



Harsh Environment Connectivity Solutions



Momentary Sealed Button Switch

Sealed button switches are rated for up to IP68 NEMA 250. Rated for 250mA, 30W max, AC non-inductive load. RoHS compliant. Ideal for applications spanning from communications equipment, medical equipment and instrumentation.

Mechanical Specifications

Life: 20,000 actuation cycles with 48VDC, 0.25amps (50 mÎ© max)
20,000 actuation cycles with 125VAC, 0.25amps (50 mÎ© max)
Conductor Sizes: 16-26 AWG
Operating Forces: Actuation Force: 2lb. minimum
Button Travel: 0.125â€

Electrical Specifications

Voltage Rating: 48 VDC
125 VAC RMS
Current Rating: 0.25amps with 16-26 AWG wiring
Insulation Resistance: 1000 MÎ© minimum
Contact Resistance: 20 mÎ© maximum initial
Dielectric Withstanding Voltage: 500 VAC (RMS)
Capacitance: < 1 pF between contacts, typical
< 1 pF between contacts and housing, typical

Environmental Specifications

Moisture Resistance: Mil-Std 202G Method 106G
Thermal Shock: Mil-Std 202G Method 107G
Salt Atmosphere (Corrosion): Mil-Std 202G Method 101E
Weathertight Ratings: IP68, NEMA 250

Material Specifications

Body and Trim: Copper Alloy, Nickel Plated
Pushbutton: Thermoplastic, Black
Button Seal: Thermoplastic Rubber, Black

Insulators:	Rigid Plastic
Springs:	Integral Contacts, Plated
Solder Terminals:	Copper Alloy, Silver Plated
Mounting Nut:	Copper Alloy, Nickel Plated
Mounting Washer:	Steel, Nickel Plated