**Micro Door (Snap Action) Switch**

**INSTALLATION GUIDE**

1. **Terms for Configuration & Structure**

   - **Actuator (Panel Mount Roller Type)**
     - The actuator is a part of the switch and is a mechanism incorporating the pushbutton and plunger. External force imposed on the actuator is relayed to the internal spring mechanism thus operating the movable contact to turn the switch ON or OFF.

   - **Switch Case**
     - Also called the housing. Protects the switch mechanism.

   - **Mounting Hole**
     - Side Mount Type

   - **Terminals (Screw Type)**
     - The terminals are where electrical wires are connected for input and output of the switch.

2. **Electrical Wiring Diagram**

   - **Green** lead: Ground
   - **Black** lead: (-) or Common
   - **White** lead: (+) or Input to the Switch
   - **White**: (+) or Output from the Switch

3. **Wiring Instructions**

   - **WARNING**
     - Do not apply an excessive force to the mounting bracket with a screwdriver or a similar object when attaching or detaching the protective cover; otherwise, the cover will be deformed.

   - **CAUTION**
     - 1. Be careful not to apply a large shock. Applying a shock exceeding 100G may damage the switch.
     - 2. The switch can be panel mounted, provided that the hexagonal nuts of the actuator is tightened to a torque of 2.94 to 4.9 Nm.
     - 3. When mounted with screws on a side surface, remove the hexagonal nuts from the actuator.

   - 1. Get the Micro Door (Snap Action) Switch and do a Ohm Test

   - 2. Locate a proper place for Air Curtain Installation and Micro Door (Snap Action) Switch at the top of the door opening.

   - 3. Do the electrical wiring as illustrated or the left.

   - 4. Apply the Terminal Protective Cover on the switch.

   - 5. Use M4 screws on a side surface with plane washers and spring washers to mount the switch.

   - 6. Plug the power cord to operate the Air Curtain.

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**WARNING**

1. Must have a qualified electrician install the Air Curtain.
2. **ELECTRIC SHOCK HAZARD**
   - Please unplug the power cord before working.