

ELECTRONIC TOUCH SYSTEMS (PTY) LTD

Company Registration No: 1990/01198/07
VAT Registration No: 4210109049

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MEMBRANE SWITCH SPECIFICATIONS

Electrical:	Tactile	Non-Tactile
Contact Rating:	1 Watt MAX at 0 - 30V AC/DC, 0-100mA	1 Watt MAX at 0 - 30V AC/DC, 0-100mA
Contact Resistance:	< 100 Ohms	< 100 Ohms
Contact Bounce	< 3 ms	< 3 ms
Capacitance:	< 20 pf	< 20 pf

Machanical:

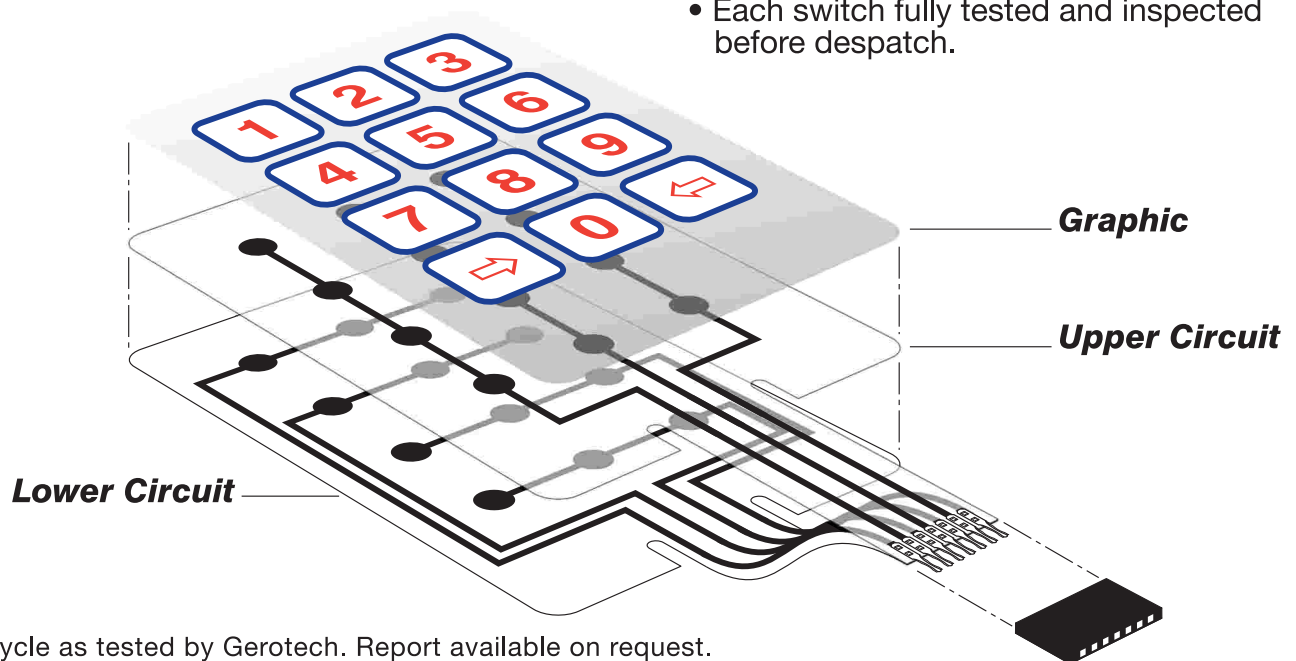
Actuation Force:	> 300g	> 50g
Life Cycle:	> 1 000 000	> 1 000 000
Key Travel:	0.5 to 0.7mm	0.2 to 0.3mm

Environmental:

Operating Temperature	-30 to +65 °C	-30 to +65 °C
Storing Temperature	-40 to +80 °C	-40 to +80 °C

- Reliable service life under most conditions.
- Graphic and design versatility.
- Low cost tooling.
- Tactile feedback of switch action with metal domes.
- Good resistance to harsh environments.

- Water protection to IP-65. (Splash and dust proof).
- High temperature stability.
- Scratch resistant and easy to clean.
- Ready for connection and easy to mount.
- EMI or RFI protection available.
- Each switch fully tested and inspected before despatch.



NOTES:

1. Life cycle as tested by Gerotech. Report available on request.
2. If any unusual operating environment is anticipated please discuss this with us.
3. Contact resistance is dependant on track length and it will increase with distance.
4. Membrane switches have many different design parameters and these specifications are a general guideline.
5. It is the responsibility of the purchaser to determine the suitability of this product for their particular requirement.