

# Switchcraft 982A06R Miniature Keyboard Switches User Manual

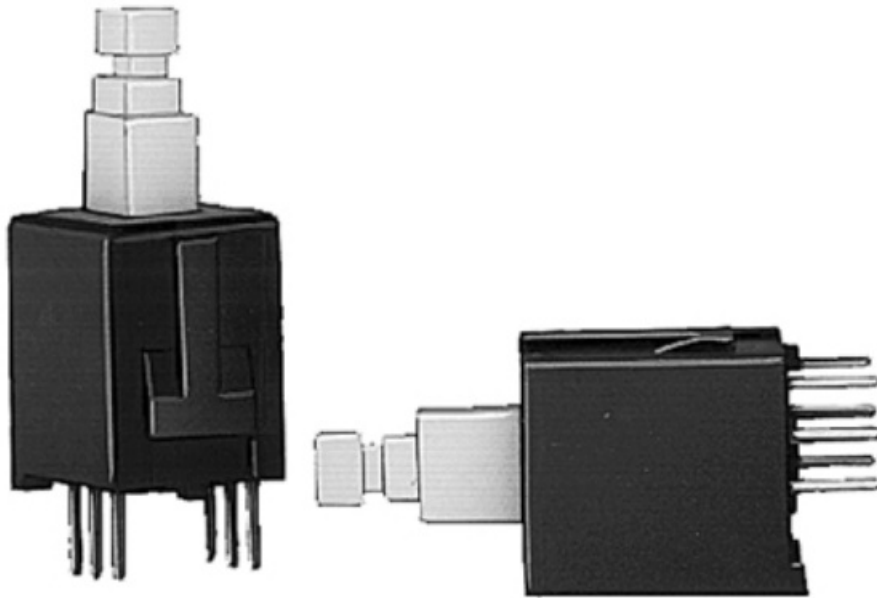
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# Switchcraft®

**Switchcraft 982A06R Miniature Keyboard Switches**



## Product Information

- The product is a series of miniature keyboard switches manufactured by IBS. The specific model is the Series 98000R. The switches have a momentary plunger travel of 0.144 inch (3.66 mm) and an actuation force of 15 ounces (34-0425 grams). They are designed for 1 million operations.
- The switches are UL approved at 0.25 A @ 28V DC and 0.125 A @ 125V AC. The housing is made of molded thermoplastic UL 9-40V, and the plunger is also made of molded thermoplastic UL 9-40V. The contactors are made of copper alloy, and the terminals are made of copper alloy with gold-plated contact surfaces.
- The switches have PC terminals that are 0.157 inch (4 mm) long, suitable for mounting on one-sided PC boards up to 0.094 inch (2.4 mm) thick. They can be mounted in rows or arrays with a minimum center spacing of 0.394 inch (10 mm). Special order options include switches with longer terminals (0.394 inch/10 mm) and different circuit configurations (1B, 2A, or 2B).
- The product can be ordered using the part numbers provided in the table, and pushbuttons need to be ordered separately.

## Product Usage Instructions

1. Ensure you have Adobe Acrobat installed on your system.
2. To download a schematic drawing of the product, click [here](#).
3. For standard switches, refer to the part numbers in the table to place an order.
4. If you require special switches with different circuit configurations or longer terminals, contact your Switchcraft representative with full specifying details.

Note: Pin 5 on the terminal is used as a support pin for switch mounting and has no electrical connection.

## SERIES 98000R

Momentary IBS switches provide cost-effective versatility for a wide range of electrical/electronic applications including switching analog and digital signals in business systems, public address, test instruments, medical, EDP (computer), input devices and peripheral equipment, local area network, telecommunication, digital transmission equipment, telephone systems and attachments and calculators. Convenient modular design allows quick assembly to PC boards. These switches are also available in multiple station assemblies (see page 322).

## SPECIFICATIONS

### • MECHANICAL

- **Switch Actuation:** Momentary
- **Plunger Travel:** .144 inch (3.66 mm)
- **Actuation Force (Full Travel):** 12-15 ounce (340-425 grams)
- **Life:** 1 million operations

### • ELECTRICAL

**UL approved at** .25 A @ 28V DC and .125 A @ 125V AC

### • MATERIALS

- **Housing:** Molded thermoplastic UL 94V-0
- **Plunger:** Molded thermoplastic UL 94V-0
- **Contactors:** Copper alloy
- **Terminals:** Copper alloy, solder-plated
- **Contact Surfaces:** Gold-plated

## MOUNTING

Switches have .157 inch (4 mm) long PC terminals for mounting on single- or double-sided PC boards up to .094 inch (2.4 mm) thick on 0.394 inch (10 mm) minimum centers in rows or arrays. 0.394 inch (10 mm) PC terminals available on special order. Rugged molded-in standoff legs provide stable mounting and clearance for PC board cleaning.

## ORDERING STANDARD SWITCHES

Order switches and pushbuttons by part numbers from table.

## PART NUMBERS

Part No.*	Description	Circuit	Dim. A
982A01 R	Momentary	1-A	.157 inch (4 mm)
982A03 R		1-C	
982A06 R		2-C	

Order pushbuttons separately.

## ORDERING SPECIAL SWITCHES

Contact your Switchcraft representative with full specifying details.

## SPECIAL ORDER FEATURES


- Other circuitry 1B, 2A or 2B
- Longer terminals .394 inch (10 mm) long

TERMINAL FUNCTION BY TERMINAL NUMBER

	First Pole*			Second Pole		
Circuit	N.O.	N.C.	Commo	N.O.	N.C.	Commo
1-A	3	—	2	—	—	5**
1-B	—	1	2	—	—	5**
1-C	3	1	2	—	—	5**
2-A	3	—	2	6	—	5
2-B	—	1	2	—	4	5
2-C	3	1	2	6	4	5

- N.O. = normally open; N.C. = normally close.
- Pin 5 is used as a support pin for switch mounting and has no electrical connection.

Documents / Resources

 <p><b>MINIATURE KEYBOARD SWITCHES</b></p> <p>982A06R Miniature Keyboard Switches, 982A06R, Miniature Keyboard Switches, Keyboard Sw itches, Switches</p>	<p><a href="#">Switchcraft 982A06R Miniature Keyboard Switches [pdf] User Manual</a></p> <p>982A06R Miniature Keyboard Switches, 982A06R, Miniature Keyboard Switches, Keyboard Sw itches, Switches</p>
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