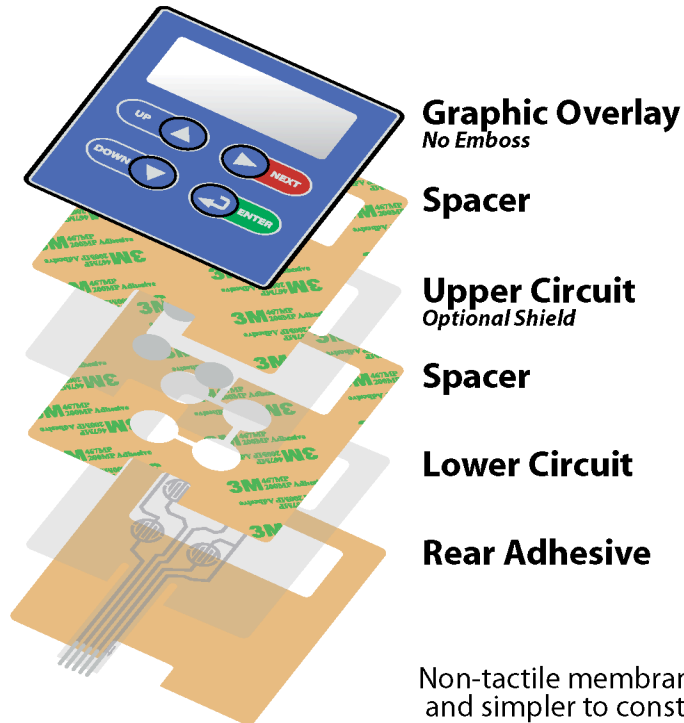


Typical Circuit Build (Non-tactile)



Graphic Overlay
No Emboss

Spacer

Upper Circuit
Optional Shield

Spacer

Lower Circuit

Rear Adhesive

Non-tactile membrane switches are thinner, and simpler to construct and cost-effective.

Circuit Mechanical Characteristics:

- Actuation Force: 4 oz - 32 oz
- Travel: .005" - .030"
- Life: <2 million
- Dimensional Tolerance: +-.010"

Circuit Electrical Characteristics:

- Voltage: 1-50V (DC)
- Operating Current: 1mA, 1 Watt max.
- Resistance: <100 ohms max.
- Contact Bounce: <5 ms
- Contact Resistance: .1-10 ohms
- Capacitance: <20 pF
- Dielectric Strength: 250 VRMS min.
- Insulation Resistance: <100 M ohms@500VDC

Circuit Environmental Characteristics:

- Operating/Storage Temperature: -40° to +-185°
- Humidity: 90%-100%rh

*These values will apply to extreme environmental conditions and may vary depending upon the type of raw material used.

Overlay Options:

The overlay is produced based on your designs and the end-user environment (indoor, outdoor) temperature, humidity and chemical subjection.

- PC/PE Blend or Polyester with UV resistant hardcoat or chemical resistant hardcoat.
- Rail or Pillow Embossing, Textures, Color Matching System, Windows, LED Windows, Precision Die Cutting, Prototypes

ESD Protection:

- Full Foil Shield
- Printed Shielding