

SERIES 31A SINGLE HOLE DETENT-ACTION ROTARY SWITCHES

Features

- Double-Sided, Double-Wiping, Knife-Type Rotary Contacts
- Silver Contact Surfaces for Long, Reliable Life
- Terminal Screws Easy Installation
- Single Hole Mount

Control Switch Special Features

Spring Return to Normal (Vertical) Position

Instrument Switch Special Features

- Make-Before-Break (Shorting Contacts)
- Common Input Tap Switch Arrangement Sequentially Connected to Several Lines Using the Same Switching Deck
- Positive Positioning, Maintained Action Detent Mechanism

Electrical Specifications

Interrupt Ratings

- 10A/125VAC 5A/240VAC • 5A/30VDC
 - 1A/125VDC

3A/600VAC

- Overload Current (50 operations): 60A/125VAC Resistive
- Voltage Breakdown: 2000V rms minimum
- Insulation Resistance: 100 Megohms minimum
- Contacts Resistance: .01 ohms maximum

Mechanical Specifications

Sections Poles 1 to 20

Positions 8; Adjustable Stops for 2—8 Position Rotation

Break-Before-Make (Non-Shorting); Contacts

Make-Before-Break (Shorting)

45° Positive Detent Indexing Action

Single Hole Mounting 3/16" Max. Standard Panel Thickness

Silver Plated Phosphor-bronze, Double Grip **Rotor Contacts**

Silver Plated Copper, w/Integral Screw Type Terminals **Stationary Contacts** Contacts Enclosed in Molded-phenolic Disks Construction

Approvals

 UL File No. E18174 CSA File #LR20743 • (E

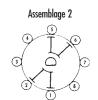
Variations

For Key Operated Handle or Spring Return Switches please see page 18.

For Waterproof Mounting use standard Tap and Selector Switches, plus seal-nut #02017-8.

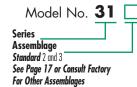


ORDERING INFORMATION -





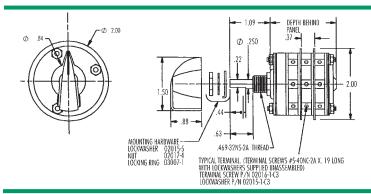
Note 1: Nominal torques, weights, and depth behind panel are listed below. **Note 2:** Assemblages are shown with handle in 0° position (12 o'clock).

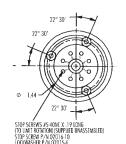


Mounting Style/Handle A = Single Hole/Flush

Shorting Blank = No S = Yes

Matrix Code	No. of Sections	Weight (oz)	Torque (lbs/in)	Depth Behind Panel Assemblage	
				01 =	1
02 =	2	6	7	1.53	1.53
03 =	3	7	8	1.91	1.91
04 =	4	8	9	2.28	2.28
05 =	5	9	10	2.66	2.66
06 =	6	10	11	3.03	3.03
07 =	7	11	14	4.13	3.41
08 =	8	13	15	4.53	4.53
09 =	9	14	16	4.91	4.91
10 =	10	15	17	5.28	5.28





PANEL DRILLING DIMENSIONS