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

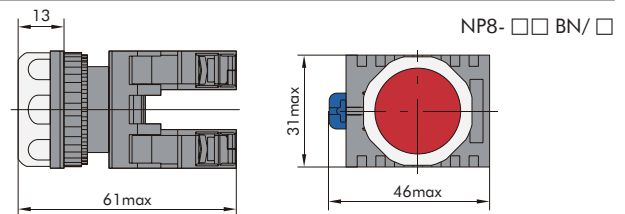
NP8-□□ BND/□□	Model	Color	↵	↶
	NP8-10BND/1	○	1	-
	NP8-10BND/3	●	1	-
	NP8-10BND/4	●	1	-
	NP8-10BND/5	●	1	-
	NP8-10BND/6	●	1	-
	NP8-01BND/1	○	-	1
	NP8-01BND/3	●	-	1
	NP8-01BND/4	●	-	1
	NP8-01BND/5	●	-	1
	NP8-01BND/6	●	-	1

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

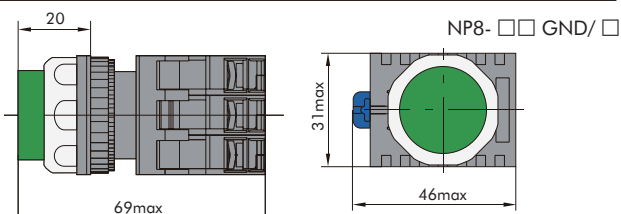
★ Momentary Projecting Pushbutton-(Non illuminated)

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

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

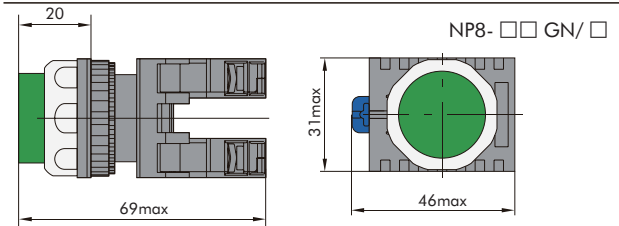
NP8- □□ GND/ □□	Model	Color	↖	↗
	NP8-10GND/1	○	1	-
	NP8-10GND/3	●	1	-
	NP8-10GND/4	●	1	-
	NP8-10GND/5	●	1	-
	NP8-10GND/6	●	1	-
	NP8-01GND/1	○	-	1
	NP8-01GND/3	●	-	1
	NP8-01GND/4	●	-	1
	NP8-01GND/5	●	-	1
	NP8-01GND/6	●	-	1

Dimension(mm)



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

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

★ Φ 40 Momentary Mushroom Pushbutton-(Non illuminated)

NP8- □□ M/ □□	Model	Color	1	2
	NP8-10M/11	White	1	1
	NP8-10M/12	Black	1	—
	NP8-10M/13	Green	1	—
	NP8-10M/14	Red	1	—
	NP8-10M/15	Yellow	1	—
	NP8-10M/16	Blue	1	—
	NP8-01M/11	White	—	—
	NP8-01M/12	Black	—	1
	NP8-01M/13	Green	—	1
	NP8-01M/14	Red	—	1
	NP8-01M/15	Yellow	—	1
	NP8-01M/16	Blue	—	1
	NP8-20M/11	White	2	—
	NP8-20M/12	Black	2	—
	NP8-20M/13	Green	2	—
	NP8-20M/14	Red	2	—
	NP8-20M/15	Yellow	2	—
	NP8-20M/16	Blue	2	—
	NP8-02M/11	White	—	2
	NP8-02M/12	Black	—	2
	NP8-02M/13	Green	—	2
	NP8-02M/14	Red	—	2
	NP8-02M/15	Yellow	—	2
	NP8-02M/16	Blue	—	2
	NP8-11M/11	White	1	1
	NP8-11M/12	Black	1	1
	NP8-11M/13	Green	1	1
	NP8-11M/14	Red	1	1
	NP8-11M/15	Yellow	1	1
	NP8-11M/16	Blue	1	1
	NP8-30M/11	White	3	—
	NP8-30M/12	Black	3	—
	NP8-30M/13	Green	3	—
	NP8-30M/14	Red	3	—
	NP8-30M/15	Yellow	3	—
	NP8-30M/16	Blue	3	—
	NP8-03M/11	White	—	3
	NP8-03M/12	Black	—	3
	NP8-03M/13	Green	—	3

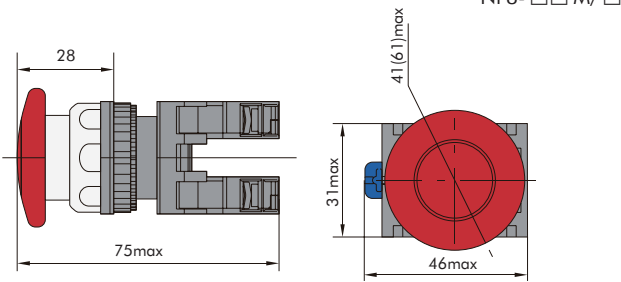
NP8- □□ M/ □□	Model	Color	1	2
	NP8-03M/14	Red	—	3
	NP8-03M/15	Yellow	—	3
	NP8-03M/16	Blue	—	3
	NP8-12M/11	White	1	2
	NP8-12M/12	Black	1	2
	NP8-12M/13	Green	1	2
	NP8-12M/14	Red	1	2
	NP8-12M/15	Yellow	1	2
	NP8-12M/16	Blue	1	2
	NP8-21M/11	White	2	1
	NP8-21M/12	Black	2	1
	NP8-21M/13	Green	2	1
	NP8-21M/14	Red	2	1
	NP8-21M/15	Yellow	2	1
	NP8-21M/16	Blue	2	1

★ Φ 60 Momentary Mushroom Pushbutton-(Non illuminated)

NP8- □□ M/ □□	Model	Color	1	2
	NP8-10M/21	White	1	1
	NP8-10M/22	Black	1	—
	NP8-10M/23	Green	1	—
	NP8-10M/24	Red	1	—
	NP8-10M/25	Yellow	1	—
	NP8-10M/26	Blue	1	—
	NP8-01M/21	White	—	—
	NP8-01M/22	Black	—	1
	NP8-01M/23	Green	—	1
	NP8-01M/24	Red	—	1
	NP8-01M/25	Yellow	—	1
	NP8-01M/26	Blue	—	—
	NP8-20M/21	White	2	—
	NP8-20M/22	Black	2	—
	NP8-20M/23	Green	2	—
	NP8-20M/24	Red	2	—
	NP8-20M/25	Yellow	2	—
	NP8-20M/26	Blue	2	—
	NP8-02M/21	White	—	2
	NP8-02M/22	Black	—	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)



★ Φ 40 Momentary Mushroom Pushbutton-illuminated
AC/DC6V, 12V, 24V, 36V, AC110V~230V

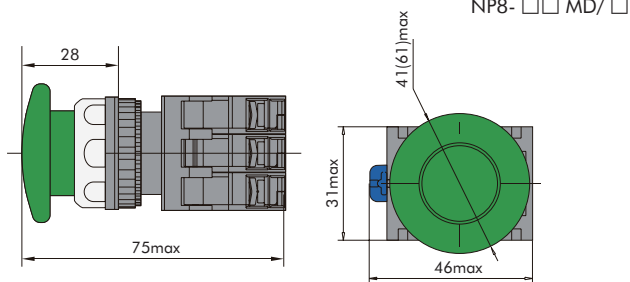
NP8- □□ M/ □□	Model	Color		
	NP8-10MD/11	White	1	—
	NP8-10MD/13	Green	1	—
	NP8-10MD/14	Red	1	—
	NP8-10MD/15	Yellow	1	—
	NP8-10MD/16	Blue	1	—
	NP8-01MD/11	White	—	1
	NP8-01MD/13	Green	—	1
	NP8-01MD/14	Red	—	1
	NP8-01MD/15	Yellow	—	1
	NP8-01MD/16	Blue	—	1
	NP8-20MD/11	White	2	—
	NP8-20MD/13	Green	2	—
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

★ Φ 60 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	1	2
	NP8-20MD/21	White	2	-
	NP8-20MD/23	Green	2	-
	NP8-20MD/24	Red	2	-
	NP8-20MD/25	Yellow	2	-
	NP8-20MD/26	Blue	2	-
	NP8-02MD/21	White	-	2
	NP8-02MD/23	Green	-	2
	NP8-02MD/24	Red	-	2
	NP8-02MD/25	Yellow	-	2
	NP8-02MD/26	Blue	-	2
	NP8-11MD/21	White	1	1
	NP8-11MD/23	Green	1	1
	NP8-11MD/24	Red	1	1
	NP8-11MD/25	Yellow	1	1
	NP8-11MD/26	Blue	1	1

Dimension(mm)


★ Φ 40 Mushroom Latching Pushbutton.turn to release
(Non-illuminated)

NP8- □□ ZS/ □□	Model	Color	1	2
	NP8-10ZS/14	Red	1	-
	NP8-01ZS/14	Red	-	1

NP8- □□ ZS/ □□	Model	Color	1	2
	NP8-20ZS/14	Red	2	-
	NP8-02ZS/14	Red	-	2
	NP8-11ZS/14	Red	1	1

★ Φ 60 Mushroom Latching Pushbutton.turn to release
(Non-illuminated)

NP8- □□ ZS/ □□	Model	Color	1	2
	NP8-10ZS/24	Red	1	-
	NP8-01ZS/24	Red	-	1
	NP8-20ZS/24	Red	2	-

NP8- ZS/	Model	Color		
	NP8-02ZS/24		—	2
	NP8-11ZS/24		1	1

★ Φ 30 Mushroom Latching Pushbutton.turn to release
(Non-illuminated)

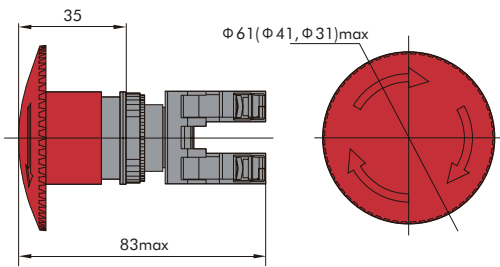
NP8- ZS/	Model	Color		
	NP8-10ZS/34		1	—
	NP8-10ZS/34		—	1

★ Φ 30 Mrushoom 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)

NP8- ZS/



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

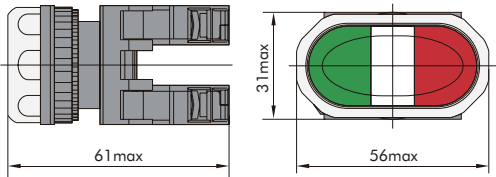
NP8- S	Lamp-Voltage	Model	Color		
	Non-illuminated	NP8-20S	+	2	—
		NP8-02S	+	—	2
		NP8-11S	+	1	1

★ Double-headed flush momentary button (Illuminated)

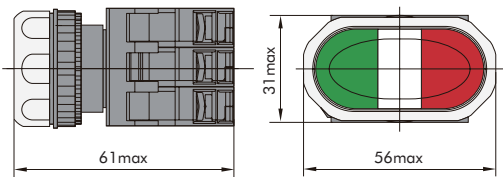
NP8- S D	Lamp-Voltage	Model	Color		
	LED: AC/DC 6V, 12V, 24V, 36V; AC 110V ~230V	NP8-20SD	+	2	—
		NP8-02SD	+	—	2
		NP8-11SD	+	1	1

Dimension(mm)

NP8- S/



NP8- SD/



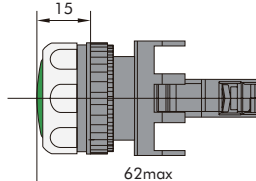
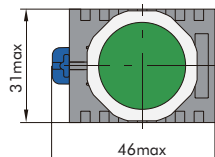
★ Light

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/ □□	Metal	Color	Selector Switches	1	2
	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-D/ □					
					
15		31max		46max	
62max					
NP8- □□ X22/ □□	Metal	Color	Selector Switches	1	2
	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/ □□	Metal	Color	Selector Switches	1	2
	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	Metal	Color	Selector Switches	1	2
	NP8-11X/336	White		2	—
	NP8-20X/331	Black		2	—
	NP8-20X/332	Green		2	—
	NP8-20X/333	Red		2	—
	NP8-20X/334	Yellow		2	—
	NP8-20X/335	Blue		2	—
	NP8-20X/336	White		—	2
	NP8-02X/331	Black		—	2
	NP8-02X/332	Green		—	2
	NP8-02X/333	Red		—	2
	NP8-02X/334	Yellow		—	2
	NP8-02X/335	Blue		—	2
	NP8-02X/336	White		1	1
	NP8-11X/331	Black		1	1
	NP8-11X/332	Green		1	1
	NP8-11X/333	Red		1	1
	NP8-11X/334	Yellow		1	1
	NP8-11X/335	Blue		1	1
NP8- X/37	Metal	Color	Selector Switches	1	2
	NP8-20X/371	White		2	—
	NP8-20X/372	Black		2	—
	NP8-20X/373	Green		2	—
	NP8-20X/374	Red		2	—
	NP8-20X/375	Yellow		2	—
	NP8-20X/376	Blue		2	—
	NP8-02X/371	White		—	2
	NP8-02X/372	Black		—	2
	NP8-02X/373	Green		—	2
	NP8-02X/374	Red		—	2
	NP8-02X/375	Yellow		—	2
	NP8-02X/376	Blue		—	2
	NP8-11X/371	White		1	1
	NP8-11X/372	Black		1	1
	NP8-11X/373	Green		1	1
	NP8-11X/374	Red		1	1
	NP8-11X/375	Yellow		1	1
	NP8-11X/376	Blue		1	1
NP8- X/38	Metal	Color	Selector Switches	1	2
	NP8-20X/381	White		2	—
	NP8-20X/382	Black		2	—
	NP8-20X/383	Green		2	—
	NP8-20X/384	Red		2	—
	NP8-20X/385	Yellow		2	—
	NP8-20X/386	Blue		2	—
	NP8-02X/381	White		—	2
	NP8-02X/382	Black		—	2
	NP8-02X/383	Green		—	2
	NP8-02X/384	Red		—	2
	NP8-02X/385	Yellow		—	2
	NP8-02X/386	Blue		—	2
	NP8-11X/381	White		1	1
	NP8-11X/382	Black		1	1
	NP8-11X/383	Green		1	1
	NP8-11X/384	Red		1	1
	NP8-11X/385	Yellow		1	1
	NP8-11X/386	Blue		1	1

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

NP8- XD/	Metal	Color	Selector Switches	1	2
	NP8-10XD/211	White		1	—
	NP8-10XD/213	Green		1	—
	NP8-10XD/214	Red		1	—
	NP8-10XD/215	Yellow		1	—
	NP8-10XD/216	Blue		1	—
	NP8-01XD/211	White		—	1
	NP8-01XD/213	Green		—	1
	NP8-01XD/214	Red		—	1
	NP8-01XD/215	Yellow		—	1
	NP8-01XD/216	Blue		—	1
NP8- XD/22	Metal	Color	Selector Switches	1	2
	NP8-10XD/221	White		1	—
	NP8-10XD/223	Green		1	—
	NP8-10XD/224	Red		1	—
	NP8-10XD/225	Yellow		1	—
	NP8-10XD/226	Blue		1	—
	NP8-01XD/221	White		—	1
	NP8-01XD/223	Green		—	1
	NP8-01XD/224	Red		—	1
	NP8-01XD/225	Yellow		—	1
	NP8-01XD/226	Blue		—	1
NP8- XD/	Metal	Color	Selector Switches	1	2
	NP8-20XD/211	White		2	—
	NP8-11XD/216	Green		2	—
	NP8-20XD/213	Red		2	—
	NP8-20XD/214	Yellow		2	—
	NP8-20XD/215	Blue		2	—
	NP8-20XD/216	White		—	2
	NP8-02XD/211	Green		—	2
	NP8-02XD/213	Red		—	2
	NP8-02XD/214	Yellow		—	2
	NP8-02XD/215	Blue		—	2
	NP8-02XD/216	White		1	1
	NP8-11XD/211	Green		1	1
	NP8-11XD/213	Red		1	1
	NP8-11XD/214	Yellow		1	1
	NP8-11XD/215	Blue		1	1
NP8- XD/22	Metal	Color	Selector Switches	1	2
	NP8-20XD/221	White		2	—
	NP8-20XD/223	Green		2	—
	NP8-20XD/224	Red		2	—
	NP8-20XD/225	Yellow		2	—
	NP8-20XD/226	Blue		2	—
	NP8-02XD/221	White		—	2
	NP8-02XD/223	Green		—	2
	NP8-02XD/224	Red		—	2
	NP8-02XD/225	Yellow		—	2
	NP8-02XD/226	Blue		—	2
	NP8-11XD/221	White		1	1
	NP8-11XD/223	Green		1	1
	NP8-11XD/224	Red		1	1
	NP8-11XD/225	Yellow		1	1
	NP8-11XD/226	Blue		1	1

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

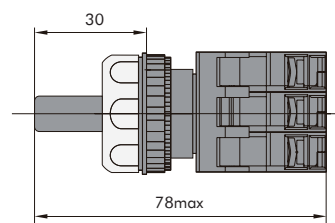
NP8- □□ XD/□	Metal	Color	Selector Switches	1	2
	NP8-20XD/311	○		2	—
	NP8-20XD/313	●		2	—
	NP8-20XD/314	●		2	—
	NP8-20XD/315	●		2	—
	NP8-20XD/316	●		2	—
	NP8-02XD/311	○		—	2
	NP8-02XD/313	●		—	2
	NP8-02XD/314	●		—	2
	NP8-02XD/315	●		—	2
	NP8-02XD/316	●		—	2
	NP8-11XD/311	○		1	1
	NP8-11XD/313	●		1	1
	NP8-11XD/314	●		1	1
	NP8-11XD/315	●		1	1
	NP8-11XD/316	●		1	1
NP8- □□ XD/33 □	Metal	Color	Selector Switches	1	2
	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 □	Metal	Color	Selector Switches	1	2
	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 □	Metal	Color	Selector Switches	1	2
	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

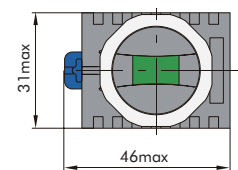
★ Key Switches (2 positions)-(Non-illuminated)

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

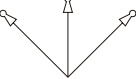
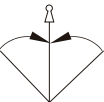
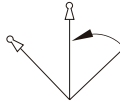
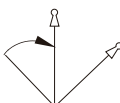
Dimensions(mm)

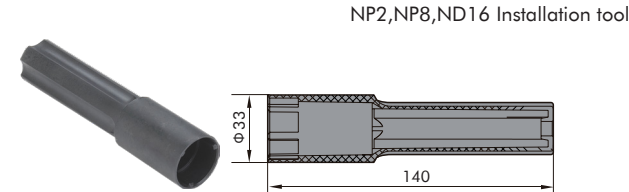
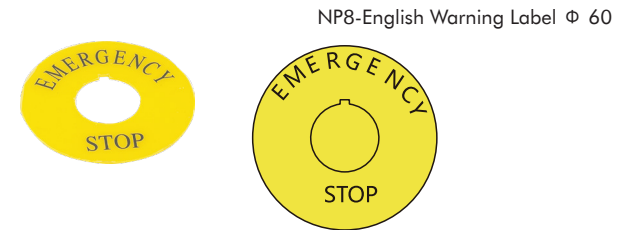
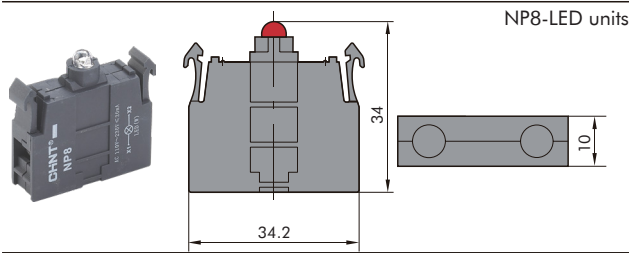
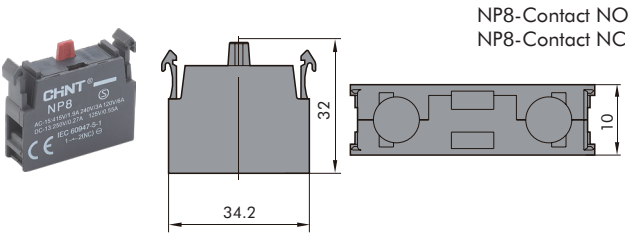


NP8- □□ XD/ □

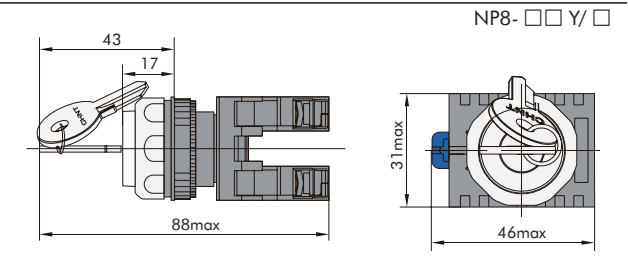


★ Key Switches (3 positions)-(Non-illuminated)

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



Dimensions(mm)



Dimensions(mm)

