



NP3 Series

1. General

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

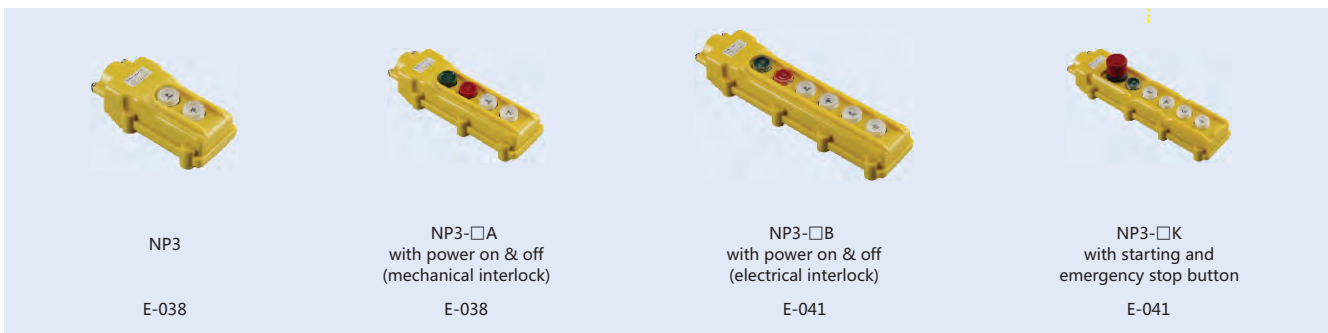
4.3 Durability

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 $\leq 50m\Omega$ (initial value)

4.5 Short-circuit protective device: NT00-16 16A



NP3

E-038

NP3-A
with power on & off
(mechanical interlock)

E-038

NP3-B
with power on & off
(electrical interlock)






E-041

NP3-K
with starting and
emergency stop button





E-041

5. NP3 series indicator

★ Momentary Flush button

NP3 □	Model	Function
	NP3-1	UP/DOWN
	NP3-2	UP/DOWN, LEFT/RIGHT
	NP3-3	UP/DOWN, LEFT/RIGHT, FRONT/BACT
	NP3-4	UP/DOWN, LEFT/RIGHT, FRONT/BACT, Anti-clockwise/Clockwisw
	NP3-5	UP/DOWN, LEFT/RIGHT, FRONT/BACT, Anti-clockwise/Clockwisw, FAST/SLOW

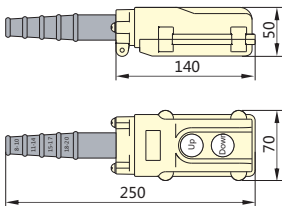
★ Momentary Flush button With Power Switching
("start" button Maintained)

NP3 □ A	Model	Function
	NP3-1A	ON/OFF, UP/DOWN
	NP3-2A	ON/OFF, UP/DOWN, LEFT/RIGHT
	NP3-3A	ON/OFF, UP/DOWN, LEFT/RIGHT, FRONT/BACK
	NP3-4A	UP/DOWN, LEFT/RIGHT, FRONT/BACT, Anti-clockwise/Clockwisw

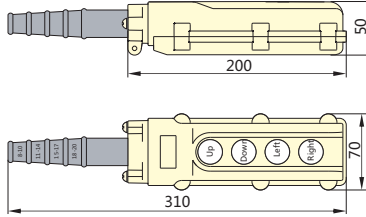


Dimension (mm)

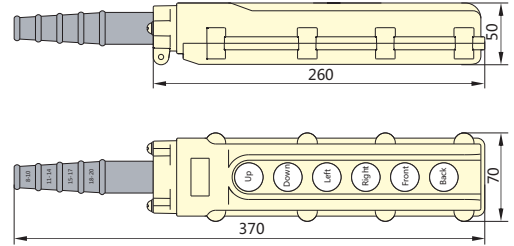
NP3-1



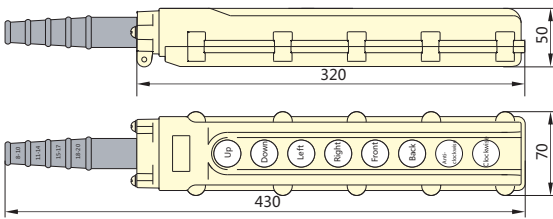
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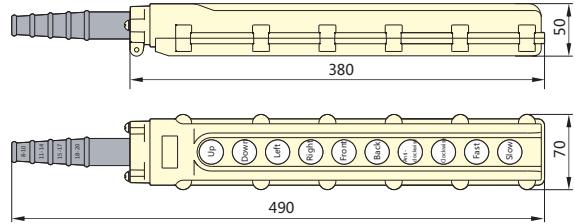
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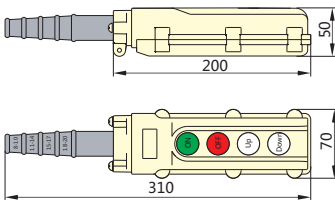
NP3-4



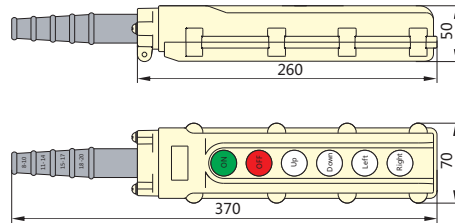
NP3-5



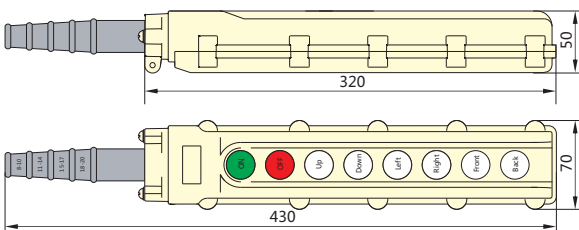
NP3-1A



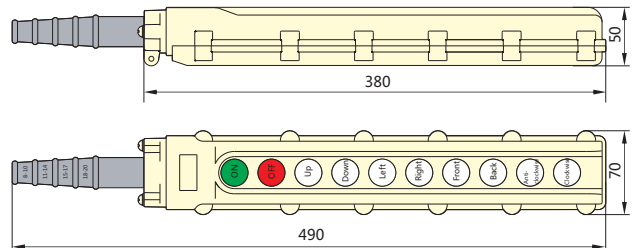
NP3-2A



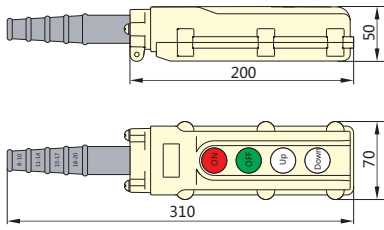
NP3-3A



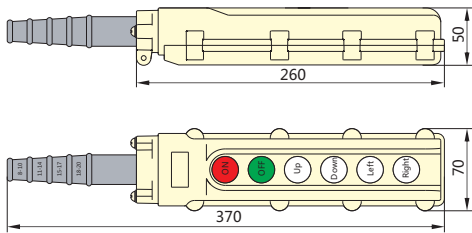
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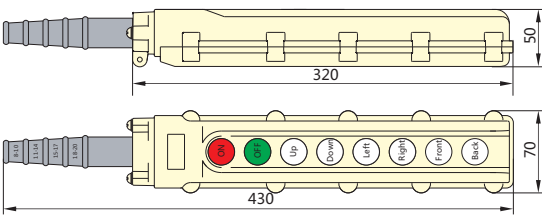
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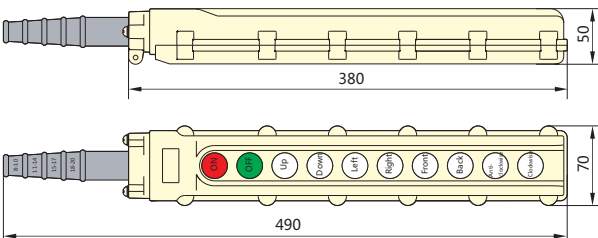
NP3-2B







NP3-3B











NP3-4B



★ Momentary Flush button With Power Switching

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

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

NP3 □ K	Model	Function
	NP3-1K	 START, UP/DOWN
	NP3-2K	 START, UP/DOWN, LEFT/RIGHT
	NP3-3K	 START, UP/DOWN, LEFT/RIGHT, FRONT/BACK
	NP3-4K	 START, UP/DOWN, LEFT/RIGHT, FRONT/BAC, Anti-Clockwise

★The electrical appliance diagrams of NP3

