

Membrane Switch: Mounting Instructions / Precautions

Membrane switches are most vulnerable to damage prior to mounting them. It is important that you follow these instructions:

- **Never bend a membrane switch prior to installation.** They should remain flat at all times or domes (tactile switches) can easily invert prior to installation. If there are LED, bending can also break the connection with the circuit causing intermittency or failure of the LED.
- **Never actuate or press a domed key (tactile switch) unless it is lying flat on a hard surface.** If you actuate on anything but a flat surface it can invert the dome causing a short and reducing the life of the dome.
- Store membrane switches in a dry environment at room temperature for longest shelf life.
- Mount membrane to a clean surface (no oil) using a fixture so that the switch is not bent as you install it.
- Use a soft roller to improve adhesion between the adhesive and the fixture after mounting.
- If a membrane has been mounted and ripped off fixture, it is no longer to be used as the domes invert.

Quality Guarantee

RSP, Inc. guarantees all parts to be free of manufacturing defect. Customer must report any deficiencies within 30-days of receipt. All parts produced by RSP are 100% fully tested prior to shipping.

RSP will at its discretion repair, replace, or credit any returned units that are shown to be defective.

Membrane switches are constructed per the final approved drawing. If you have questions regarding the construction or the anticipated life of your particular switch please ask your sales associate. Each switch design is unique and will have a different anticipated life depending upon the design, usage, and environment among other factors.

There are occasions where customer returns after 30-days are accepted if parts are failing in the field do to manufacturing defects that could not be observed or tested within the standard 30 day period. Returned parts will be reviewed by an engineer to determine the cause of failure. Common causes of failure that are not the responsibility of the manufacturer include but are not limited to: improper use, improper installation, environmental damage, vandalism, or other physical damage that membrane switches are not typically expected to incur.

If you have any problems during testing, or questions, call our membrane switch team for assistance;

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