



(6) Button color—(★)	Black (B), Green (G), Red (R), Yellow (Y)
(7) Terminal style	M3.5 terminal screw
(8) Applicable wire	Maximum 2mm <sup>2</sup> (φ 1.6 mm maximum) (2 maximum)
(9) Panel thickness	0.8 to 7.5mm
(10) Panel cut-out	φ 30.5 <sup>+0.5</sup> mm

#### 5. Characteristics

(1) Insulation resistance	100MΩ minimum (measured with a 500V DC megger)
(2) Dielectric strength	2500V AC, 1minute
(3) Contact resistance	50mΩ maximum (initial value)
(4) Vibration resistance	
(a) Operating extremes	Frequency 5 to 55 Hz, Amplitude 0.5mm
(b) Damage limits	Frequency 30Hz, Amplitude 1.5mm
(5) Shock resistance	
(a) Operating extremes	100 m/s <sup>2</sup>
(b) Damage limits	1,000 m/s <sup>2</sup>

#### 6. Life

(1) Mechanical life(without load)	500,000 operation minimum
(2) Electrical life (rated load)	500,000 operation minimum
	Operating frequency : 900 operations/hour maximum
	Duty Rate: 40%