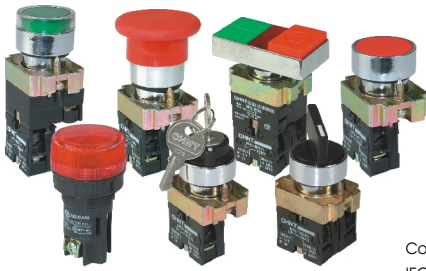


NP2 Series pushbutton switch



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

Application

NP2 series pushbutton switches are used in industrial controlling circuits of AC 50Hz or 60Hz, rated operational voltage 380V and below and DC operational voltage 220V and below for controlling in electromagnetic starter, contactor, relay and other electric circuits. The buttons with indicator light can be used in the fields, where is indicated by signal light.

Main technical parameters

Operational temperature: -5℃~+40℃

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 , others 25×10^4

Electrical durability: 50×10^4

Degree of protection: IP40 (Button case IP65)

Shape and product cutline



NP2-BA21	Black, NO
NP2-BA31	Green, NO
NP2-BA42	Red, NC
NP2-BA51	Yellow, NO
NP2-BA61	Blue, NO
NP2-BA25	Black, NO+NC
NP2-BA35	Green, NO+NC
NP2-BA45	Red, NO+NC



NP2-EA21	Black, NO
NP2-EA31	Green, NO
NP2-EA42	Red, NC
NP2-EA51	Yellow, NO
NP2-EA61	Blue, NO
NP2-EA25	Black, NO+NC
NP2-EA35	Green, NO+NC
NP2-EA45	Red, NO+NC



NP2-BC22	Φ40, Black, NC
NP2-BC32	Φ40, Green, NC
NP2-BC42	Φ40, Red, NC
NP2-BC52	Φ40, Yellow, NC
NP2-BR22	Φ60, Black, NC
NP2-BR32	Φ60, Green, NC
NP2-BR42	Φ60, Red, NC
NP2-BR52	Φ60, Yellow, NC



NP2-EC22	Φ40, Black, NC
NP2-EC32	Φ40, Green, NC
NP2-EC42	Φ40, Red, NC
NP2-EC52	Φ40, Yellow, NC
NP2-ER22	Φ60, Black, NC
NP2-ER32	Φ60, Green, NC
NP2-ER42	Φ60, Red, NC
NP2-ER52	Φ60, Yellow, NC



NP2-BS442	Φ30, Red, NC
NP2-BS542	Φ40, Red, NC
NP2-BS642	Φ60, Red, NC



NP2-ES442	Φ30, Red, NC
NP2-ES542	Φ40, Red, NC
NP2-ES642	Φ60, Red, NC



NP2-BD21	2-positions stay put, NO
NP2-BD25	2-positions stay put, NO+NC
NP2-BD33	3-positions stay put, NO+NO
NP2-BD41	2-positions reset, NO
NP2-BD45	2-positions reset, NO+NC
NP2-BD53	3-positions reset, NO+NO



NP2-ED21	2-positions stay put, NO
NP2-ED25	2-positions stay put, NO+NC
NP2-ED33	3-positions stay put, NO+NO
NP2-ED41	2-positions reset, NO
NP2-ED45	2-positions reset, NO+NC
NP2-ED53	3-positions reset, NO+NO



NP2-BJ21	2-position locked, NO
NP2-BJ25	2-position locked, NO+NC
NP2-BJ33	3-position locked, NO+NO
NP2-BJ41	2-positions reset, NO
NP2-BJ45	2-positions reset, NO+NC
NP2-BJ53	3-positions reset, NO+NO



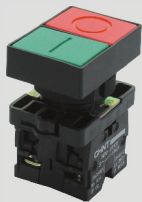
NP2-EJ21 2-position locked, NO
 NP2-EJ25 2-position locked, NO+NC
 NP2-EJ33 3-position locked, NO+NO
 NP2-EJ41 2-positions reset, NO
 NP2-EJ45 2-positions reset, NO+NC
 NP2-EJ53 3-positions reset, NO+NO



NP2-BG21 2-position locked, NO
 NP2-BG25 2-position locked, NO+NC
 NP2-BG33 3-position locked, NO+NO
 NP2-BG41 2-positions reset, NO
 NP2-BG45 2-positions reset, NO+NC
 NP2-BG53 3-positions reset, NO+NO



NP2-EG21 2-position locked, NO
 NP2-EG25 2-position locked, NO+NC
 NP2-EG33 3-position locked, NO+NO
 NP2-EG41 2-positions reset, NO
 NP2-EG45 2-positions reset, NO+NC
 NP2-EG53 3-positions reset, NO+NO



NP2-EL8325 Red+Green, NO+NC



NP2-BW3361 Green, directness, NO, 6~380V
 NP2-BW3461 Red, directness, NO, 6~380V
 NP2-BW3561 Yellow, directness, NO, 6~380V
 NP2-BW3371 Green, resistance, NO, 220V
 NP2-BW3471 Red, resistance, NO, 220V
 NP2-BW3571 Yellow, resistance, NO, 220V



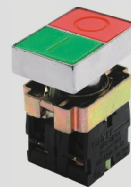
NP2-EW3361 Green, directness, NO, 6~380V
 NP2-EW3461 Red, directness, NO, 6~380V
 NP2-EW3561 Yellow, directness, NO, 6~380V
 NP2-EW3371 Green, resistance, NO, 220V
 NP2-EW3471 Red, resistance, NO, 220V
 NP2-EW3571 Yellow, resistance, NO, 220V



NP2-BW3141 White, transformer, NO, 220V
 NP2-BW3341 Green, transformer, NO, 220V
 NP2-BW3441 Red, transformer, NO, 220V
 NP2-BW3541 Yellow, transformer, NO, 220V
 NP2-BW3151 White, transformer, NO, 380V
 NP2-BW3351 Green, transformer, NO, 380V
 NP2-BW3451 Red, transformer, NO, 380V
 NP2-BW3551 Yellow, transformer, NO, 380V



NP2-EW3141 White, transformer, NO, 220V
 NP2-EW3341 Green, transformer, NO, 220V
 NP2-EW3441 Red, transformer, NO, 220V
 NP2-EW3541 Yellow, transformer, NO, 220V
 NP2-EW3151 White, transformer, NO, 380V
 NP2-EW3351 Green, transformer, NO, 380V
 NP2-EW3451 Red, transformer, NO, 380V
 NP2-EW3551 Yellow, transformer, NO, 380V



NP2-BL8325 Red+Green, NO+NC



NP2-BW8465 Directness, NO+NC, 6~380V
 NP2-BW8475 Resistance, NO+NC, 220V
 Resistance 83



NP2-EW8465 Directness, NO+NC, 6~380V
 NP2-EW8475 Resistance, NO+NC, 220V
 Resistance 83



NP2-BW8445 Transformer, NO+NC, 220V
 NP2-BW8455 Transformer, NO+NC, 380V



NP2-EW8445
NP2-EW8455

Transformer, NO+NC, 220V
Transformer, NO+NC, 380V



NP2-BV63
NP2-BV64
NP2-BV65
NP2-BV73
NP2-BV74
NP2-BV75

Directness, Green, 6~380V
Directness, Red, 6~380V
Directness, Yellow, 6~380V
Resistance, Green, 220V
Resistance, Red, 220V
Resistance, Yellow, 220V



NP2-EV63
NP2-EV64
NP2-EV65
NP2-EV73
NP2-EV74
NP2-EV75

Directness, Green, 6~380V
Directness, Red, 6~380V
Directness, Yellow, 6~380V
Resistance, Green, 220V
Resistance, Red, 220V
Resistance, Yellow, 220V



NP2-BV43
NP2-BV44
NP2-BV45
NP2-BV46
NP2-BV53
NP2-BV54
NP2-BV55
NP2-BV56

Green, transformer, 220V
Red, transformer, 220V
Yellow, transformer, 220V
Blue, transformer, 220V
Green, transformer, 380V
Red, transformer, 380V
Yellow, transformer, 380V
Blue, transformer, 380V



NP2-EV43
NP2-EV44
NP2-EV45
NP2-EV46
NP2-EV53
NP2-EV54
NP2-EV55
NP2-EV56

Green, transformer, 220V
Red, transformer, 220V
Yellow, transformer, 220V
Blue, transformer, 220V
Green, transformer, 380V
Red, transformer, 380V
Yellow, transformer, 380V
Blue, transformer, 380V



NP2-EV161
NP2-EV163
NP2-EV164
NP2-EV165
NP2-EV166

White, directness, 6~380V
Green, directness, 6~380V
Red, directness, 6~380V
Yellow, directness, 6~380V
Blue, directness, 6~380V



NP2-BE101
NP2-BE102

NO contact unit
NC contact unit



1 green flush head pushbutton
spring return NO
The cover of deep grey
The base of deep grey

NP2-B101H29	Marking on button: Start
NP2-B102	Marking on button: I
NP2-B103	Marking on button: Start



1 red flush head pushbutton
spring return NC
The cover of deep grey
The base of deep grey

NP2-B111H29	Marking on scutcheon: Stop
NP2-B112	Marking on button: ○
NP2-114	Marking on button: Stop



1 red mushroom head pushbutton,
Φ40mm, spring return NC
The cover of deep grey
The base of deep grey

NP2-B164H29	Marking on scutcheon: Emergency Stop
-------------	---



1 red mushroom pushbutton,
Φ40mm, turn to release
The cover of deep grey
The base of deep grey

NP2-B174H29	Marking on scutcheon: Emergency Stop
-------------	---



1 red mushroom pushbutton,
Φ40mm, turn to release
The yellow cover
The base of deep grey

NP2-J174



1 red mushroom pushbutton,
Φ40mm, key operated return NC
The yellow cover
The base of deep grey

NP2-J184



2 spring return flushbutton NO+NC
The cover of light grey
The base of deep grey

NP2-B213

Marking on scutcheon:



2 spring return flush pushbutton
NO+NC, Green+Red
The cover of light grey
The base of deep grey

NP2-B211H29

Marking on scutcheon:
Start, Stop

NP2-B215

Marking on scutcheon:
Start, Stop



2 spring return pushbutton
NO+NC
White+Black
The cover of light grey
The base of deep grey

NP2-B222

Marking on button:

NP2-B223

Marking on button:



3 spring return pushbutton
NO+NC+NO
Green+Red+Green
The cover of light grey
The base of deep grey

NP2-B311H29

Marking on scutcheon:
Forward, Stop, Reverse

NP2-B321H29

Marking on scutcheon:
UP, Stop, Down

NP2-B331H29

Marking on scutcheon:
UP, Stop, Left



3 spring return pushbutton
NO+NC+NO
Green+Red+Green
The cover of light grey
The base of deep grey

NP2-B341H29

Marking on scutcheon:
Open, Stop, Close

NP2-B339

Marking on button:



3 spring return pushbutton
NO+NC+NO
White+Red+Black
The cover of light grey
The base of deep grey

NP2-B324

Marking on button:

NP2-B334

Marking on button:



1 red direct indicator light
voltage <130V
2 spring return pushbutton
NO+NC
Green+Red
The cover of light grey
The base of deep grey

NP2-B361H29 Marking on scutcheon:
Start, Stop

NP2-B363 Marking on button: 

NP2-B366 Marking on button:
Start, Stop



1 red resistance indicator light
voltage <250V
2 spring return pushbutton
NO+NC
Green+Red
The cover of light grey
The base of deep grey

NP2-B371H29 Marking on scutcheon:
Start, Stop

NP2-B373 Marking on button: 

NP2-B376 Marking on button:
Start, Stop

Dimensions of control stations

