

## Membrane Keypads

### Semi-Custom Membrane Keypads

- For prototypes and short production runs.
- Stock keypads ready for your choice of overlay.
- The advantages of a custom keypad without the high tooling costs.
- Stock overlays and edge panels for some sizes.

#### Specifications:

Contact Rating: 15V DC 5mA

Insulation Resistance: 100 MΩ min.

Circuit Resistance: 150 Ω max.

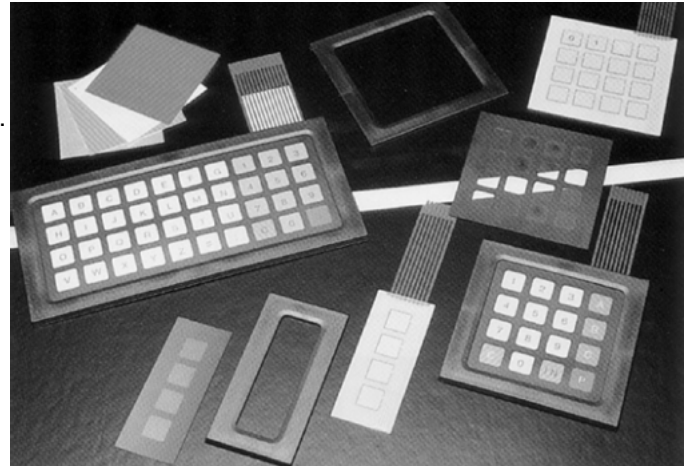
Contact Travel/Operating Force: DS series 0.15-0.2 mm/100-300g

DT series 0.15-0.5 mm / 450g

Operating Temperature: 0°C ~ +50 °C

Lifetime: DS series - 3,000,000 operations Min.

DT series - 1,000,000 operations Min.



### DS Series - Standard Type Switch

These keypads are the most commonly used.

Part Number	Keypad Layout	Size (mm)	Circuit	Stock Overlay
50-DS02C	* 1 x 2	* 34 x 51	Common Buss	Not Available
50-DS10C	* 1 x 10	* 34 x 187	Common Buss	Not Available
50-DS12	3 x 4	68 x 85	X-Y Matrix	Available
50-DS12C	3 x 4	47 x 64	Common Buss	Available
50-DS16	4 x 4	85 x 85	X-Y Matrix	Available
50-DS24	4 x 6	85 x 119	X-Y Matrix	Available
50-DS32	* 4 x 8	* 75 x 135	X-Y Matrix	Not Available
50-DS40	4 x 10	85 x 187	X-Y Matrix	Available

\* Can be cut into different configurations.

### DT Series - Tactile Type Switch

With integral stainless steel domes to give operator feedback.

Part Number	Keypad Layout	Size (mm)	Circuit	Stock Overlay
50-DT02C	* 1 x 2	* 34 x 85	Common Buss	Not Available
50-DT04	1 x 4	34 x 85	X-Y Matrix	Available
50-DT10C	* 1 x 10	* 34 x 187	Common Buss	Not Available
50-DT12	3 x 4	68 x 85	X-Y Matrix	Available
50-DT12C	3 x 4	47 x 64	Common Buss	Available
50-DT16	4 x 4	85 x 85	X-Y Matrix	Available
50-DT24	4 x 6	85 x 119	X-Y Matrix	Available
50-DT40	4 x 10	85 x 187	X-Y Matrix	Available

\* Can be cut into different configurations.