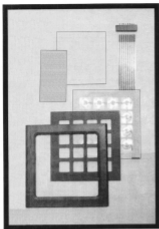


Membrane Switch Kit

DTK-16



Each Kit Contains:

- 1 each DT-16 adhesive backed Tactile Membrane Switch
- 1 each OV-16 Overlay, black mylar with 16 transparent windows.
- 1 each EP-16 Bezel, ABS plastic, adhesive backed.
- 1 each KC-8 Connector, solder pins on 0.10" centers.
- 16each White Color Pads, adhesive backed.
- 8 each Red Color Pads, adhesive backed.

The Bezel dimensions are the finished size of the switch assembly.

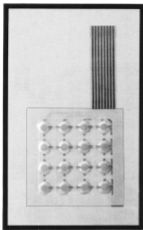
For the DTK-16, the finished size is:

3.94" wide, 3.94" high, 0.10" deep

How to use the DTK-16:

1. Write, type or use transfer lettering to put your legends on the Color Pads.
2. Peel up the pads and affix them to appropriate keys of the Switch.
3. Remove the protective paper from the switch face, exposing the adhesive.
4. Carefully position the overlay exactly on top of the keypad and press. The legends on the Pads will show through the transparent windows of the overlay.
5. Slip the ribbon cable through a slot in your panel.
6. Remove protective paper from the back of the switch, and affix to your panel.
7. Remove the protective paper from the back of the Bezel edges and apply to the panel, surrounding the switch.
8. Fold over about 1/8" of the tip of the ribbon cable, doubling the thickness. Be careful to fold it over in the right direction so that the carbon ink is exposed, wrapping over the top.
9. Firmly press the folded end of the ribbon cable into the connector. The bifurcated contacts inside the switch will make a strong 2 sided positive contact with the folded tip of the ribbon cable.

DT-16



Storage Temperature: +25 deg C to +70 deg C

Lifetime: 1,000,000 closures minimum

Operating Force: 450 g

Recommended Connector: KC-8

Dimensions:

Switch Body	Ribbon Tail	Keys
Height: 3.35"	Length: 2.76"	0.51" square
Width: 3.35"	Width: 0.9"	0.67" center to center
Thickness: 0.026"	Thickness: 0.006"	0.67" center to edge

Electrical Characteristics:

Contact Rating: DC 15V DC 5mA

Open Circuit Resistance: DC 250V 100 Meg ohm min.

Reverse Voltage: 250V/minute

Circuit Resistance: 150 ohm max

Chatter: 10 msec max

Switch Stroke: 0.15 - 0.5 mm

Operation: Momentary

Operating Temperature: 0 deg C to +50 deg C

TERMINATION SCHEDULE

Cat No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DS-4	4-8	3-7	2-6	1-5												
DS-12C	1-13	5-13	9-13	2-13	6-13	10-13	3-13	7-13	11-13	4-13	8-13	12-13				
DS-12	2-8	2-7	2-6	2-5	3-6	3-7	3-6	3-5	4-8	4-7	4-6	4-5				
DS-16	1-8	1-7	1-6	1-5	2-8	2-7	2-6	2-5	3-8	3-7	3-6	3-5	4-8	4-7	4-6	4-5
DS-24	1-7	2-7	3-7	4-7	5-7	6-7	1-8	2-8	3-8	4-8	5-8	6-8	1-9	2-9	3-9	4-9
DS-40	6-9	8-9	4-9	2-9	7-9	5-9	3-9	1-9	6-10	8-10	4-10	2-10	7-10	5-10	3-10	1-10

Cat No.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DS-24	5-9	6-9	1-10	2-10	3-10	4-10	5-10	6-10								
DS-40	6-11	8-11	4-11	2-11	7-11	5-11	3-11	1-11	6-12	8-12	4-12	2-12	7-12	5-12	3-12	1-12

Cat No.	33	34	35	36	37	38	39	40
DS-40	6-13	8-13	4-13	2-13	7-13	5-13	3-13	1-13

DT & DB series have same termination as DS series.

