



ENGLISH

Datasheet

RS PRO 19mm Metal Pushbutton Switches 24V, Red LED



RS Article No.	Body type	Button type	Contact Configuration	Operating type	Light type	LED color	LED voltage	Terminal Plating
111-5819	Stainless	Flat	2NO 2NC	Momentary	Power logo	Red	110V	Silver
111-5830	Stainless	Flat	2NO 2NC	Momentary	Power logo	Red	220V	Silver
111-5805	Stainless	Flat	2NO 2NC	Lock	Power logo	Red	12V	Silver



SPECIFICATIONS:

Rating: 1th 5A/250VAC resistive load 3A/250VAC

Contact Resistance: 50mΩ max. @1A 12VDC (initial value)

Insulation Resistance: 1,000mΩ min. at 500VDC

Dielectric Strength: 2,000V RMS @sea level

Operation Temperature: -20°C to 55°C

Mechanical Life: 1,000,000 cycles; self-lock 500,000 cycles.

Electrical Life: 50,000 make-and-break cycles at full load

Torque: 5~14Nm

Panel Thickness: 10mm (Ø19.20mm)

Operation Pressure: 1Pole 2.5±1N / 2Poles 3.5±1N

Travel: about 3.2mm

Ingress Protection: IP67, IK10

Materials

Bushing: Stainless Steel/ Nickel plated brass/ Aluminum alloy

Base: PBT (UL 94-V0), PC (UL 94-V2)

Actuator: PC (UL94-V2); Stainless Steel/ Nickel plated brass/ Aluminum alloy

Inner Assembly: POM/PA66

SPRING: Spring steel

Sealing: Silicone

O-Ring: Silicone

Terminal/ Contact: Cooper, Silver plated

Hex Nut: Nickel plated brass