

NP5 Series pushbutton switch



Conform the standard:
IEC 60947-5-1
GB 14048.5

Application

NP5 series pushbutton switches are used in industrial controlling circuits of AC 50Hz or 60Hz, rated operational voltage 380V and below, and applied for the electric system of rated working voltage 17V and below, directly making and breaking single motor.

Main technical parameters

Operational temperature: $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$

Operational humidity: 45%~90% (No condensation)

Power-frequency withstand voltage: 2500V AC, 1min

Contact resistance: $\leq 50\text{m}\Omega$

Mechanical durability:

momentary 100×10^4 (120/h)

Electrical durability: 30×10^4



NP5-210

Rated insulation voltage U_i	380V
Conventional thermal current I_{th}	10A
Rated operational voltage $U_e(V)$	380V
Rated operational current (AC-3)	4A
Motor power P_e (AC-3)	1.5kW



NP5-215

Rated insulation voltage U_i	380V
Conventional thermal current I_{th}	15A
Rated operational voltage $U_e(V)$	380V
Rated operational current (AC-3)	8A
Motor power P_e (AC-3)	2.7kW



NP5-230

Rated insulation voltage U_i	380V
Conventional thermal current I_{th}	30A
Rated operational voltage $U_e(V)$	380V
Rated operational current (AC-3)	17A
Motor power P_e (AC-3)	7.5kW