



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
111-5786	Stainless	Flat	2NO 2NC	Momentary	Ring (Movable)	Blue	12V	Silver
111-3775	Stainless	Flat	2NO 2NC	Momentary	Ring (Movable)	Blue	24V	Silver
111-5811	Stainless	Flat	2NO 2NC	Lock	Ring (Movable)	Blue	110V	Silver
111-5785	Stainless	Flat	2NO 2NC	Lock	Ring (Movable)	Blue	12V	Silver
111-5824	Stainless	Flat	2NO 2NC	Lock	Ring (Movable)	Blue	220V	Silver
111-5801	Stainless	Flat	2NO 2NC	Momentary	Ring (fixed)	Blue	12V	Silver

111-3781	Stainless	Flat	2NO 2NC	Momentary	Ring (fixed)	Blue	24V	Silver
111-5813	Stainless	Flat	2NO 2NC	Lock	Ring (fixed)	Blue	110V	Silver
111-5828	Stainless	Flat	2NO 2NC	Lock	Ring (fixed)	Blue	220V	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

25/04/2016