TITLE SPECIFICATION	PAGE 1 / 2
NAME Full color Pushbutton "B", single pole 10 A 300 V AC	WNG5401−7K

1. TYPE

1-1 Rating	10 A 300 V AC
1-2 Contact method	Silver alloy-Silver alloy contact
1-3 Circuit	Single Pole, Normal open Type
1-4 Connection method	Screw terminal

2. GUARANTEED QUALITY

2-1 Shape and color of material : As per attached specification drawing

2-2 Performance

・Test location : Room temperature (5 ℃～35 ℃)
Room humidity (45 %～85 %)

2-2-1 Capacity pursuant to JIS C 8304 and the Electric Appliance Regulating Law satisfies each item listed below.
Test method is pursuant to JIS C 8306 and the Electric Appliance Regulating Law.

Temperature rise	Contacts : Not more than 65 ℃ Terminals : Not more than 45 ℃
Make／Break	・10 A 300 V lode power factor 0.6 operation rate approx 20 times/minute continuous operation 10 000 times
	・15 A 300 V lode power factor 0.6 operation rate approx 6-10 times/minute continuous operation 100 times
	・10 A 100 V-105 V incandescent lamp lode after 2-second lighting, more than 20-second lights-out continuous operation 100 times
Insulation Resistance (Insulation tester, 500 V DC)	・Between same pole terminals Not less than 100 MΩ ・Between live metallic parts and exposed dead metallic parts Not less than 100 MΩ
Withstand Voltage	・Between same pole terminals 1 600 V for 1 minute ・Between live metallic parts and exposed dead metallic parts 1 600 V for 1 minute
Resistance to Heat	・100 ℃±3 ℃ for 1 hour
Strength of Terminal part	・1.2 N・m {12.2 kgf・cm}
Wire retention force	・50 N {5.1 kgf} for 1 minute

(Note) Unit with { } represents the conventional units while others represents the international system of unit. (SI)

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3. ENVIRONMENTAL CONDITION

3-1 Usable locations

(1) To be used for electrical equipment used indoors such as in residential houses, offices.

(2) Shall not be used for electrical equipment used in workshop with severe operation, in wet location or outdoors.

3-2 Ambient temperature range : −10 ℃ ～ 40 ℃

4. CAUTIONS IN USE

4-1 Connection method

(1) Applicable method

- Single wire φ0.8 mm ～ φ2 mm
- Stranded wire 0.75 mm² ～ 2 mm²

(However, the end of stranded wire wires should be twisted.)

4-2 Clamping torque of terminal screw : 1 N·m ～1.2 N·m {10.2 kgf·cm ～12.2 kgf·cm}