



NP2 Pilot Device

1. General information

Electric ratings: AC50/60Hz, AC380V/DC220V;
Degree of protection: IP40
Standard: IEC/EN60947-5-1

2. Working & mounting 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 degree: 3
- 2.5 Overvoltage category: II

3. Technical data

- 3.1 Rated insulation voltage U_i : 415V
- 3.2 Conventional thermal current I_{th} : 10A

Rated operational voltage U_e (V)	Rated operational current I_e (A)	
	AC-15	DC-13
415	1.9	-
240	3	0.27
125	-	0.55

3.3 Durability

Electric life: Flush-headed and mushroom-headed type: AC 5×10^5 operation circles, DC 2×10^5 operation circles; other type: 1×10^5 operation circles;
Mechanical life: flush-headed and mushroom-headed type: 1 million operation circles, button with light: 3×10^5 operation circles; other type: 1×10^5 operation circles.

4. Data of lamps of illuminated button

Basic parameters	Direct type
	LED lamp
Rated operational current I_e	$I_e \leq 20\text{mA}$
Rated operational voltage (V)	AC/DC 6, 12, 24, 48, 110, 230
	Transformer type 6V LED lamp
Power supply rated operational current I_e	$I_e \leq 20\text{mA}$
Rated operational voltage (V)	AC/DC 230, 380

5. Features

- 5.1 No-dismounting of the button from the front side thanks to anti-moving operating part of metal type button;
- 5.2 Reliable contacting could be ensured because of dual functions of circuit switching and self-cleaning for all contacting points;
- 5.3 NC and NO contacting assemblies are independent to each other, and could be freely combined for convenient replacement;
- 5.4 Concealed connection terminals make the operation safe and reliable. Elegant appearance due to adoption of Aluminum and Zinc alloy in metal type button operating parts and bases;

★ Contact block

NP2-BE □□□	Metal	Specifications
	NP2-BE101	NO Contact
	NP2-BE102	NC Contact

