



NP3 Pushbutton

1. General information

Electric ratings: AC50/60Hz, AC380V/DC220V;
 Degree of protection: IP65;
 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. Feature

With good capability of dust-proof and rain-proof application; ensures reliable operation of circuit and equipments.

4. Technical data

- 4.1 Rated insulation voltage U_i : 380V
- 4.2 Conventional thermal current I_{th} : 10A

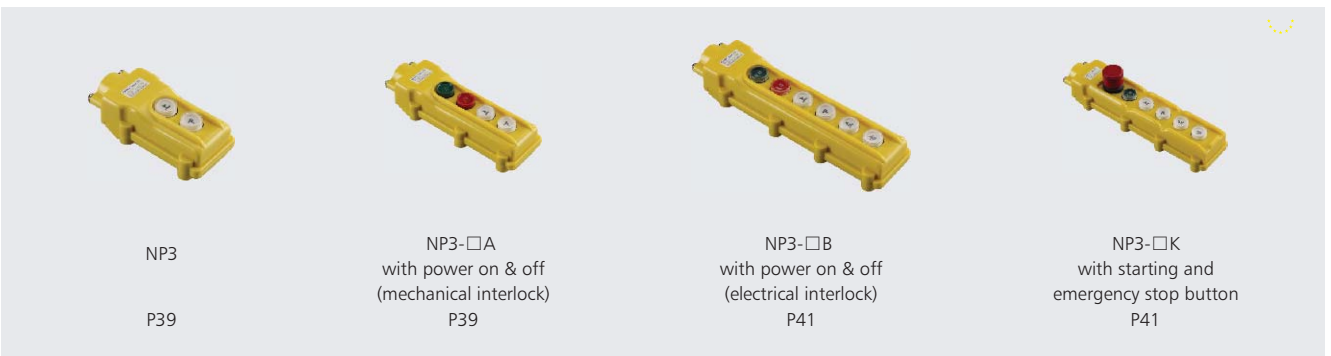
Rated operational voltage U_e (V)		380	220	110
Rated operational current I_e (A)	AC-15	2.5	4.5	-
	DC-13	-	0.3	0.6

4.3 Durability

Electric life: instantaneous: AC 5×10^5 operation circles, DC 2×10^5 operation circles;
 other type: 1×10^5 operation circles;
 Mechanical life: instantaneous: 1×10^6 operation circles,
 Illuminated button: 3×10^5 operation circles;
 other type: 1×10^5 operation circles;






4.4 Contact

Contact resistance $\leq 50\text{m}\Omega$ (initial value)







5. NP3 series indicator

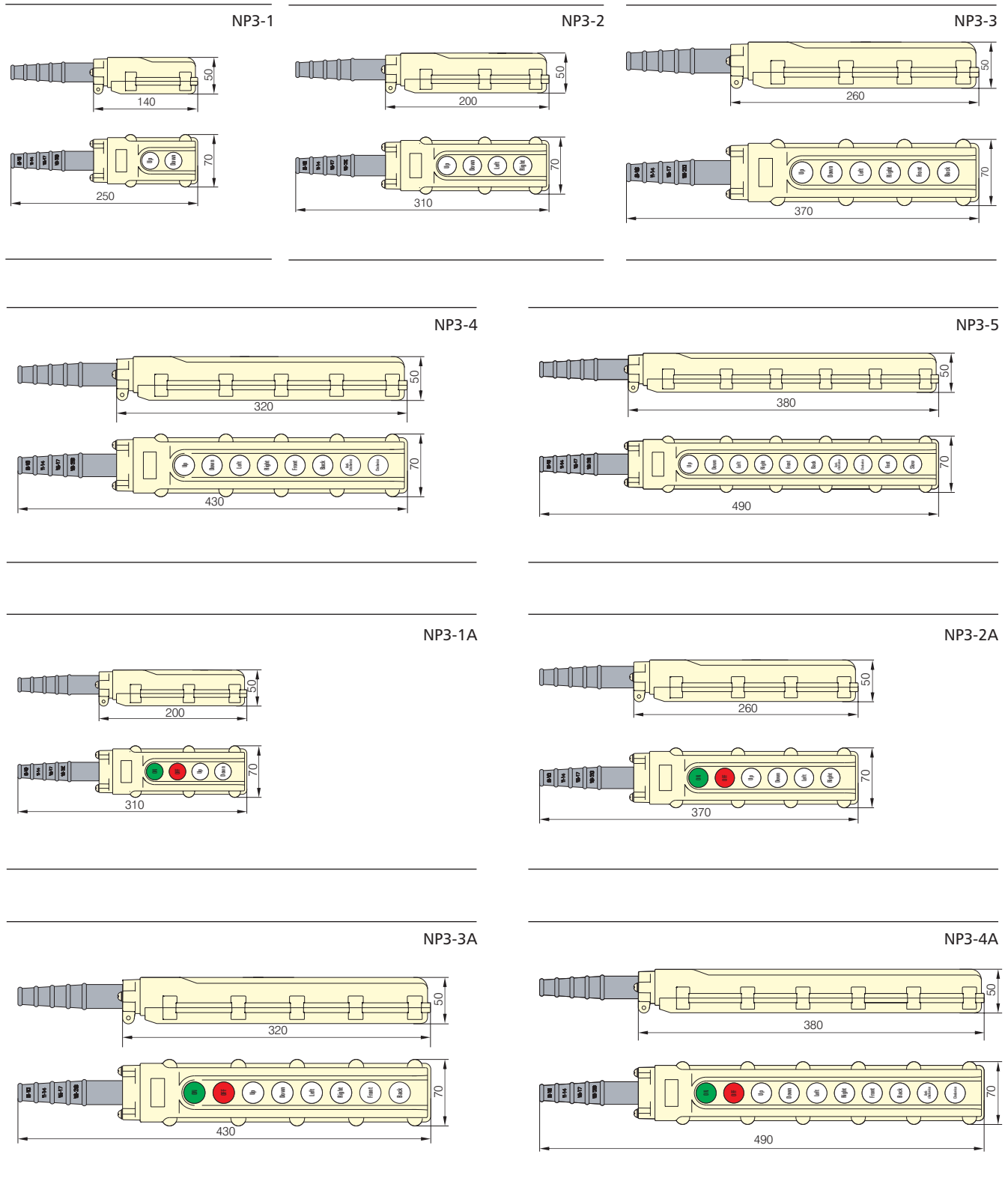
★ Momentary Flush button

NP3 □	Model	Function
	NP3-1	UP
		DOWN
	NP3-2	UP/LEFT
		DOWN/RIGHT
	NP3-3	UP/LEFT/FRONT
		DOWN/RIGHT/BACK
	NP3-4	UP/LEFT/FRONT/Anti-Clockwise
		DOWN/RIGHT/BACK/Clockwise
	NP3-5	UP/LEFT/FRONT/Anti-Clockwise/FAST
		DOWN/RIGHT/BACK/Clockwise/SLOW





★ Momentary Flush button With Power Switching
("start" button Maintained)

NP3 □ A	Model	Function
	NP3-1A	(ON/OFF) UP
		(ON/OFF) DOWN
	NP3-2A	(ON/OFF) UP/LEFT
		(ON/OFF) DOWN/RIGHT
	NP3-3A	(ON/OFF) UP/LEFT/FRONT
		(ON/OFF) DOWN/RIGHT/BACK
	NP3-4A	(ON/OFF) UP/LEFT/FRONT/Anti-Clockwise
		(ON/OFF) DOWN/RIGHT/BACK/Clockwise





Dimension (mm)



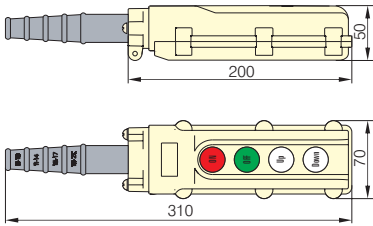
★ Momentary Flush button With Power Switching

NP3 □ B	Model	Function
	NP3-1B	UP
		DOWN
	NP3-2B	UP/LEFT
		DOWN/RIGHT
	NP3-3B	UP/LEFT/FRONT
		DOWN/RIGHT/BACK
	NP3-4B	UP/LEFT/FRONT/Anti-Clockwise
		DOWN/RIGHT/BACK/Clockwise

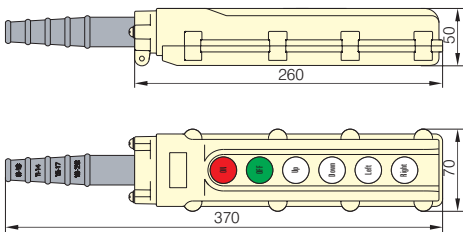
★ Momentary Flush button With Power Switching
("start" button Maintained)

NP3 □ K	Model	Function
	NP3-1K	(ON/OFF) UP
		(ON/OFF) DOWN
	NP3-2K	(ON/OFF) UP/LEFT
		(ON/OFF) DOWN/RIGHT
	NP3-3K	(ON/OFF) UP/LEFT/FRONT
		(ON/OFF) DOWN/RIGHT/BACK
	NP3-4K	(ON/OFF) UP/LEFT/FRONT/Anti-Clockwise
		(ON/OFF) DOWN/RIGHT/BACK/Clockwise

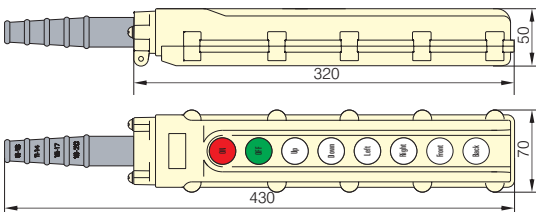
NP3-1B



NP3-2B



NP3-3B



NP3-4B

