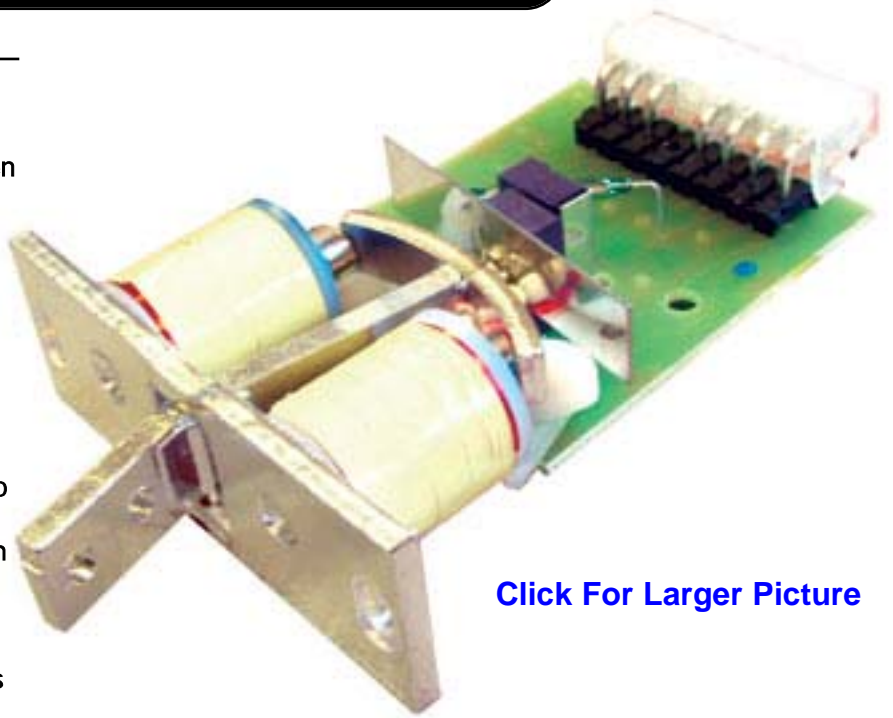


SAM Stop Action Magnet

FEATURES:

- Printed circuit board for mounting diodes, resistors & reed switches
- Positive or Negative Coil common. Specify when ordering.
- Patented cam adjustment for fast, permanent key leveling
- Accepts standard key tablets
- Unique, noise-free bearing design
- Magnetic toggling to eliminate sticking, while offering a smooth, quiet action
- Hermetically sealed reed switch, unaffected by dust or corrosion
- Available with one reed N.O. or N.C. or with two reeds. Specify when ordering
- Compact size and weight allowing tighter switch placement
- 28 ohm coils, which operate on 9.5 to 15 volts. Nonstandard coil specifications available
- Proven design since 1972 in over 500,000 units
- Specify either a Plug on Connector or solder directly to PC Board
- Available in 0,10,15, or 22 degree lever angles, Specify when ordering



[Click For Larger Picture](#)

SPECIFICATIONS:

DIMENSIONAL:

Height: 2.420"

Width: .830"

Depths: 2.450"

MOUNTING

Mounting Hole Dimension:

(Sized and designed for a #6 screw)

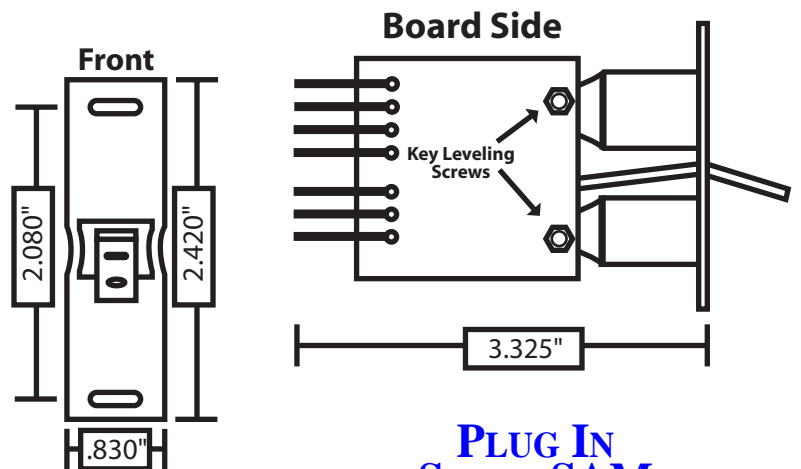
center to center: 2.080"

Key Leveling Adjustment: ¼" hex head

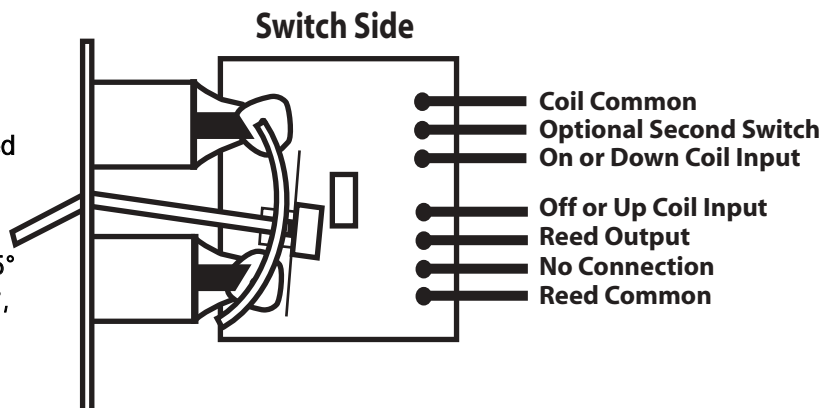
MECHANICAL:

Toggle Force: Minimum of 35 inch-grams measured at end of lever for standard toggle. Stronger toggle units available upon request.

Lever Angle: Straight angle switches toggle from 5° above (Off) to 5° below (On) horizontal position. 10°, 15° & 22° angle switches are measured in the up (Off) position using horizontal (0°) as the reference point.



**PLUG IN
STYLE SAM**



(Continued on Next Page)

Toggle Arc: 9° angle from stop to stop when adjustment cams are in mid position.

Key Leveling Range: Cams will adjust each stop $\pm 2^\circ$ for tablet leveling.

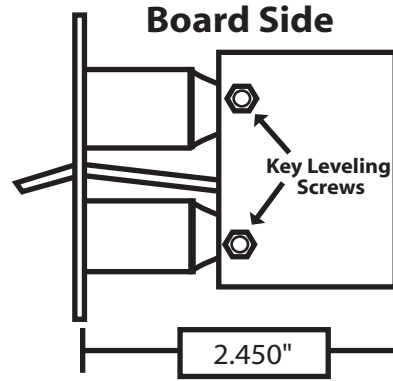
Life: 200,000 cycles minimum. Production quality control requires 500,000 cycle minimum in random sample testing.

ELECTRICAL:

Operating Voltage: 14 volts D.C.; will operate from 9 volts to 15 volts continuous. Other coil voltages are available.

Reed Switch: 0.55 amp maximum switching current. 200 volts RMS minimum breakdown voltage; .100 ohms maximum initial contact resistance; .750 millisecond operating time including bounce. Reed switch must be protected from fly back voltage if directly operating an inductive load.

Circuit Board: (Either plug-in or solder pad type PC boards.) Provision to diode isolate two signals from one reed switch. Accepts two reeds maximum; both closing in down position or one closing in either position. Separate holes for bussing reed switch and coil commons. Hole to accept wire tie to strain relief wire loom.



**DIRECT SOLDER
STYLE SAM**

