Features

- Double-Sided, Double-Wiping, Knife-Type Rotary Contacts
- Silver Contact Surfaces for Long, Reliable Life
- Terminal Screws — Easy Installation
- Standard Four Hole Mount
  Single Hole Mount Available - Consult Factory

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 Detent Mechanism
- Pre-Wired Jumpers

Electrical Specifications

Continuous Ratings

- 15A/600V

Interrupt Ratings

- 10A/120VAC
- 5A/240VAC
- 3A/600VAC
- 5A/30VDC
- 1A/125VDC
- Overload Current (50 operations): 60A/125VAC Resistive
- Voltage Breakdown: 2200V rms minimum
- Insulation Resistance: 100 Megohms minimum
- Contacts Resistance: .01ohms maximum
- Making Ability for Circuit Breaker Coils: 45A–125VDC

Mechanical Specifications

Sections	1 to 10
Poles	1 to 20
Positions	8; Adjustable Stops for 2–8 Position Rotation
Contacts	Break-Before-Make (Non-Shorting); Make-Before-Break (Shorting)
Action	45° Positive Detent Indexing
Mounting	4 Hole
Panel Thickness	3/16" Max. Standard
Rotor Contacts	Silver Plated Phosphor-bronze, Double Grip
Stationary Contacts	Silver Plated Copper, w/Integral Screw Type Terminals
Construction	Contacts Enclosed in Molded-phenolic Disks

Approvals

File No. E18174   File No. 020743-0-000

Ordering Information

(For generic switches fill out matrix below. For application specific switches see page 15.)

Four Hole Mount Assemblages

Assemblage 2   Assemblage 3
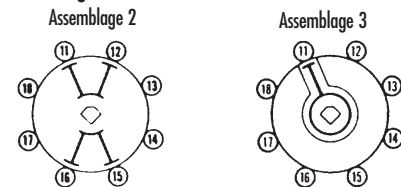
Note 1: Nominal torques, weights, and depth behind panel are listed below.
Note 2: Assemblages are shown with handle in 0° position (12 o'clock).

Model No. **31** ☐ ☐☐ ☐ ☐

Series
Assemblage
2 = Assemblage 2
3 = Assemblage 3

Mounting Style/Handle
B = Four Hole/Oval Shank
C = Four Hole/Round Knurled
D = Four Hole/Pistol Grip

Shorting
Blank = No
S = Yes

Matrix Code	No. of Sections	Weight (oz)	Torque (lbs/in)	Depth Behind Panel 4 Hole
01 =	1	5	6	1.25
02 =	2	6	7	1.63
03 =	3	7	8	2.00
04 =	4	8	9	2.38
05 =	5	9	10	2.75
06 =	6	10	11	3.13
07 =	7	11	14	3.75
08 =	8	13	15	4.13
09 =	9	14	16	4.50
10 =	10	15	17	4.88

2.13 SQ.
1.44
1.75
1.00
(4) .138-32 UNC X .500 LONG MOUNTING SCREWS SUPPLIED UNASSEMBLED

DEPTH BEHIND PANEL
TYPICAL TERMINAL. (TERMINAL SCREWS #5-40NC-2A X .19 LONG SUPPLIED UNASSEMBLED) TERMINAL SCREW

Ø 2.00
STOP SCREWS SUPPLIED UNASSEMBLED

PANEL DRILLING (IN.)
Ø.281
1.64 SQ.
Ø .156 (4 PL)