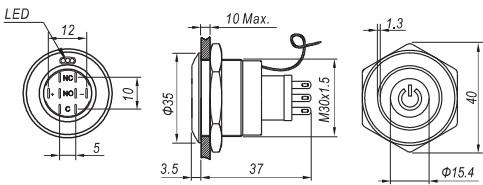


Contact Structure ☐ 11: 1NO1NC / 22: 2NO2NC
Operation type ☒ Z: Latching / No letter means momentary
Color ☒ R G Y B W
Voltage ▲ 6V/12V/24V
Housing Material S: Stainless steel
Protection class IP65(IP67 can be customized),IK09
Applicable accessories Solder socket S04 / PCB socket S05



Description of MR-3Q30 illuminated button luminous device

1 Two color lights can be customized for the middle pattern part; You can also customize various luminous words and patterns.
2 There are six light sources in the annular lamp section, which generally support up to two colors, pattern and annularFully independent with lamp, dual color with lamp can be realized with pattern with lamp, and between three states without lampTwo monochrome lamps can be realized by switching the annular band lamp, the dual color lamp is on at the same time, and the four lamps are not equippedSwitching between two states. Combination indicates multiple signal states, except for the switching of dual color strip lightsIn addition to two DC power supplies, switching of other states can be realized through one power supply.
3 Built in protective resistor, no external connection is required.

Display of nine commonly used luminous effects

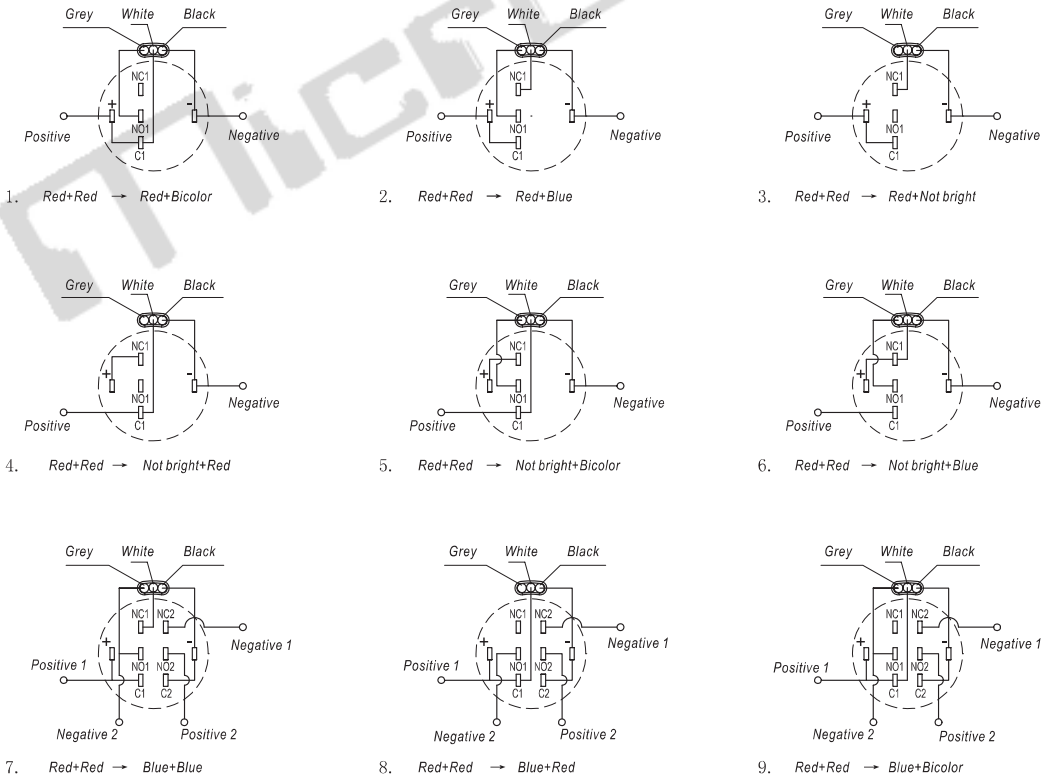
The wiring method is as follows



Effect before switching

Effect after switching

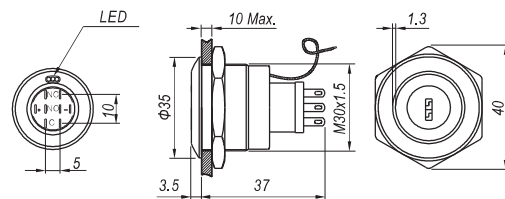
Common wiring methods in the display of luminous effects (the sequence is shown in the left figure from left to right, from top to bottom):



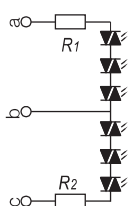
Note: 7 8 9 Two DC power supplies shall be provided for the switching of bicolor lights in three states and patterns.

PART NUMBERS ON THIS DRAWING MR-LAS1-AGQ30-C MR-LAS1-AGQ30-Y			
30 MM SNAP-ACTION METAL PUSH BUTTON MR-LAS1-AGQ30 SERIES		Micro-Ray	
PART NO	MR-LAS1-AGQ30		
DWG NO	MR-LAS1-AGQ30	SHEET 1 OF 2	REV A
UNITS: mm	SCALE: NTS - DO NOT SCALE	SIZE A4	DATE 2026-09-22

Contact Structure □	11: 1N01NC / 22: 2N02NC
Operating position ◆ ●	 
Color △	R G Y B W
Voltage ▲	6V/12V/24V
Housing Material ◎	Stainless steel
Protection class	IP40 (IP65 can be customized), IK09
Applicable accessories	Solder socket S04 / PCB socket S05



Description of built-in luminous device



- ④ Built in protective resistor, no external connection is required.
- ④ Various color light emitting chips can be built in.
- ④ It can achieve the indication form of multiple colors interlaced and lit at the same time, which is beautiful and unique.
- ④ Multiple signal indications can be achieved through the direct or indirect control of the opening and closing states of various contacts of the key switch.

	Switch type Action position	90° 2 position		45° 3 position	
		1NO1NC	2NO2NC	2NO2NC	
Knob, key button working position contact status					

MR-LAS1-AGQ30-C MR-LAS1-AGQ30-Y

MR-LAS1-AGO30 SERIES

MR-LAS1-AGQ30

MR-LAS1-AGQ30

SCALE: NTS - DO NOT SCALE

Micro-Ray

2 OF 2

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A4

2026-09-22