



NP9 Pushbutton

1. General

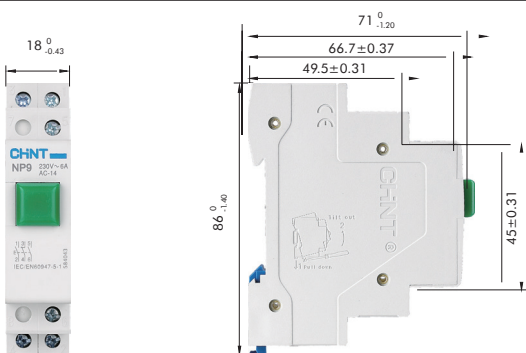
- 1.1 Electric ratings: 230V, AC50/60Hz;
- 1.2 Utilization category: AC-14;
- 1.3 Rated conventional heating current Ith: 16A;
- 1.4 Rated operational current Ie: 6A;
- 1.5 Rated insulation voltage Ui: 500V;
- 1.6 Protection grade: IP20;
- 1.7 Standard: IEC/EN 60947-5-1;



RoHS

REACH

4. Overall and mounting dimensions (mm)



2. Operating conditions

- 2.1 Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, average temperature in 24 hours not exceed $+35^{\circ}\text{C}$;
- 2.2 Altitude: $\leq 2000\text{m}$;
- 2.3 Air conditions:
At mounting site, relative humidity not exceed 50% at the max temperature of $+40^{\circ}\text{C}$, higher relative humidity is allowable under lower temperature. For example, RH could be 90% at $+20^{\circ}\text{C}$. Special measures should be taken to occurrence of dews;
- 2.4 Mounting category: II, III ;
- 2.5 Pollution grade: II ;
- 2.6 Mounting mode: TH35-7.5 standard rail, inclination between mounting and vertical plane not exceed 5° .

3. Technical data

- 3.1 Life (operations):
 - a. Electric life : 100,000
 - b. Mechanical life : 250,000
- 3.2 Assembly of contact: 1NO,2NO,3NO,4NO,1NO+1NC,1NO+2NC,2NO+1NC,2NO+2NC,3NO+1NC, (Not available for illuminated type)
- 3.3 Technical data of signal lamp
 - a. Rated operational voltage: AC/DC6.3V, AC/DC12V, AC/DC24V, AC/DC110V, AC/DC230V
 - b. Rated operational current: $\leq 20\text{mA}$
- 3.4 Life: LED $\geq 30000\text{h}$
- 3.5 Weight(kg) :0.07

NP9	2	1	D3	/2	WITH	6.3V	Red
Product type	NO	NC	Light	Color	Light	Indicator voltage	Color of button and light
NP9	2	1	Default: Without light D3: With light	/1: Green /2: Red	WITHOUT: Without light WITH: With light	6.3V 12V 24V 110V 230V	Red GRN

Diagram	Ie(A)	Ith(A)	Ui(V)	Ue(V)	Indicator voltage(V)	Indication light	Description	Code
	6	16	500	AC/DC230	/	N	NP9-01/2(WITHOUT 1NC red)	584057
	6	16	500	AC/DC230	/	N	NP9-10/1(WITHOUT 1NO GRN)	584052
	6	16	500	AC/DC230	/	N	NP9-11/1(WITHOUT 1NO+1NC GRN)	584067
	6	16	500	AC/DC230	/	N	NP9-11/2(WITHOUT 1NO+1NC red)	584068
	6	16	500	AC/DC230	/	N	NP9-20/1(WITHOUT 2NO GRN)	584063
	6	16	500	AC/DC230	/	N	NP9-12/1(WITHOUT GRN)	584044
	6	16	500	AC/DC230	/	N	NP9-12/2(WITHOUT red)	584041
	6	16	500	AC/DC230	/	N	NP9-21/1(WITHOUT GRN)	584043
	6	16	500	AC/DC230	/	N	NP9-21/2(WITHOUT red)	584040
	6	16	500	AC/DC230	/	N	NP9-30/1(WITHOUT GRN)	584042
	6	16	500	AC/DC230	/	N	NP9-30/2(WITHOUT red)	584039
	6	16	500	AC/DC230	/	N	NP9-22/1(WITHOUT GRN)	584074
	6	16	500	AC/DC230	/	N	NP9-22/2(WITHOUT red)	584105
	6	16	500	AC/DC230	/	N	NP9-31/1(WITHOUT 3NO+1NC GRN)	584073
	6	16	500	AC/DC230	/	N	NP9-40/1(WITHOUT 4NO GRN)	584071
	6	16	500	AC/DC230	AC/DC230	Y	NP9-10D3/1(WITH 230V 1NO GRN)	584054

Diagram	Ie(A)	Ith(A)	Ui(V)	Ue(V)	Indicator voltage(V)	Indication light	Description	Code
	6	16	500	AC/DC230	AC/DC230	Y	NP9-11D3/1(WITH 230V 1NO+1NCGRN)	584069
	6	16	500	AC/DC230	AC/DC230	Y	NP9-11D3/2(WITH 230V 1NO+1NC red)	584070
	6	16	500	AC/DC230	AC/DC230	Y	NP9-20D3/1(WITH 230V 2NO GRN)	584065
	6	16	500	AC/DC230	AC/DC110	Y	NP9-12D3/1(WITH 110V GRN)	584086
	6	16	500	AC/DC230	AC/DC110	Y	NP9-12D3/2(WITH 110V red)	584083
	6	16	500	AC/DC230	AC/DC12	Y	NP9-12D3/1(WITH 12V GRN)	584098
	6	16	500	AC/DC230	AC/DC12	Y	NP9-12D3/2(WITH 12V red)	584095
	6	16	500	AC/DC230	AC/DC230	Y	NP9-12D3/1(WITH 230V GRN)	584075
	6	16	500	AC/DC230	AC/DC230	Y	NP9-12D3/2(WITH 230V red)	584047
	6	16	500	AC/DC230	AC/DC24	Y	NP9-12D3/1(WITH 24V GRN)	584092
	6	16	500	AC/DC230	AC/DC24	Y	NP9-12D3/2(WITH 24V red)	584089
	6	16	500	AC/DC230	AC/DC6.3	Y	NP9-12D3/1(WITH 6.3V GRN)	584104
	6	16	500	AC/DC230	AC/DC6.3	Y	NP9-12D3/2(WITH 6.3V red)	584101
	6	16	500	AC/DC230	AC/DC110	Y	NP9-21D3/1(WITH 110V GRN)	584085
	6	16	500	AC/DC230	AC/DC110	Y	NP9-21D3/2(WITH 110V red)	584082
	6	16	500	AC/DC230	AC/DC12	Y	NP9-21D3/1(WITH 12V GRN)	584097
	6	16	500	AC/DC230	AC/DC12	Y	NP9-21D3/2(WITH 12V red)	584094
	6	16	500	AC/DC230	AC/DC230	Y	NP9-21D3/1(WITH 230V GRN)	584077
	6	16	500	AC/DC230	AC/DC230	Y	NP9-21D3/2(WITH 230V red)	584046
	6	16	500	AC/DC230	AC/DC24	Y	NP9-21D3/1(WITH 24V GRN)	584091
	6	16	500	AC/DC230	AC/DC24	Y	NP9-21D3/2(WITH 24V red)	584088
	6	16	500	AC/DC230	AC/DC6.3	Y	NP9-21D3/1(WITH 6.3V GRN)	584103
	6	16	500	AC/DC230	AC/DC6.3	Y	NP9-21D3/2(WITH 6.3V red)	584100
	6	16	500	AC/DC230	AC/DC110	Y	NP9-30D3/1(WITH 110V GRN)	584084
	6	16	500	AC/DC230	AC/DC110	Y	NP9-30D3/2(WITH 110V red)	584081
	6	16	500	AC/DC230	AC/DC12	Y	NP9-30D3/1(WITH 12V GRN)	584096
	6	16	500	AC/DC230	AC/DC12	Y	NP9-30D3/2(WITH 12V red)	584093
	6	16	500	AC/DC230	AC/DC230	Y	NP9-30D3/1(WITH 230V 3NO GRN)	584048
	6	16	500	AC/DC230	AC/DC230	Y	NP9-30D3/1(WITH 230V GRN)	584079
	6	16	500	AC/DC230	AC/DC230	Y	NP9-30D3/2(WITH 230V red)	584045
	6	16	500	AC/DC230	AC/DC24	Y	NP9-30D3/1(WITH 24V GRN)	584090
	6	16	500	AC/DC230	AC/DC24	Y	NP9-30D3/2(WITH 24V red)	584087
	6	16	500	AC/DC230	AC/DC6.3	Y	NP9-30D3/1(WITH 6.3V GRN)	584102
	6	16	500	AC/DC230	AC/DC6.3	Y	NP9-30D3/2(WITH 6.3V red)	584099