



NP6 Series

1. General

Electric ratings: AC50/60Hz, AC220V/DC220V;
 Degree of protection: IP40
 Standard: IEC/EN60947-5-1

2. Operating conditions

- 2.1 Ambient temperature is -5°C~+40°C, the average temperature during 24 hours couldn't exceed +35°C.
- 2.2 Altitude: ≤2000m.
- 2.3 Atmosphere condition: Relative humidity of the atmosphere couldn't exceed 50% when the highest temperature is +40°C; much higher relative humidity is allowable under the condition of lower temperature, for example, when the temperature reaches +20°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 degree: 3
- 2.5 Overvoltage category: II

3. Technical data

Rated insulated voltage U_i : 250V
 Conventional heating current I_{th} : 3A

Rated operational voltage U_e (V)		24	110	220
Rated operational current I_e (A)	AC-15	-	0.7	0.5
	DC-13	0.7	-	0.1



 Flush , latching NP6-□□ BS / □□ E-033~E-034	 Flush, momentary NP6-□□ B / □□ E-033	 Illuminated flush, latching NP6-□□ DS / □□ E-034~E-035	 Illuminated flush, momentary NP6-□□ D / □□ E-034~E-035	 Mushroom-headed, momentary NP6-□□ J / □□ E-035
 Mushroom-headed, latching NP6-□□ ZS / □□ E-036	 Key switch NP6-□□ Y / □□ E-036	 Selector switch NP6-□□ X / □□ E-035	 Indicator light NP6-XD / □□ E-036	

4. Data of lamps of illuminated button

Rated operational voltage (V)	6	12	24
Rated operational current (mA)	≤20	≤20	≤20
Color			
Life (h)	≥30000		

4.1 Contact

Contact resistance: ≤50mΩ

4.2 Durability

Electric life (operation circles) Instantaneous button: AC: 500×10³, DC: 250×10³ Selector switch: 100×10³
 Mechanical life (operation circles) Instantaneous button: 1×10⁶ Selector switch: 100×10³

4.3 Short-circuit protective device: NT00-16 6A

★ Momentary Flush Pushbutton-(Non illuminated)



NP6-□□ B/ □ J	Model	Color	
 	NP6-11B/1J	○	1
	NP6-11B/2J	●	1
	NP6-11B/3J	●	1
	NP6-11B/4J	●	1
	NP6-11B/5J	●	1
	NP6-11B/6J	●	1
	NP6-11B/7J	●	1
	NP6-22B/1J	○	2
	NP6-22B/2J	●	2
	NP6-22B/3J	●	2
	NP6-22B/4J	●	2
	NP6-22B/5J	●	2
	NP6-22B/6J	●	2
	NP6-22B/7J	●	2



NP6-□□ B/ □ Y	Model	Color	
 	NP6-11B/1Y	○	1
	NP6-11B/2Y	●	1
	NP6-11B/3Y	●	1
	NP6-11B/4Y	●	1
	NP6-11B/5Y	●	1
	NP6-11B/6Y	●	1
	NP6-11B/7Y	●	1
	NP6-22B/1Y	○	2
	NP6-22B/2Y	●	2
	NP6-22B/3Y	●	2
	NP6-22B/4Y	●	2
	NP6-22B/5Y	●	2
	NP6-22B/6Y	●	2
	NP6-22B/7Y	●	2

NP6-□□ B/ □ F	Model	Color	
 	NP6-11B/1F	○	1
	NP6-11B/2F	●	1
	NP6-11B/3F	●	1
	NP6-11B/4F	●	1
	NP6-11B/5F	●	1
	NP6-11B/6F	●	1
	NP6-11B/7F	●	1
	NP6-22B/1F	○	2
	NP6-22B/2F	●	2
	NP6-22B/3F	●	2
	NP6-22B/4F	●	2
	NP6-22B/5F	●	2
	NP6-22B/6F	●	2
	NP6-22B/7F	●	2

★ Momentary Flush Pushbutton-(Non illuminated)(Latching)

NP6-□□ BS/ □ J	Model	Color	
 	NP6-11BS/1J	○	1
	NP6-11BS/2J	●	1
	NP6-11BS/3J	●	1
	NP6-11BS/4J	●	1
	NP6-11BS/5J	●	1
	NP6-11BS/6J	●	1
	NP6-11BS/7J	●	1
	NP6-22BS/1J	○	2
	NP6-22BS/2J	●	2
	NP6-22BS/3J	●	2
	NP6-22BS/4J	●	2
	NP6-22BS/5J	●	2
	NP6-22BS/6J	●	2
	NP6-22BS/7J	●	2

NP6-□□ BS/ □ F	Model	Color	⌚
 	NP6-11BS/1F	○	1
	NP6-11BS/2F	●	1
	NP6-11BS/3F	●	1
	NP6-11BS/4F	●	1
	NP6-11BS/5F	●	1
	NP6-11BS/6F	●	1
	NP6-11BS/7F	●	1
	NP6-22BS/1F	○	2
	NP6-22BS/2F	●	2
	NP6-22BS/3F	●	2
	NP6-22BS/4F	●	2
	NP6-22BS/5F	●	2
	NP6-22BS/6F	●	2
	NP6-22BS/7F	●	2

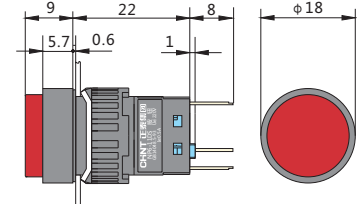
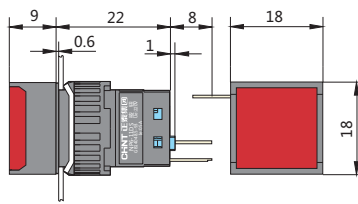
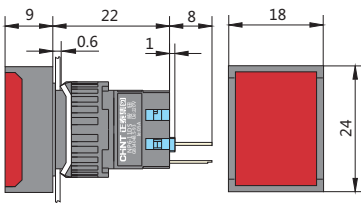
NP6-□□ BS/ □ Y	Model	Color	⌚
 	NP6-11BS/1Y	○	1
	NP6-11BS/2Y	●	1
	NP6-11BS/3Y	●	1
	NP6-11BS/4Y	●	1
	NP6-11BS/5Y	●	1
	NP6-11BS/6Y	●	1
	NP6-11BS/7Y	●	1
	NP6-22BS/1Y	○	2
	NP6-22BS/2Y	●	2
	NP6-22BS/3Y	●	2
	NP6-22BS/4Y	●	2
	NP6-22BS/5Y	●	2
	NP6-22BS/6Y	●	2
	NP6-22BS/7Y	●	2

Dimensions (mm)

NP6-□□B□/□J



NP6- □□B□/□F



NP6-□□B□ /□Y





★ Momentary Flush Pushbutton-(Illuminated) (AC 6V,12V,24V)



★ Momentary Flush Pushbutton-(Illuminated) (AC 6V,12V,24V , Latching)



NP6-□□ D/ □ J	Model	Color	⌚
  Rectangle 5PINS	NP6-11D/1J	○	1
	NP6-11D/3J	●	1
	NP6-11D/4J	●	1
	NP6-11D/5J	●	1
	NP6-11D/6J	●	1
	NP6-11D/7J	●	1
	NP6-22D/1J	○	2
	NP6-22D/3J	●	2
	NP6-22D/4J	●	2
	NP6-22D/5J	●	2
	NP6-22D/6J	●	2
	NP6-22D/7J	●	2



NP6-□□ DS/ □ J	Model	Color	⌚
  Rectangle 5PINS	NP6-11DS/1J	○	1
	NP6-11DS/3J	●	1
	NP6-11DS/4J	●	1
	NP6-11DS/5J	●	1
	NP6-11DS/6J	●	1
	NP6-11DS/7J	●	1
	NP6-22DS/1J	○	2
	NP6-22DS/3J	●	2
	NP6-22DS/4J	●	2
	NP6-22DS/5J	●	2
	NP6-22DS/6J	●	2
	NP6-22DS/7J	●	2



NP6-□□ D/□ F	Model	Color	⎓
 	NP6-11D/1F	○	1
	NP6-11D/3F	●	1
	NP6-11D/4F	●	1
	NP6-11D/5F	●	1
	NP6-11D/6F	●	1
	NP6-11D/7F	●	1
	NP6-22D/1F	○	2
	NP6-22D/3F	●	2
	NP6-22D/4F	●	2
	NP6-22D/5F	●	2
	NP6-22D/6F	●	2
	NP6-22D/7F	●	2

NP6-□□ DS/□ F	Model	Color	⎓
 	NP6-11DS/1F	○	1
	NP6-11DS/3F	●	1
	NP6-11DS/4F	●	1
	NP6-11DS/5F	●	1
	NP6-11DS/6F	●	1
	NP6-11DS/7F	●	1
	NP6-22DS/1F	○	2
	NP6-22DS/3F	●	2
	NP6-22DS/4F	●	2
	NP6-22DS/5F	●	2
	NP6-22DS/6F	●	2
	NP6-22DS/7F	●	2

NP6-□□ D/□ Y	Model	Color	⎓
  Round 5PINS	NP6-11D/1Y	○	1
	NP6-11D/3Y	●	1
	NP6-11D/4Y	●	1
	NP6-11D/5Y	●	1
	NP6-11D/6Y	●	1
	NP6-11D/7Y	●	1
	NP6-22D/1Y	○	2
	NP6-22D/3Y	●	2
	NP6-22D/4Y	●	2
	NP6-22D/5Y	●	2
	NP6-22D/6Y	●	2
	NP6-22D/7Y	●	2

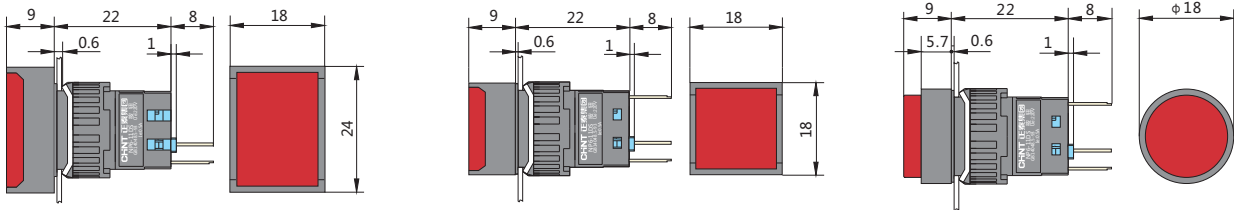
NP6-□□ DS/□ Y	Model	Color	⎓
  Round 5PINS	NP6-11DS/1F	○	1
	NP6-11DS/3F	●	1
	NP6-11DS/4F	●	1
	NP6-11DS/5F	●	1
	NP6-11DS/6F	●	1
	NP6-11DS/7F	●	1
	NP6-22DS/1F	○	2
	NP6-22DS/3F	●	2
	NP6-22DS/4F	●	2
	NP6-22DS/5F	●	2
	NP6-22DS/6F	●	2
	NP6-22DS/7F	●	2

Dimensions (mm)


NP6-□□D□/□J

NP6-□□D□/□F





NP6-□□D□/□Y




★ Mushroom Pushbutton(Non illuminated)

NP6-□□J/□	Model	Color	⎓
	NP6-11J/3	●	1
	NP6-11J/4	●	1
	NP6-11J/5	●	1
	NP6-22J/3	●	2
	NP6-22J/4	●	2
	NP6-22J/5	●	2

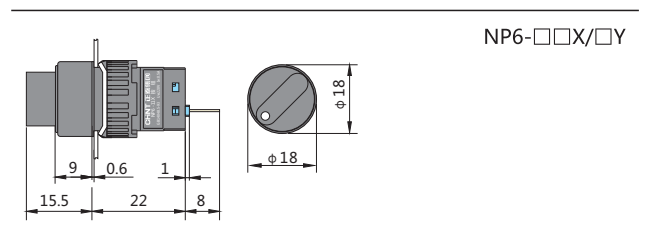
★ Selector Switches (Non illuminated)

NP6-□□ X/□ Y	Model	Selector Switches	⎓
	NP6-11X/2Y		1
	NP6-22X/2Y		2
	NP6-22X/3Y		2




★ Mushroom Pushbutton-(Non illuminated)-(Latching)

NP6-□□ ZS/4	Model	Color	
	NP6-11ZS/4	●	1
	NP6-22ZS/4	●	2




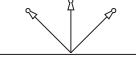
Dimensions (mm)



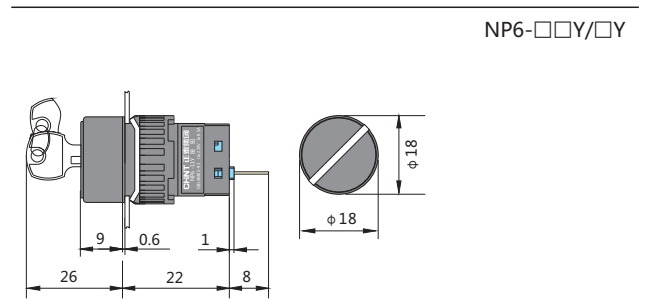
★ Indicator

NP6-XD/ □□	Model	Color	Voltage
	NP6-XD/1J	○	DC 6V, DC 12V, DC 24V
	NP6-XD/3J	●	
	NP6-XD/4J	●	
	NP6-XD/5J	●	
	NP6-XD/6J	●	
	NP6-XD/7J	●	DC 6V, DC 12V, DC 24V
	NP6-XD/1F	○	
	NP6-XD/3F	●	
	NP6-XD/4F	●	
	NP6-XD/5F	●	
	NP6-XD/6F	●	DC 6V, DC 12V, DC 24V
	NP6-XD/7F	●	
	NP6-XD/1Y	○	
	NP6-XD/3Y	●	
	NP6-XD/4Y	●	
	NP6-XD/5Y	●	
	NP6-XD/6Y	●	
NP6-XD/7Y	●		





★ Key Switches(Non illuminated)

NP6-□□ Y/ □ Y	Model	Selector Switches	
	NP6-11Y/2Y		1
	NP6-22Y/2Y		2
	NP6-22Y/3Y		2

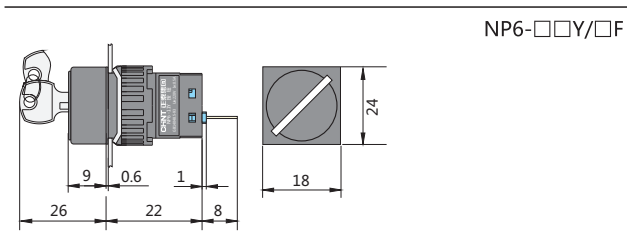
Dimensions (mm)





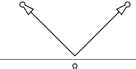

★ Key Switches(Non illuminated)

NP6-□□ Y/ □ F	Model	Selector Switches	
	NP6-11Y/2F		1
	NP6-22Y/2F		2
	NP6-22Y/3F		2

Dimensions (mm)



★ Key Switches(Non illuminated)

NP6-□□ Y/ □ J	Model	Selector Switches	
	NP6-11Y/2J		1
	NP6-22Y/2J		2
	NP6-22Y/3J		2

Dimensions (mm)

