

PRODUCT INTRODUCTION

The NQDP2DR button and light is applicable to AC 50Hz/60Hz circuit control systems with a rated voltage of up to AC/DC 230V. It is used for the control of electrical circuits such as magnetic starters and contactors. The button with a light is also applicable to places where various light signal indications are required.

The product compliant with GB/T 14048.5 and IEC 60947.5.1 standard

PARAMETERS

Product Model	NQDP2DR	
Type	Button	Light
Electrical Characteristics		
Rated Current Ie	6A	20mA
Rated Voltage Ue (V)	0.1-230	6.3/12/24/110/230
Agreed Heating Current	16A	
Contact Combination Model	1NO2NC, 2NO1NC, 2NO2NC, 3NO	-
Use Category	AC-14	
Mechanical Characteristics		
Electrical Service Life (Times)	100000	
Machanical Service Life (Times)	250000	
Working Life	-	≥ 30000h
Reference Ambient Temperature	30℃	
Operating Ambient Temperature	- 10℃ - + 40℃	
Storage Temperature	- 40℃ - + 85℃	
Installation Characteristics		
Connecting Wire	≤ 6mm <sup>2</sup>	
Terminal	Tunnel - type Terminal	
Maximum Torque (N.m)	0.8	
Installation	Standard DIN rail (35mm width), Panel bracket installation	

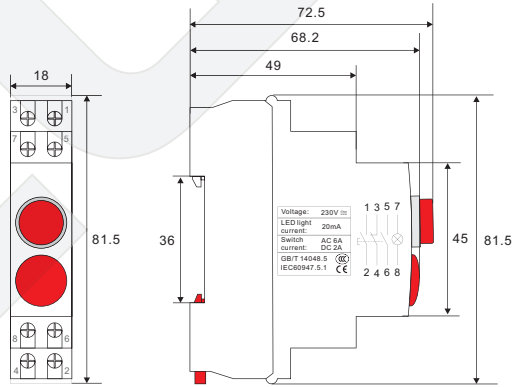
STRUCTURAL FEATURES

It is a flat - placed, direct - acting double - break structure, composed of an insulating shell, a partition, a contact head, a button, a contact bridge, a contact support, a contact plate, a terminal block, an operation button and other components. The contact bridge and contact spring of the button are fixed on the contact support. The contact support and the operation button are connected together. The operation button pushes the contact support under external force to conduct and break the circuit. The indicator light, as an independent circuit, has two terminal posts installed on both sides of the shell to indicate the working state of the circuit.

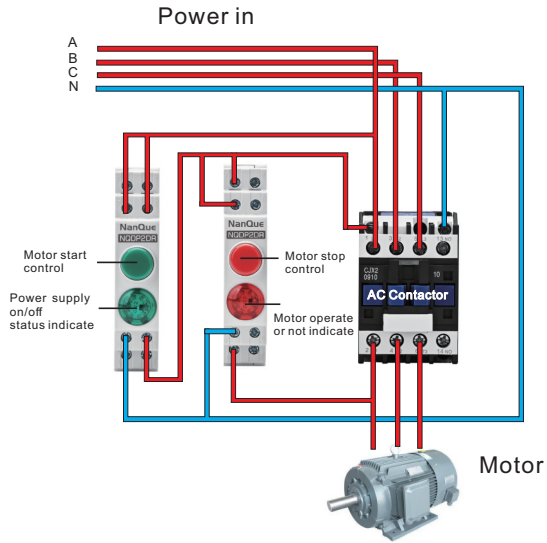
TYPES



SIZE (UNIT: MM)



WIRING METHOD



PRECAUTIONS AND WARNING

1. During installation, wiring should be carried out in accordance with the wiring diagram on the shifter label.
2. When installing the button, check whether the rated voltage of the indicator light loop wiring and the alarm signal light meets the requirements for use.
3. For the wiring of the belt lamp, it should be tightly fastened without loosening or falling off. Or the copper wire is exposed at the terminal end.
4. Before power - on, manually operate the button several times. It should be flexible and reliable without jamming.
5. During use, storage, transportation and other processes, the button must not be wetted by rainwater.