

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 °C~35 °C)
- 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 °C Terminals : Not more than 45 °C
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 °C ± 3 °C 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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TITLE SPECIFICATION	PAGE 2 / 2	
NAME Full color Appellation pushbutton "B", single pole 10 A 300 V AC	WNG5461-7	
<p>3. ENVIRONMENTAL CONDITION</p> <p>3-1 Usable locations</p> <p>(1) To be used for electrical equipment used indoors such as in residential houses, offices.</p> <p>(2) Shall not be used for electrical equipment used in workshop with severe operation, in wet location or outdoors.</p> <p>3-2 Ambient temperature range : -10 °C ~ 40 °C</p> <p>4. CAUTIONS IN USE</p> <p>4-1 Connection method</p> <p>(1) Applicable method</p> <ul style="list-style-type: none"> <li>• Single wire                      <math>\phi 0.8 \text{ mm} \sim \phi 2 \text{ mm}</math></li> <li>• Stranded wire                  <math>0.75 \text{ mm}^2 \sim 2 \text{ mm}^2</math></li> </ul> <p>(However, the end of stranded wire wires should be twisted.)</p> <p>4-2 Clamping torque of terminal screw : 1 N·m ~1.2 N·m {10.2 kgf·cm ~12.2 kgf·cm}</p>		
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