

## RING ILLUMINATED SWITCHES **SBR**

The SBR metal touch ring illuminated switches are extraordinarily rugged, extremely durable, and with no moving parts, are completely sealed against the environment. Switches are immune to ESD and generate no EMI or RFI. A power supply is not needed for switch operation. Standard parts are supplied with RGB LEDs (Red, Blue, Green), 12" wires, in a range of sizes with a wide range of operation options available. Call one of our application engineers at 973-779-8774 or Email to [info@barantec.com](mailto:info@barantec.com)

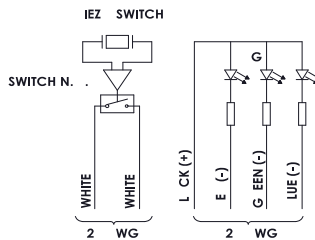
### Electrical Data

Switching Voltage	24 V AC/DC Max
Switching Current	200mA std (500-1500 mA optional)
Breaking Capacity	1W Max
Lifetime (at Rated Breaking Capacity)	50.000.000 (50 Million) cycles
Insulation Resistance (OFF)	> 5 MOhms
Initial Contact Resistance (ON)	< 20 Ohms
Capacity	25 pF
Make Impulse time	125 - 300 mS (6sec - 30 sec optional)
Contact Configuration	SPST N.O. (N.C. optional)
LEDs	R-G-B type in 5, 12 or 24 VDC
Switching Function	Momentary (continuous & toggle avail.)
Switch Power consumption	None (0 Volt)
ESD, EMI & RFI	None

### Mechanical Data

Actuating Force	3-5 N TYP
Actuating Travel	None
Starting Torque	2.5 Nm
IK Protection Class (Shock)	IK 02
Switch Temperature rating	-40 to +125 °C
LED Temperature rating	-40 to +70 °C
Protection Class	IP 68 - NEMA 4

### Wire connection diagram



### Cable connection diagram

