



SERIES 24 INSTRUMENT AND CONTROL SWITCHES

Features

- Double-Sided, Double-Wiping, Knife-Type Rotary Contacts
- Silver Contact Surfaces for Long, Reliable Low Contact Resistance Life
- #8-32 Terminal Screws – Easy Installation of #12AWG Wire
- Standard Three Hole Panel Mount

Control Switch Special Features

- Spring Return to Normal (Vertical) Position Multi-Pole Contact Arrangements
- Mechanical Red/Green Target
- Slip Contacts for “Normal After” Applications
- Pull to Lock for Safety Lockout (see page 74)

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 Applications

Synchroscope Special Features

- Removable Oval Handles
- Keyed Arrangements



Electrical Specifications

Continuous Ratings 30A/600V

Interrupt Ratings 20A/120VAC • 15A/240VAC • 6A/600VAC • 3A/125VDC • 1A/250VDC

- Overload Current (50 operations) 95A/120VAC • 65A/240VAC • 35A/600VAC
- Making Ability for Circuit Breaker Coils 95A–125VDC
- Contacts Resistance .01ohms maximum

Mechanical Specifications

Sections	1 to 10 – Consult Factory For Additional Sections
Poles	1 to 20 – Consult Factory For Additional Poles
Positions	8; Adjustable Stops for 2–8 Position Rotation
Contacts	Break-Before-Make (Non-Shorting); Make-Before-Break (Shorting)
Action	45° Positive Detent or Momentary Indexing
Mounting	Panel Mount, 3 Hole Mounting, Hardware Supplied
Panel Thickness	3/16" Max. Standard – Others Available
Rotor Contacts	Silver Overlay Phosphor-bronze, Double-Wiping
Stationary Contacts	Silver Inlay, with Integral Screw Type Terminals
Construction	Contacts Enclosed in Molded-phenolic Insulators

Approvals

- UL: File No. E18174
- CSA
- Class 1E Nuclear
- CE

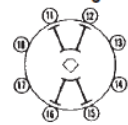
Note: The Series 24 Class 1E Utility products comply with the following Nuclear Standards: ANSI/IEEE C37.90, ANSI/IEEE C37.90.01, ANSI/IEEE C37.98, ANSI/IEEE C37.105, ANSI/IEEE 323, ANSI/IEEE 344, ANSI/ASME NQA-1.

ORDERING INFORMATION -

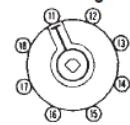
(For generic switches fill out matrix below. For application specific switches see page 15.)

If you don't see the switch you need, please consult the factory.

Assemblage 2

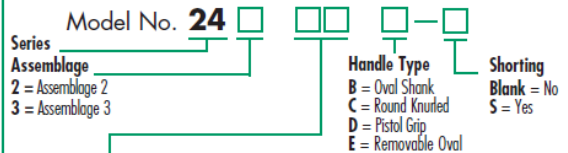


Assemblage 3



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).



Matrix Code	No. of Sections	Weight (lbs.)	Torque (lb./in)	Depth Behind Panel
01 =	1	1.1	8	2.41
02 =	2	1.2	9	2.78
03 =	3	1.3	10	3.53
04 =	4	1.4	11	4.28
05 =	5	1.5	12	4.66
06 =	6	1.6	13	5.41
07 =	7	1.7	14	6.16
08 =	8	1.8	15	6.53
09 =	9	1.9	16	7.41
10 =	10	2.0	17	8.03

