

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 Rated impulse withstand voltage Uimp: 5000 V;
- 1.7 Protection grade: IP20;
- 1.8 Standard: IEC/EN 60947-5-1;

2. Normal Operational and Mounting 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 : 100×10^3
 - b. Mechanical life : 250×10^3
- 3.3 Assembly of contact: 1NC+2NO, 2NC+1NO, 3NO, 2NC+2NO(Not available for illuminated type)
- 3.4 Technical data of signal lamp
 - a. Rated operational voltage: AC/DC6.3V, AC/DC12V, AC/DC24V, AC/DC110V, AC/DC230V
 - b. Rated operational current: $\leq 20\text{mA}$
- 3.5 Life: incandescence lamp $\geq 1000\text{h}$, neon lamp $\geq 2000\text{h}$, LED $\geq 30000\text{h}$

★ Illuminated type pushbutton

Operational voltage (V)	Current (A)	Indicator light type	Number of contact	Color	CTN	Order Code	
						Standard	RoHS
AC230	≤6	LED/230V	3NO, 0NC	Red	180	153020	-
AC230	≤6	LED/230V	2NO, 1NC	Red	180	153021	-
AC230	≤6	LED/230V	1NO, 2NC	Red	180	153022	-
AC230	≤6	LED/230V	3NO, 0NC	Green	180	153023	-
AC230	≤6	LED/230V	2NO, 1NC	Green	180	153024	-
AC230	≤6	LED/230V	1NO, 2NC	Green	180	153025	-
AC230	≤6	LED/110V	3NO, 0NC	Red	180	153026	-
AC230	≤6	LED/110V	2NO, 1NC	Red	180	153027	-
AC230	≤6	LED/110V	1NO, 2NC	Red	180	153028	-
AC230	≤6	LED/110V	3NO, 0NC	Green	180	153029	-
AC230	≤6	LED/110V	2NO, 1NC	Green	180	153030	-
AC230	≤6	LED/110V	1NO, 2NC	Green	180	153031	-
AC230	≤6	LED/24V	3NO, 0NC	Red	180	153032	-
AC230	≤6	LED/24V	2NO, 1NC	Red	180	153033	-
AC230	≤6	LED/24V	1NO, 2NC	Red	180	153034	-
AC230	≤6	LED/24V	3NO, 0NC	Green	180	153035	-
AC230	≤6	LED/24V	2NO, 1NC	Green	180	153036	-
AC230	≤6	LED/24V	1NO, 2NC	Green	180	153037	-
AC230	≤6	LED/12V	3NO, 0NC	Red	180	153038	-
AC230	≤6	LED/12V	2NO, 1NC	Red	180	153039	-
AC230	≤6	LED/12V	1NO, 2NC	Red	180	153040	-
AC230	≤6	LED/12V	3NO, 0NC	Green	180	153041	-
AC230	≤6	LED/12V	2NO, 1NC	Green	180	153042	-
AC230	≤6	LED/12V	1NO, 2NC	Green	180	153043	-
AC230	≤6	LED/6.3V	3NO, 0NC	Red	180	153044	-
AC230	≤6	LED/6.3V	2NO, 1NC	Red	180	153045	-
AC230	≤6	LED/6.3V	1NO, 2NC	Red	180	153046	-
AC230	≤6	LED/6.3V	3NO, 0NC	Green	180	153047	-
AC230	≤6	LED/6.3V	2NO, 1NC	Green	180	153048	-
AC230	≤6	LED/6.3V	1NO, 2NC	Green	180	153049	-

★ Non-illuminated type

Operational voltage (V)	Current (A)	Indicator light type	Number of contact	Color	CTN	Order Code	
						Standard	RoHS
AC230	≤6	-	3NO, 0NC	Red	180	153050	-
AC230	≤6	-	2NO, 1NC	Red	180	153051	-
AC230	≤6	-	1NO, 2NC	Red	180	153052	-
AC230	≤6	-	2NO, 2NC	Red	180	153053	-
AC230	≤6	-	3NO, 0NC	Green	180	153054	-
AC230	≤6	-	2NO, 1NC	Green	180	153055	-
AC230	≤6	-	1NO, 2NC	Green	180	153056	-
AC230	≤6	-	2NO, 2NC	Green	180	153057	-

4. Overall and Mounting Dimensions (mm)

Overall and Mounting Dimensions

