



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
111-5809	Stainless	Flat	1NO 1NC	Momentary	Ring (Movable)	Yellow	110V	Silver
111-5777	Stainless	Flat	1NO 1NC	Momentary	Ring (Movable)	Yellow	12V	Silver
111-3769	Stainless	Flat	1NO 1NC	Momentary	Ring (Movable)	Yellow	24V	Silver
111-5778	Stainless	Flat	1NO 1NC	Lock	Ring (Movable)	Yellow	12V	Silver
111-3770	Stainless	Flat	1NO 1NC	Lock	Ring (Movable)	Yellow	24V	Silver
111-5796	Stainless	Flat	1NO 1NC	Momentary	Ring (fixed)	Yellow	12V	Silver

111-3880	Stainless	Flat	1NO 1NC	Momentary	Ring (fixed)	Yellow	24V	Silver
111-5797	Stainless	Flat	1NO 1NC	Lock	Ring (fixed)	Yellow	12V	Silver
111-3881	Stainless	Flat	1NO 1NC	Lock	Ring (fixed)	Yellow	24V	Silver



IP 67
 ACCORDING TO
 EN 60529:1991+A1:2001
 IEC 60529:2001



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

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