

# ITT

ITT Schadow inc

## DC50 Series Key Switches (Full Travel)

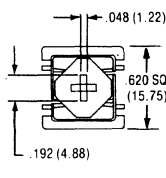
The DC50 Series exceptional reliability and outstanding performance is achieved through ITT Schadow's patented diaphragm process which sandwiches two gold-plated contacts between Mylar\* and stainless steel to permanently protect them from damage and environmental contamination.

- Modular construction
- Tease-proof action
- Tactile feedback
- Contact bounce less than 2 milliseconds
- Membrane contact

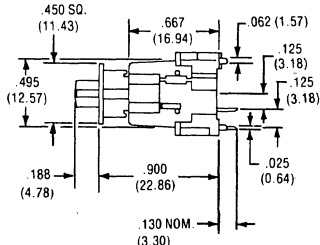


## (0° KEYSTEM EXAMPLE)

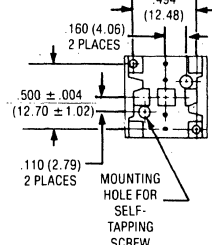
TOP VIEW



SIDE VIEW



BOTTOM VIEW



## DC60 Series Key Switches (Full Travel)

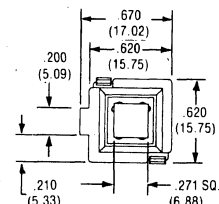
The ITT Schadow DC60 Series Key Switches are value engineered to achieve the highest possible performance at a much lower cost than conventional mechanical switches.

- Choice of 3 low profile
- Trifurcated gold-inlaid contacts
- Snap fit sub panel mounting
- Tactile feedback
- Variety of actuation forces
- Momentary or push push action
- 61-01 complies with European D.I.N. specifications
- Modular construction

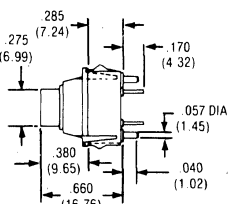


## (DC61-01 EXAMPLE)

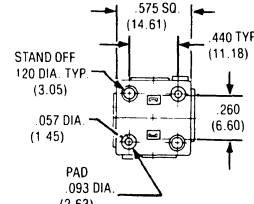
TOP VIEW



SIDE VIEW



BOTTOM VIEW



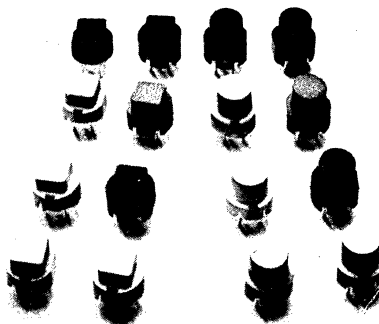
### D.I.N. Compliance

ITT Schadow's DC61-01 and DC61-02 Full Travel Key Switches are among the lowest profile module Key Switches ever built. This low profile conforms to strict European health and safety regulations by complying to their

D.I.N. standard. So if you are now selling or ever plan to sell to the European market, you owe it to yourself to take a look at these low profile switches.

## D6 Series Key Switches

The D6 is a single pole, single throw normally open key switch specially designed for digital electronic control. Its small size enables keyboard design with minimum center spacing of .500 (12.70mm). The commoned terminals offer the possibility of X, Y coding by using a single sided printed Circuit Board. Built-in buttons (square or round) are available in several colors and have been designed to fit directly onto front panels. The total travel of .031 (0.80mm) combined with the snap effect provide the user with a smooth, gentle yet positive tactile feedback.



- Tactile feedback
- Three package styles
- Eight colors
- Commoned terminals
- Small size .500 (12.70mm)
- Low cost

### ELECTRICAL DATA

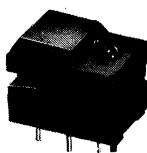
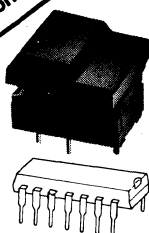
Electrical diagram SPST NO	Electrical diagram SPST NO
Contact resistance $\leq 20 \text{ m}\Omega$	Contact bounce 3 ms
Breaking capacity 10 mA/35 VDC	Life (nominal current and voltage) 500,000 Cycles
Insulation resistance 100,000 M $\Omega$	Temperature range $-20^\circ\text{C}$ to $+65^\circ\text{C}$
Dielectric strength 500 V	Climatic category 21 days
Inter-terminal capacity 1 pF	Solderability $235^\circ\text{C}$ during 5 seconds

**digitast**  
modular electronic  
switch input component

digitast

SR 12.3mm wide x 17.1mm

ST 17.3mm wide x 17.1mm (pictured)



digitast

SRL (LED factory or customer installed) 12.3mm wide x 17.1mm (pictured)

STL (LED factory or customer installed) 17.3mm wide x 17.1mm

Digitast for use with DIP packages, consistent tactile feel, SPDT momentary spring loaded contact, less than 1 ms contact bounce, 24v 10ma or 60v 100ma ratings. Mechanical life greater than 1 million operations. Available with built in LED. PCB mounting. Hot stamped graphics available.

