

ONPOW63 Series Emergency Stop Switch

- The installation aperture is Ø16 / 19 / 22mm
- The switch is "slow motion | single pole single throw (1NO)"
- The product is suitable for users with insufficient rear space



Crown-Shaped Metal Emergency Stop Switch

This product adopts a fully sealed design, with both the head and tail tightly sealed.

It is impervious to harsh environments, boasting excellent waterproof and dustproof performance, and can be used stably under severe conditions.



ONPOW63 series model description

ONPOW63☆-□■/△/▲/◎/※

Symbol	Symbol name	Specify
☆	Panel cutout dimension	16: Ø16mm / 19: Ø19mm / 22: Ø22mm
□	Contact structure	10: 1NO / No letter means indicator
■	Operation type	TS: Emergency stop button
◆	Wiring type	J: Terminal plug
△	Lamp color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	Lamp voltage	6V / 12V / 24V / 110V / 220V, other voltage levels can be customized
◎	Crust material	S: Stainless steel / A: Al alloy (Black) / PA: Nylon shell
※	Protection degree	No letter means IP65 / FP: IP67

Note: Tri-color light model reference details page.

Performance characteristic

Operating temperature	-25℃~+55℃(No freezing), keep the air flowing around	Operating humidity	45~85%RH(Non condensing)
Initial contact resistance	≤50m Ω	Insulation resistance	≥1000M Ω (500VDC)
Power frequency withstand voltage	1500V(AC 50Hz), 1min	Vibration resistance	5~50Hz, Amplitude 1.2mm
Resistant to soldering heat	320℃, 3s	Switch rating	3A/220VAC
Mechanical life	200,000 cycles	Electrical life	≥50000 cycles
Base material	PA	Terminal type	Wiring plug(2×0.5mm/2.8×0.5mm)
Torque	0.3~1N·m	Operating force	2.5~4N
Operating travel	About 2.4mm	Front panel protection degree	IP65 (IP67 customizable), IK07

Switch structure

Type	Schematic diagram	Symbol
X		

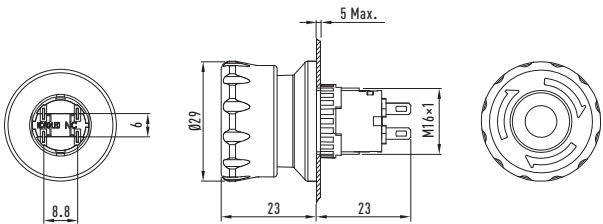
Lamp specifications

LED Life	Current	Voltage fluctuation range	Circuit diagram
≥40000h	<20mA	DC: ±10% AC: ±20%	

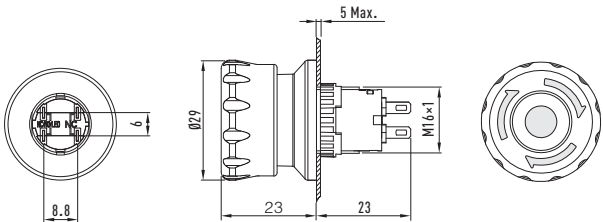
Note: 1. The lamp beads and switches are relatively independent;
2. No positive or negative polarity distinction in wiring.



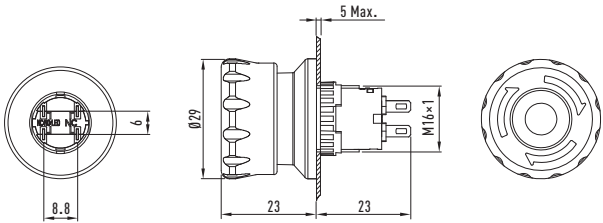
Contact structure	1NC / 2NC / 1NO1NC
Crust material	PA
Protection degree	IP65
Appendix	S10-1650



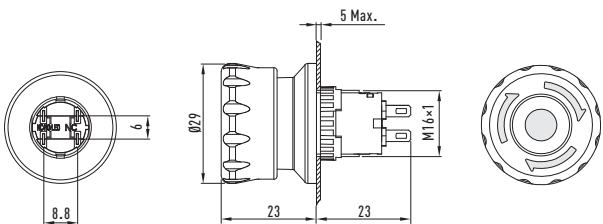
Contact structure	1NC
Lamp color	R G Y B W
Lamp voltage	6V / 12V / 24V
Crust material	PA
Protection degree	IP65
Appendix	S10-1650



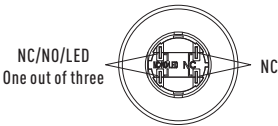
Contact structure	1NC / 2NC / 1NO1NC
Crust material	Al alloy
Protection degree	IP65
Appendix	S10-1650



Contact structure	1NC
Lamp color	R G Y B W
Lamp voltage	6V / 12V / 24V
Crust material	Al alloy
Protection degree	IP65
Appendix	S10-1650



Pin description

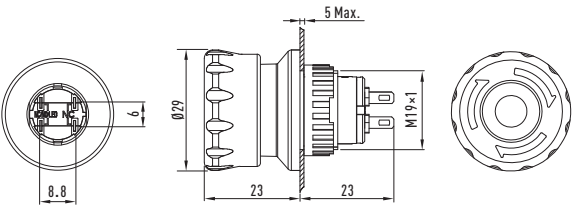


The emergency stop button defaults to a set of normally closed switches, and the other two pins can be selected as NC, NO, or LED.

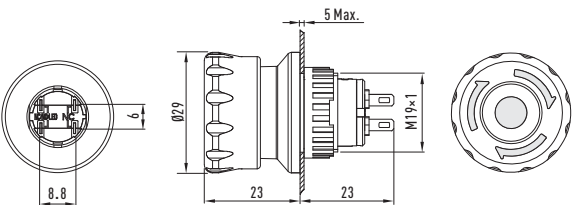




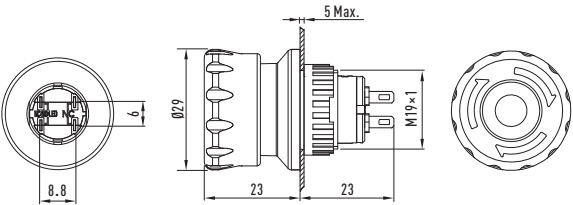
Contact structure 1NC / 2NC / 1NO1NC
Crust material PA
Protection degree IP65
Appendix S10-1950



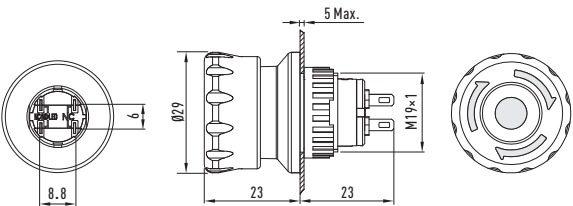
Contact structure 1NC
Lamp color R G Y B W
Lamp voltage 6V / 12V / 24V
Crust material PA
Protection degree IP65
Appendix S10-1950



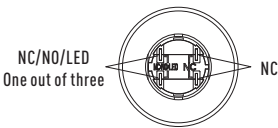
Contact structure 1NC / 2NC / 1NO1NC
Crust material Al alloy
Protection degree IP65
Appendix S10-1950



Contact structure 1NC
Lamp color R G Y B W
Lamp voltage 6V / 12V / 24V
Crust material Al alloy
Protection degree IP65
Appendix S10-1950



Pin description

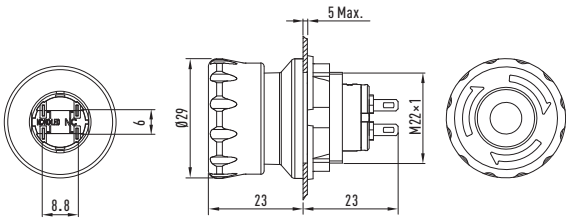


The emergency stop button defaults to a set of normally closed switches, and the other two pins can be selected as NC, NO, or LED.

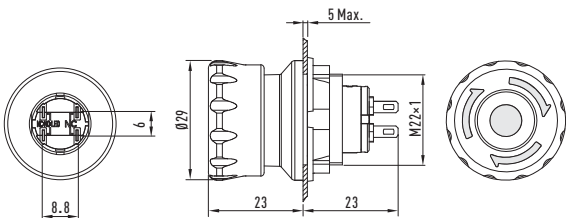




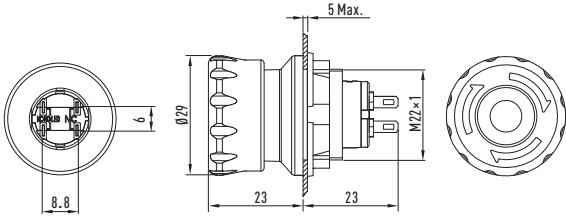
Contact structure	1NC / 2NC / 1NO1NC
Crust material	PA
Protection degree	IP65
Appendix	S10-2250/T16



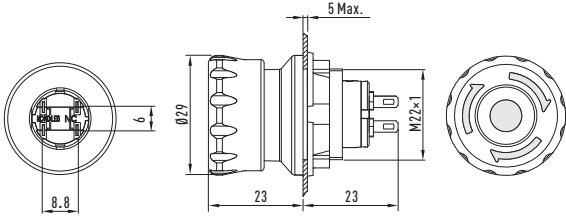
Contact structure	1NC
Lamp color	R G Y B W
Lamp voltage	6V / 12V / 24V
Crust material	PA
Protection degree	IP65
Appendix	S10-2250/T16



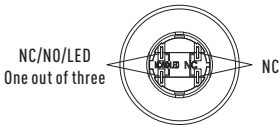
Contact structure	1NC / 2NC / 1NO1NC
Crust material	Al alloy
Protection degree	IP65
Appendix	S10-2250/T16



Contact structure	1NC
Lamp color	R G Y B W
Lamp voltage	6V / 12V / 24V
Crust material	Al alloy
Protection degree	IP65
Appendix	S10-2250/T16



Pin description



The emergency stop button defaults to a set of normally closed switches, and the other two pins can be selected as NC, NO, or LED.

