

ONPOW62 Series

- Mounting hole diameter: $\Phi 19, \Phi 22$
- Switch characteristics: slow-action / single-throw
- Product features: Thickened silver contacts, larger silver-plated pins.
Switch rating up to 20A/220VAC.
- Protection grade: IP40/IP67.



ONPOW62 Series model description

ONPOW62☆-□■◇/◆/▲/▲/◎/※

Symbol	Symbol name	Specify
☆	Panel cutout dimension	19: $\Phi 19\text{mm}$ / $\Phi 22\text{mm}$
	Contact structure	10: 1NO
	Operation type	Z: Latching / No letter means Momentary
◇	Lamp type	E: ○ Ring / ET: Ⓞ Ring+ power sign / No letter means without lamp
◆	Connect type	J: Pin terminal
	Lamp color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
	Lamp voltage	6V / 12~24V/ 110V ,220V external resistance required
	Shell material	S: stainless steel
	IP Degree	No letter means IP40 / FP: IP67

Note: please carefully read the specific description of the product and select the corresponding code in the table according to different symbols.

Performance Characteristic

Operating temperature	-25 ~ + 55 (no freezing) keep the air flowing around illuminated push button
Operation Humidity	45~85%RH (no condensation)
Contact Resistor	50m Ω
Insulation Resistor	100M Ω (500VDC)
Maximum withstand voltage	1500V,50Hz AC, 1min
Solder Heat Resistance	320 , 3 seconds
Switch rating	AC-15: 5A 220VAC AC-12: 20A/220VAC
Mechanical Life	1000K cycles
Electrical Life	50K cycles
Base material	PA
Nut torque	about 0.6Nm
Operation Pressure	around 6N
Operation Travel	around 3.5mm
Protecting level	IP65(IP67 can be made),IK07

Switching Operation

Type	Diagram	Sign
X		

Note: Using two terminals for double-break point slow-acting contact switches

Lamp ratings

LED Life	Rated Current	Voltage fluctuation	Lamp Circuit Diagram
40000hours	15mA	DC: $\pm 10\%$ AC: 20%	 24V, Use inner protection resistors and no positive or negative distinction.

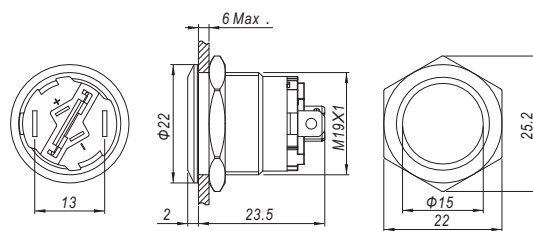
Terminal Description

	+/- are lamp terminals, the standard LED, have no difference of anode and cathode, lamp and switch are relatively independent and can use switch or peripheral circuit to control the lamp state
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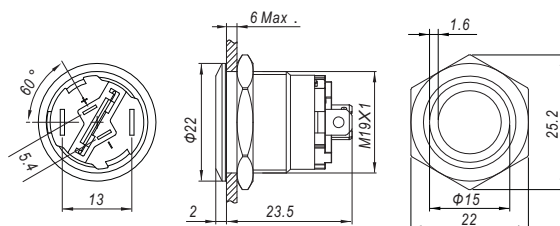
ONPOW6219F-10 ■ /J/S/※

Contact structure 1NO
 Operation type Z: Latching / No letter means momentary
 Shell material Stainless steel
 Tail configuration Terminal pins(4.8*0.8mm)
 IP degree No letter means IP40 / FP: IP67
 Applicable accessory M12-19F Sealing cover / T21-19 Protective cover



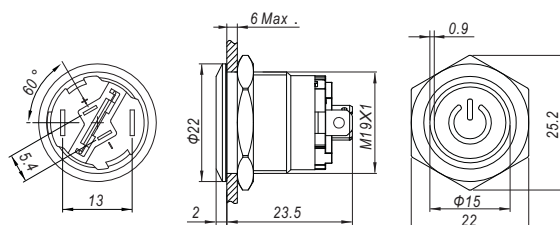
ONPOW6219F-10 ■ E/J/△/▲/S/※

Contact structure 1NO
 Operation type Z: Latching / No letter means momentary
 Lamp color R G Y B W
 Lamp voltage ▲ 6V/12V~24V/110V/220V
 Shell material Stainless steel
 Tail configuration Terminal pins(4.8*0.8mm)
 LED pins(2.8*0.8mm)
 IP degree No letter means IP40 / FP: IP67
 Applicable accessory M12-19F Sealing cover / T21-19 Protective cover



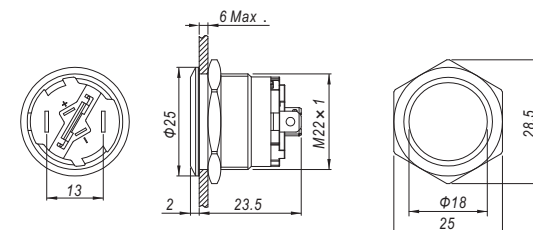
ONPOW6219F-10 ■ E/T/J/△/▲/S/※

Contact structure 1NO
 Operation type Z: Latching / No letter means momentary
 Lamp color R G Y B W
 Lamp voltage ▲ 6V/12V~24V/110V/220V
 Shell material Stainless steel
 Tail configuration Terminal pins(4.8*0.8mm)
 LED pins(2.8*0.8mm)
 IP degree No letter means IP40 / FP: IP67
 Applicable accessory M12-19F Sealing cover / T21-19 Protective cover



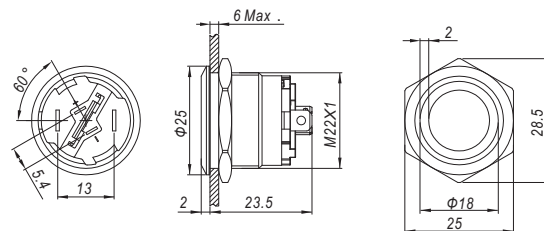
ONPOW6222F-10 ■ /J/S/※

Contact structure 1NO
 Operation type Z: Latching / No letter means momentary
 Shell material Stainless steel
 Tail configuration Terminal pins(4.8*0.8mm)
 IP degree No letter means IP40 / FP: IP67
 Applicable accessory M12-22F Sealing cover / T21-22 Protective cover



ONPOW6222F-10 ■ E/J/△/▲/S/※

Contact structure 1NO
 Operation type Z: Latching / No letter means momentary
 Lamp color R G Y B W
 Lamp voltage ▲ 6V/12V~24V/110V/220V
 Shell material Stainless steel
 Tail configuration Terminal pins(4.8*0.8mm)
 LED pins(2.8*0.8mm)
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