



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 |
|----------------|-----------|-------------|-----------------------|----------------|------------|-----------|-------------|------------------|
| 111-5803       | Stainless | Flat        | 2NO 2NC               | Lock           | Power Logo | Blue      | 12V         | Silver           |



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



## SPECIFICATIONS:

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**Rating:** lth 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