

(8) Applicable wire / Recommended tightening torque

Applicable wire		Maximum number of installed	Recommended tightening torque(N·m)
Solid wire	φ0.5~1.6mm(AWG14~22)	2	1.0~1.3
	φ1.7~2.0mm(AWG12)	1	1.2~1.3
Strand wire	0.3~2.0mm ² (AWG14~22)	2	1.0~1.3
	2.1~3.5 mm ² (AWG12)	1	1.2~1.3

(9) Panel thickness 0.8 to 6mm

(10) Panel cut-out $\phi 25.5^{+0.5}$ mm

5. Characteristics

- (1) Contact resistance 50mΩ maximum (initial value)
- (2) Insulation resistance 100MΩ minimum(measured with a 500V DC megger)
- (3) Dielectric strength 2,500V AC, 1minute
- (4) Vibration resistance Degree of protection
- (a) Operating extremes Frequency 5 to 55Hz, Amplitude 0.5mm
- (b) Damage limits Frequency 30Hz, Amplitude 1.5mm
- (5) Shock resistance
- (a) Operating extremes 100 m/s²
- (b) Damage limits 1,000 m/s²

6. Life

- (1) Mechanical life(without load)
- (a) Momentary 5,000,000 operation minimum
- (b) Alternate 500,000 operation minimum
- (2) Electrical life (rated load)
- (a) Momentary 500,000 operation minimum
operating frequency : 1,800 operations/hour maximum, Duty Rate : 40%
- (b) Alternate 500,000 operation minimum
operating frequency : 900 operations/hour maximum, Duty Rate : 40%