

ILLUMINATED SWITCHES

SBR

Maximum reliability and durability, Ideal for use in rough environments.

IP68 Dust and water resistant, Sea-water and detergent resistance.

No moving part, maintenance free.

Wide range of materials, colors, shapes and illumination

Tested according to MIL standards

Electrical Data

Switching Voltage max. [VAC/DC] 24

Switching Current [mA] 200 - 500

Breaking Capacity max. [W] 1

Lifetime (at Rated Breaking Capacity) [Mio.] 50

Insulation Resistance (OFF = not actuated)[MΩ] > 10

Initial Contact Resistance (ON = actuated)[Ω] < 20

Capacity [pF] 30

N.O. Closing Impulse Duration (depending on actuating force, time, speed) [ms] 20 - 350

Contact Configuration free polarity

Single LED illumination supply voltage [VDC] 5

Supply Voltage Ring Illumination [VDC] 24/12

Switching Function N.O./N.C./Continuous/Toggle

Mechanical Data

Actuating Force [N] 3-5

Actuating Travel [mm] None

Starting Torque [Nm] 2.5

IK Protection Class (Shock Protection) [IK] IK 02

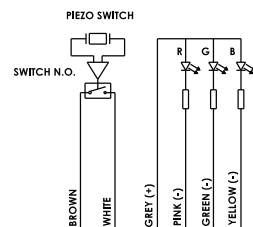
Operating Temperature [°C] -40 to +125

Storage Temperature [°C] -40 to +125

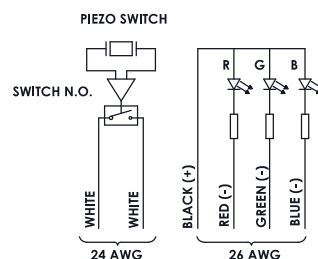
IP Protection Class [IP] IP 68

DATA PIEZO SWITCHES STANDARD N.O.

Electric Diagram



Cable connection diagram



Wire connection diagram