



130/140 Series

General Description

The 130/140 Series switch design has the widest application flexibility of the GE line of pushbutton switches. It has the greatest button number variation, number of circuits, button/pushrod spacings, pushrod lengths, ratings, and optional features.

The 130/140 Series switches can have 1/4", 1/8", or 1/16" pushbutton travel. However, the 1/16" travel version (operating under a membrane) requires an electrical form of indication which is not part of the switch. The switches are used with auxiliary electrical indicators (incandescent lamps, neon lamps or LED devices) which are operated by circuits in the switch.

Typical Applications:

- Home Laundry Equipment
- Dishwashers
- Room Air Conditioners
- PTAC Units
- Blenders and Food Processors
- Electric Ranges
- Power Tools

Operation

The switches operate using a logic system comprised of pushrods, sliding members (sliders), and switch assemblies (see FIG. 1 in general information section). Camming surfaces on the top and bottom of the sliders provide the interface between the pushbutton actuation and the switching of the circuitry. Because of the uniquely designed logic system, one pushbutton action can change one, several, or all of the switch circuits at a time. This circuit flexibility can be used to reduce total system costs by eliminating the need for auxiliary relays and simplifying sequence timer functions.

Technical Data

Terminals

- .250" x .032" [6.3 x 0.8mm]
- .187" x .020" [4.8 x 0.5mm]
- .187" x .032" [4.8 x 0.8mm]

Up to (6) "dummy" terminals for junction point.

Electrical Ratings

See General Information Section

Pushbutton Forces

- 0.25 to 6.0 lbs.

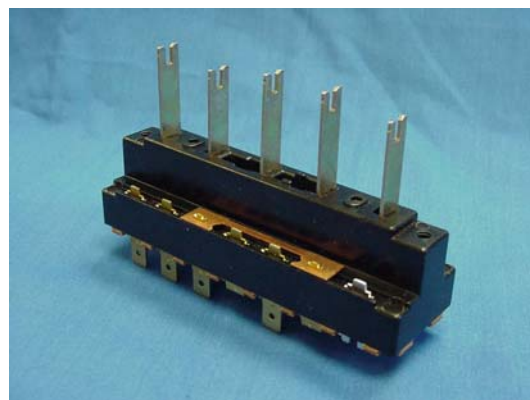
Ambient Temperature Rating

- 130° C maximum

Life at Rated Load

- 15,000 Operations Standard Circuits
- 30,000 Operations Momentary Circuits

Agency Approvals



- U.L.
- C.S.A.

Features

- 1/4", 1/8" and 1/16" button/pushrod travel.
1/16" travel for operation under a membrane, supplied by customer.
- 12 base sizes: up to 10 pushrods and up to 15 circuits
- 2 standard pushrod spacing for styling differentiation:
"A" spacing .469" "B" spacing .719"
- Single-pole, single-throw switching elements.
Special low rated "back" contacts optional on some circuits.
- Momentary switching option, up to 3 options.
- Variety of pushrod lengths
"A" spacing .465" to 1.687" "B" spacing .548" to 1.820"
- Standard buttons and colors available.
Specials require tooling.
- Mounting:
Mounting holes in base for front mounting.
Optional standard brackets.
Special brackets require tooling.
- Optional "Lockout" feature eliminates accidental switch actuation.

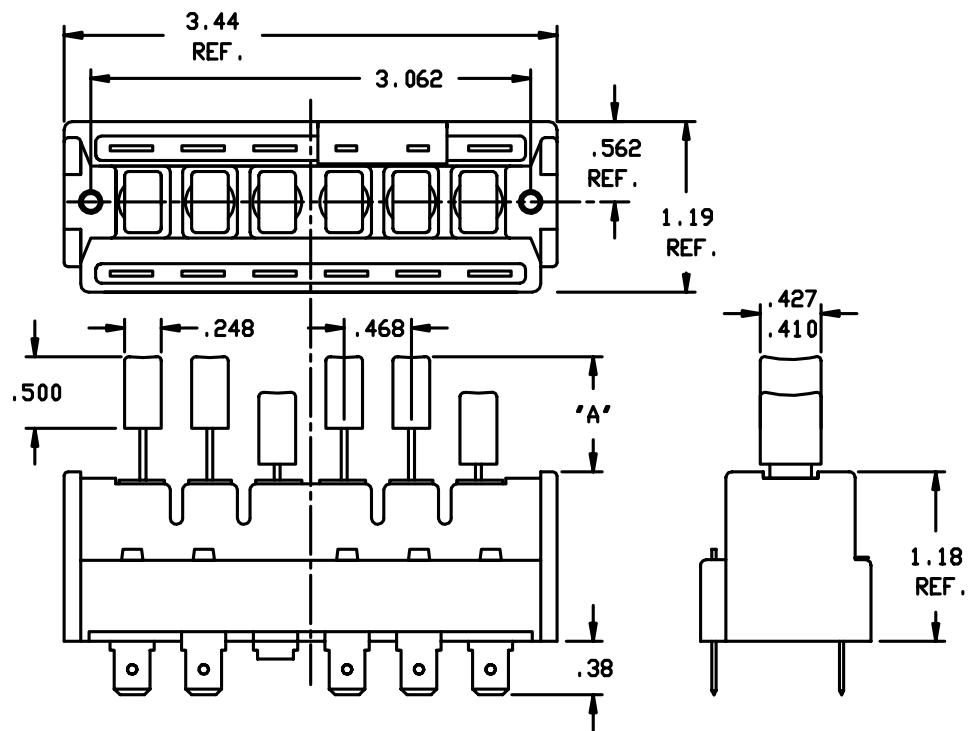
Specific Switch Series

Bases are grouped in standard sizes according to maximum numbers of buttons and circuits in each.

See Table.

Series	Button Positions	Button Spacing	Circuits
132A	2	A	2
133A	3	A	3
134A	4	A	4
136A	6	A	6
138A	8	A	8
143A	10	A	8
132B	2	B	3
134B	3	B	5
135B	5	B	7
136B	6	B	9
138B	8	B	11
141B	10	B	15

130A Series



130B Series

