



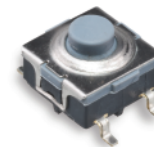
PWR Series Power Pushbutton

Features/Benefits

- Movable contact with redundant high power contact points to form a momentary, SPST, double break switch
- Rubber actuator provides sealing and tactile feel.
- Small SMT packaging allows applications to integrate power and signal switch on same PCB
- RoHS compliant and compatible
- IP65

Typical Applications

- Computers and peripherals
- Automotive power function
- White goods and appliances
- Industrial power applications



Specifications

OPERATING FORCE: 7N typical.
OPERATING LIFE: 25,000 cycles for the two VAC ratings;
100,000 cycles for the two DC ratings.
CONTACT RATING: 2A @ 125 VAC / 1A @ 250 VAC /
5A @ 12 VDC / 1A @ 24 VDC.
CONTACT RESISTANCE: 100mΩ max. initial.
DIELECTRIC STRENGTH: 1500 VRMS min.
INSULATION RESISTANCE: 100 Mega-ohms min.
BOUNCE TIME: 20 milliseconds max.
OPERATING TEMPERATURE: -40°C to 85°C

Materials

MOVABLE CONTACTS: Silver alloy.
FIXED CONTACTS/TERMINALS: Silver alloy / Tin over brass.
BASE: PPS.
FRAME: Stainless steel.
ACTUATOR: Silicone rubber.

Packaging

In reels of 425 pieces.
Dimensions of reels according to EIA RS481 or IEC 60286-3.
External diameter 330 mm ± 2 mm.

NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, please contact Customer Service.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box.

Designation **PWR** Power pushbutton

Actuation Force **70** 7N

Contact Rating **Q1** 2A @125 VAC/ 1A @ 250VAC /
5A @12 VDC / 1A @ 24 VDC

Termination **S** SMT

Packaging **NONE** Standard, tray
R Tape & reel

1 3
2 4

Present Schematic

1 3
2 4

Future Schematic

SWITCH STATE	DIM A
Free position	8.7
Operate position	7.7
Max travel	7.1

PADS MAY BE CONNECTED BELOW SOLDER MASK