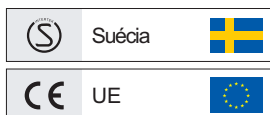




**Botão de apertar 22mm, Modelos compostos NP8**

**1. Informação Geral**

Classificação elétrica: CA50/60Hz, CA415V/CC250V;  
Grau de Proteção: IP54  
Padrão: IEC/EN60947-5-1

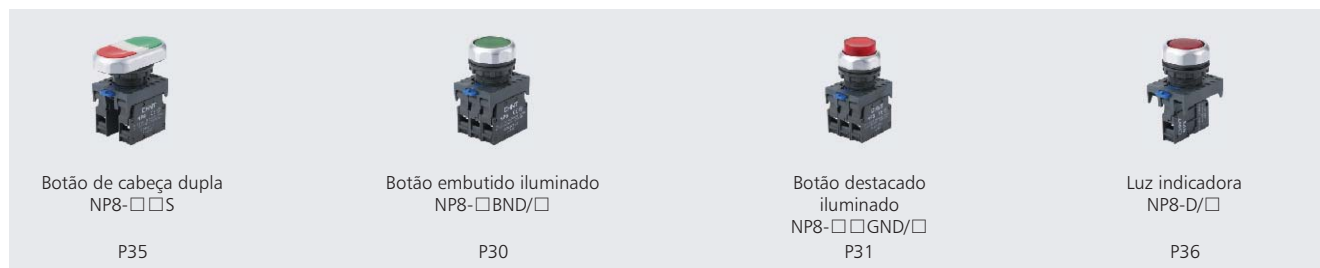


**2. Condições de Trabalho e Montagem**

- 2.1 Temperatura ambiente entre -5°C ~ +40°C, a temperatura média em 24h não pode ser superior a +35°C;
- 2.2 Altitude: ≤2000m.
- 2.3 Condições Atmosféricas: A umidade relativa do ar não deve ultrapassar 50% quando a temperatura mais alta for +40°C; umidade relativa muito mais alta pode ser permitida com a condição que a temperatura seja mais baixa, por exemplo, quando a temperatura está em +20°C, a umidade relativa pode ser de até 90%. Quanto ao orvalho, que aparece contingencialmente devido a mudanças da temperatura, devem ser tomadas medidas especiais.
- 2.4 Grau de poluição: 3
- 2.5 Categoria de Instalação: II



# Dispositivo Piloto



### 3. Informações Técnicas

3.1 Consulte a tabela abaixo para os valores nominais relativos à categoria de utilização.

A600	CA-15	Tensão nominal de serviço, V	415	240	120
		Corrente nominal operacional A	1,9	3	6
Q300	CC-13	Tensão nominal de serviço, V	250	125	-
		Corrente nominal operacional A	0,27	0,55	-

3.2 Consulte a tabela 3 para os parâmetros básicos dos botões de apertar iluminados

Parâmetros básicos	Lâmpada LED
Corrente nominal operacional	≤20mA
Voltagem nominal operacional	CA/CC 6V, 12V, 24V, 36V, AC110V, 220V

### 3.3 Durabilidade

Vida mecânica:

Versões embutida, cabeça cogumelo e iluminado:  
3 × 10<sup>6</sup> círculos de operação.

Versões giratória, cabeça dupla, autotravante e com chave:  
1 × 10<sup>5</sup> círculos de operação.

Vida elétrica:

Versões embutida, cabeça cogumelo e iluminado:  
CA 1 × 10<sup>6</sup> / CC 2,5 × 10<sup>5</sup> Círculos de operação.





Botão tipo giratório, cabeça dupla, autotravante e com chave:  
1 × 10<sup>5</sup> círculos de operação.


### 4. Características

- Mecanismo de operação apresenta cores brilhantes e superfície modernizada.
- Design modular. Sistema operacional, adaptador, sistema de contato e sistema de iluminação podem ser combinados livremente para realizar diferentes funções.
- Montagem e desmontagem conveniente graças à estrutura de encaixe.
- Função de travamento automático do adaptador central torna sua montagem e conexão convenientes e confiáveis.
- O parafuso de terminal está disponível com mecanismo antiperda para protegê-lo de soltar-se do corpo durante o transporte.
- A lâmpada LED de alto brilho e vida útil longa garante indicação confiável.

### 5. Botão de apertar NP8

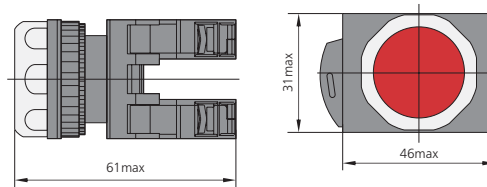
★ Botão de apertar Embutido Temporário-(Não-iluminado)

NP8-□□ BN/ □□	Modelo	Cor	↵	↶
	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
	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-□□ BN/ □□	Modelo	Cor	↵	↶
	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

Dimensões (mm)

NP8-□□BN/□



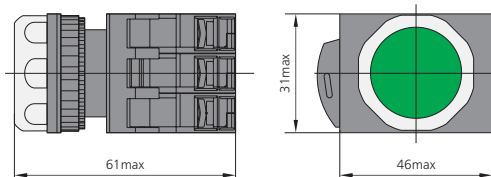
# Dispositivo Piloto

★ Botão de apertar Embutido Temporário-iluminado (CA/CC 6~36V) & CA110, 220V

NP8-□□ BND/□□	Modelo	Cor	↘	↙
	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	—
	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

Dimensões (mm)

NP8-□□BND/□



★ Botão de apertar Embutido Temporário-(Não-iluminado)

NP8-□□ GN/□□	Modelo	Cor	↘	↙
	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
	NP8-30GN/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

★ Botão de apertar Embutido Temporário-iluminado (CA/CC 6~36V) & CA110, 220V

NP8-□□ GN/ □□	Modelo	Cor	↙	↘
	NP8-30GN/4	Red	3	—
	NP8-30GN/5	Yellow	3	—
	NP8-30GN/6	Blue	3	—
	NP8-03GN/1	White	—	3
	NP8-03GN/2	Black	—	3
	NP8-03GN/3	Green	—	3
	NP8-03GN/4	Red	—	3
	NP8-03GN/5	Yellow	—	3
	NP8-03GN/6	Blue	—	3
	NP8-12GN/1	White	1	2
	NP8-12GN/2	Black	1	2
	NP8-12GN/3	Green	1	2
	NP8-12GN/4	Red	1	2
	NP8-12GN/5	Yellow	1	2
	NP8-12GN/6	Blue	1	2
	NP8-21GN/1	White	2	1
	NP8-21GN/2	Black	2	1
	NP8-21GN/3	Green	2	1
	NP8-21GN/4	Red	2	1
	NP8-21GN/5	Yellow	2	1
	NP8-21GN/6	Blue	2	1

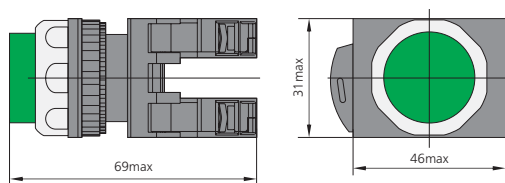


NP8-□□ GND/ □□	Modelo	Cor	↙	↘
	NP8-10GND/1	White	1	—
	NP8-10GND/3	Green	1	—
	NP8-10GND/4	Red	1	—
	NP8-10GND/5	Yellow	1	—
	NP8-10GND/6	Blue	1	—
	NP8-01GND/1	White	—	1
	NP8-01GND/3	Green	—	1
	NP8-01GND/4	Red	—	1
	NP8-01GND/5	Yellow	—	1
	NP8-01GND/6	Blue	—	1
	NP8-20GND/1	White	2	—
	NP8-20GND/3	Green	2	—
	NP8-20GND/4	Red	2	—
	NP8-20GND/5	Yellow	2	—
	NP8-20GND/6	Blue	2	—
	NP8-02GND/1	White	—	2
	NP8-02GND/3	Green	—	2
	NP8-02GND/4	Red	—	2
	NP8-02GND/5	Yellow	—	2
	NP8-02GND/6	Blue	—	2
	NP8-11GND/1	White	1	1
	NP8-11GND/3	Green	1	1
	NP8-11GND/4	Red	1	1
	NP8-11GND/5	Yellow	1	1
	NP8-11GND/6	Blue	1	1



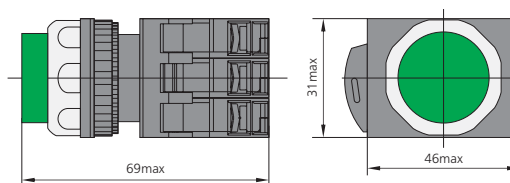
Dimensões (mm)

NP8-□□GN/□






Dimensões (mm)


NP8-□□GND/□





# Dispositivo Piloto

★  $\phi$  40 Botão Cogumelo Temporário-(Não iluminado)



NP8-□□ M/ □□	Modelo	Cor	↘	↙	
	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/ □□	Modelo	Cor	↘	↙
	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

★  $\phi$  60 Botão Cogumelo Temporário-(Não iluminado)

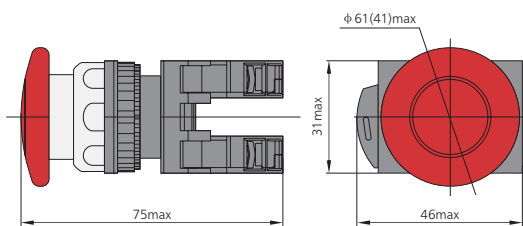
NP8-□□ M/ □□	Modelo	Cor	↘	↙	
	NP8-10M/21	○	1	—	
	NP8-10M/22	●	1	—	
	NP8-10M/23	●	1	—	
	NP8-10M/24	●	1	—	
	NP8-10M/25	●	1	—	
	NP8-10M/26	●	1	—	
	NP8-01M/21	○	—	1	
	NP8-01M/22	●	—	1	
	NP8-01M/23	●	—	1	
	NP8-01M/24	●	—	1	
	NP8-01M/25	●	—	1	
	NP8-01M/26	●	—	1	
		NP8-20M/21	○	2	—
		NP8-20M/22	●	2	—
		NP8-20M/23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

1 BLOCO DE CONTATO  
(Não-iluminado)



NP8-□□ M/ □□	Modelo	Cor	↙	↘
	NP8-02M/23	●	—	2
	NP8-02M/24	●	—	2
	NP8-02M/25	●	—	2
	NP8-02M/26	●	—	2
	NP8-11M/21	○	1	1
	NP8-11M/22	●	1	1
	NP8-11M/23	●	1	1
	NP8-11M/24	●	1	1
	NP8-11M/25	●	1	1
	NP8-11M/26	●	1	1
	NP8-30M/21	○	3	—
	NP8-30M/22	●	3	—
NP8-30M/23	●	3	—	
NP8-30M/24	●	3	—	
NP8-30M/25	●	3	—	
NP8-30M/26	●	3	—	
	NP8-03M/21	○	—	3
	NP8-03M/22	●	—	3
	NP8-03M/23	●	—	3
	NP8-03M/24	●	—	3
	NP8-03M/25	●	—	3
	NP8-03M/26	●	—	3
	NP8-12M/21	○	1	2
	NP8-12M/22	●	1	2
	NP8-12M/23	●	1	2
	NP8-12M/24	●	1	2
	NP8-12M/25	●	1	2
	NP8-12M/26	●	1	2
	NP8-21M/21	○	2	1
	NP8-21M/22	●	2	1
	NP8-21M/23	●	2	1
	NP8-21M/24	●	2	1
	NP8-21M/25	●	2	1
	NP8-21M/26	●	2	1

Dimensões (mm)

NP8-□□M/□



★  $\phi$  40 Botão Cogumelo Embutido Temporário-iluminado (CA/CC 6~36V) & CA110, 220V

NP8-□□ MD/ □□	Modelo	Cor	↙	↘	
	NP8-10MD/11	○	1	—	
	NP8-10MD/13	●	1	—	
	NP8-10MD/14	●	1	—	
	NP8-10MD/15	●	1	—	
	NP8-10MD/16	●	1	—	
	NP8-01MD/11	○	—	1	
	NP8-01MD/13	●	—	1	
	NP8-01MD/14	●	—	1	
	NP8-01MD/15	●	—	1	
	NP8-01MD/16	●	—	1	
		NP8-20MD/11	○	2	—
		NP8-20MD/13	●	2	—
		NP8-20MD/14	●	2	—
		NP8-20MD/15	●	2	—
		NP8-20MD/16	●	2	—
		NP8-02MD/11	○	—	2
NP8-02MD/13		●	—	2	
NP8-02MD/14		●	—	2	
NP8-02MD/15		●	—	2	
NP8-02MD/16		●	—	2	
NP8-11MD/11		○	1	1	
NP8-11MD/13		●	1	1	
NP8-11MD/14		●	1	1	
NP8-11MD/15		●	1	1	
NP8-11MD/16		●	1	1	

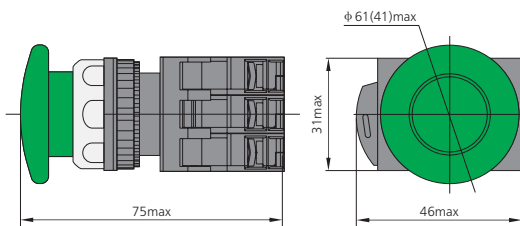
★  $\phi$  60 Botão Cogumelo Embutido Temporário-iluminado (CA/CC 6~36V) & CA110, 220V

NP8-□□ MD/ □□	Modelo	Cor	↙	↘
1 BLOCO DE CONTATO (Não-iluminado)	NP8-10MD/11	○	1	—
	NP8-10MD/13	●	1	—
	NP8-10MD/14	●	1	—
	NP8-10MD/15	●	1	—
	NP8-10MD/16	●	1	—
	NP8-01MD/11	○	—	1
	NP8-01MD/13	●	—	1
	NP8-01MD/14	●	—	1
	NP8-01MD/15	●	—	1
	NP8-01MD/16	●	—	1

NP8-□□ MD/ □□	Modelo	Cor	↘	↙
2 BLOCO DE CONTATO (Não-iluminado)	NP8-20MD/11	○	2	—
	NP8-20MD/13	●	2	—
	NP8-20MD/14	●	2	—
	NP8-20MD/15	●	2	—
	NP8-20MD/16	●	2	—
	NP8-02MD/11	○	—	2
	NP8-02MD/13	●	—	2
	NP8-02MD/14	●	—	2
	NP8-02MD/15	●	—	2
	NP8-02MD/16	●	—	2
	NP8-11MD/11	○	1	1
	NP8-11MD/13	●	1	1
	NP8-11MD/14	●	1	1
	NP8-11MD/15	●	1	1
NP8-11MD/16	●	1	1	

Dimensões (mm)

NP8-□□MD/□



★ φ 40 Botão Cogumelo-(Não iluminado) Mantido


NP8-□□ ZS/ □□	Modelo	Cor	↘	↙
	NP8-10ZS/11	○	1	—
	NP8-10ZS/12	●	1	—
	NP8-10ZS/13	●	1	—
	NP8-10ZS/14	●	1	—
	NP8-10ZS/15	●	1	—
	NP8-10ZS/16	●	1	—
	NP8-01ZS/11	○	—	1
	NP8-01ZS/12	●	—	1
	NP8-01ZS/13	●	—	1
	NP8-01ZS/14	●	—	1
	NP8-01ZS/15	●	—	1
	NP8-01ZS/16	●	—	1

NP8-□□ ZS/ □□	Modelo	Cor	↘	↙
	NP8-20ZS/11	○	2	—
	NP8-20ZS/12	●	2	—
	NP8-20ZS/13	●	2	—
	NP8-20ZS/14	●	2	—
	NP8-20ZS/15	●	2	—
	NP8-20ZS/16	●	2	—
	NP8-02ZS/11	○	—	2
	NP8-02ZS/12	●	—	2
	NP8-02ZS/13	●	—	2
	NP8-02ZS/14	●	—	2
	NP8-02ZS/15	●	—	2
	NP8-02ZS/16	●	—	2
	NP8-11ZS/11	○	1	1
	NP8-11ZS/12	●	1	1
	NP8-11ZS/13	●	1	1
	NP8-11ZS/14	●	1	1
	NP8-11ZS/15	●	1	1
	NP8-11ZS/16	●	1	1

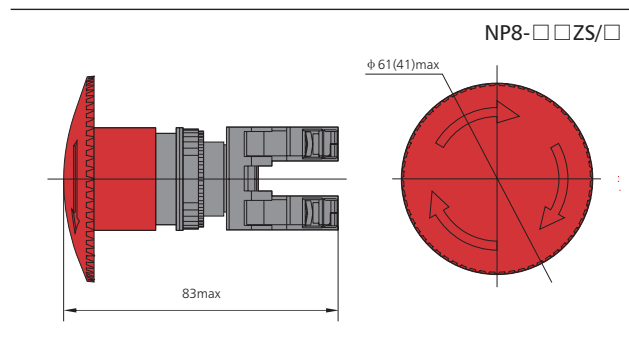
★ φ 60 Botão Cogumelo-(Não iluminado) Mantido

NP8-□□ ZS/ □□	Modelo	Cor	↘	↙
	NP8-10ZS/21	○	1	—
	NP8-10ZS/22	●	1	—
	NP8-10ZS/23	●	1	—
	NP8-10ZS/24	●	1	—
	NP8-10ZS/25	●	1	—
	NP8-10ZS/26	●	1	—
	NP8-01ZS/21	○	—	1
	NP8-01ZS/22	●	—	1
	NP8-01ZS/23	●	—	1
	NP8-01ZS/24	●	—	1
	NP8-01ZS/25	●	—	1
	NP8-01ZS/26	●	—	1
	NP8-20ZS/21	○	2	—
	NP8-20ZS/22	●	2	—
	NP8-20ZS/23	●	2	—
	NP8-20ZS/24	●	2	—
	NP8-20ZS/25	●	2	—
	NP8-20ZS/26	●	2	—




NP8-□□ ZS/□□	Modelo	Cor	↖	↗
	NP8-02ZS/21	○	—	2
	NP8-02ZS/22	●	—	2
	NP8-02ZS/23	●	—	2
	NP8-02ZS/24	●	—	2
	NP8-02ZS/25	●	—	2
	NP8-02ZS/26	●	—	2
	NP8-11ZS/21	○	2	1
	NP8-11ZS/22	●	2	1
	NP8-11ZS/23	●	2	1
	NP8-11ZS/24	●	2	1
	NP8-11ZS/25	●	2	1
	NP8-11ZS/26	●	2	1


Dimensões (mm)



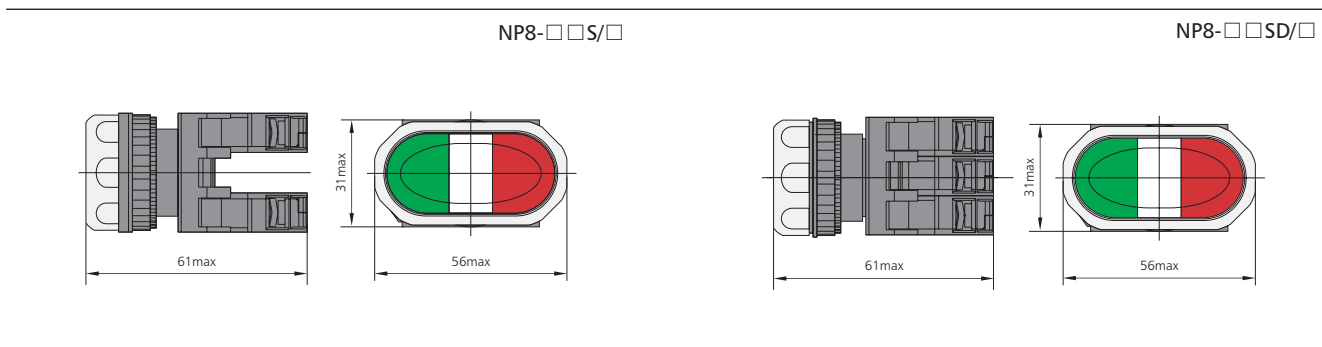
★ Botão embutido de cabeça dupla temporário (Não-iluminado)

NP8- □□ S	Voltagem da Lâmpada	Modelo	Cor	↖	↗
	Não-iluminado	NP8-20S	● + ●	2	—
		NP8-02S	● + ●	—	2
		NP8-11S	● + ●	1	1


★ Botão embutido de cabeça dupla temporário (Iluminado)

NP8- □□ SD	Voltagem da Lâmpada	Modelo	Cor	↖	↗
	LED : CA/CC 6V, 12V, 24V, 36V; CA110V, 230V	NP8-20SD	● + ●	2	—
		NP8-02SD	● + ●	—	2
		NP8-11SD	● + ●	1	1



Dimensões (mm)



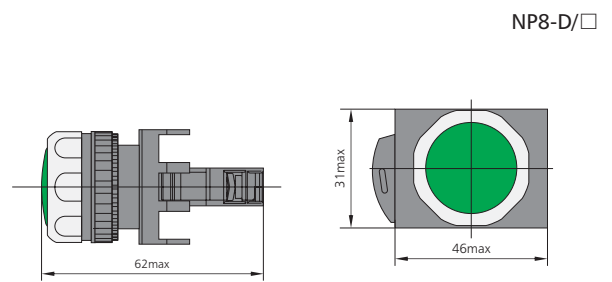
★ **Indicador**

NP8-D/ □	Voltagem da Lâmpada	Modelo	Cor
	LED : CA/CC 6V, 12V, 24V, 36V; AC110V, 230V	NP8-D/1	○
		NP8-D/3	●
		NP8-D/4	●
		NP8-D/5	●
		NP8-D/6	●


★ **Botões Seletores (2 posições)-(Não-iluminado)**

NP8- □□ X/ □	Metal	Cor	Botões Seletores	↙ ↘		
				↙	↘	
	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	
	NP8-20X/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	

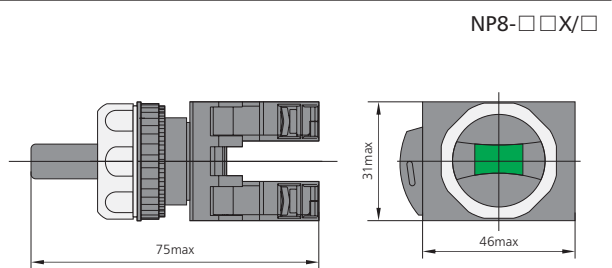
Dimensões (mm)





★ **Botões Seletores (3 posições)-(Não-iluminado)**

NP8- □□ X/ □	Metal	Cor	Botões Seletores	↙ ↘		
				↙	↘	
	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			


Dimensões (mm)



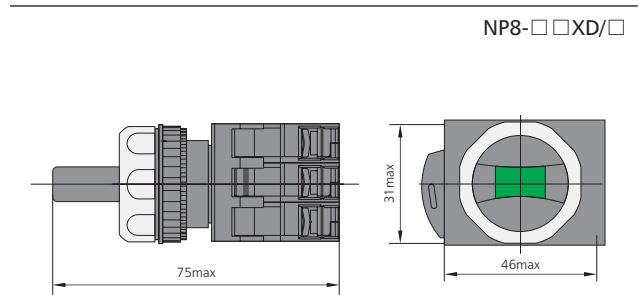
### ★ Botões Seletores (2 posições)-(Iluminados)

NP8- □□ XD/ □	Metal	Cor	Botões Seletores	↖	↗
	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		
	NP8-20XD/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



### ★ Botões Seletores (3 posições)-(Iluminados)

NP8- □□ XD/ □	Metal	Cor	Botões Seletores	↖	↗
	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


Dimensões (mm)



### ★ Botões Seletores Com Chave (2 posições)-(Não-iluminados)

NP8-□□ /Y □	Metal	Botões Seletores	↖	↗
	NP8-10Y/21	↖	1	—
	NP8-01Y/21		—	1
	NP8-20Y/21	↖	2	—
	NP8-02Y/21		—	2
	NP8-11Y/21		1	1

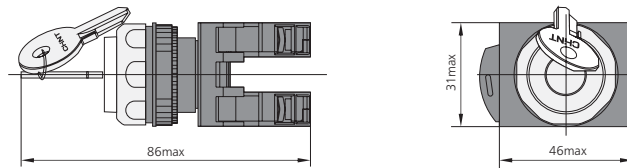
### ★ Botões Seletores Com Chave (3 posições)-(Não-iluminados)

NP8-□□ /Y □	Metal	Botões Seletores	↖	↗
	NP8-20Y/31	↖	2	—
	NP8-02Y/31		—	2
	NP8-11Y/31		1	1

# Dispositivo Piloto


Dimensões (mm)


NP8-□□Y/□




Caixas da Série NP8

★ Caixas

NPH1-10	Plástico	Especificações
	NPH1-10	1 Furo

NPH1-20	Plástico	Especificações
	NPH1-20	1 Furo

NPH1-10	Plástico	Especificações
	NPH1-10	1 Furo