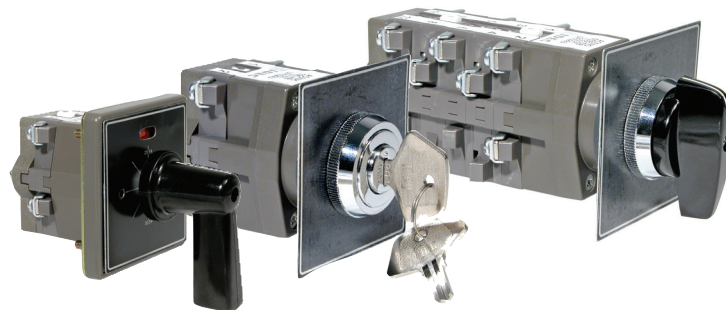




### CS Series – Heavy Duty Cam Switches

**Key features:**

- Wide variety of heavy-duty oiltight cam switches
- Operators available up to 12 positions
- Switches made with a double circuit contact block
- Contact blocks rated 600V, 10A
- Ideal for ammeter/voltmeter applications
- Built to order — not available in subcomponents
- UL listed and CSA certified
- Type 4, 13



UL Listed  
File No. E68961



CSA Certified  
File No. LR48366

**Contact Ratings**

| Rated Thermal Current |               | 10A   |                      |           |            |            |
|-----------------------|---------------|---|----------------------|-----------|------------|------------|
| AC                    | Break Current | 120V/5A   | 240V/3A              | 480V/2A   | 600V/1A    |            |
|                       | Resistive     | Break Current                                   | 24V/8A               | 110V/3A   | 220V/1A    | 440V/0.45A |
| DC                    | Inductive     | Break Current                                   | 24V/5A               | 110V/1.2A | 220V/0.45A | 440V/0.20A |
|                       |               | Make Current (A)                                | Rated amperage x 1.1 |           |            |            |
| Electrical Life       |               | 500,000 operations minimum (at full rated load) |                      |           |            |            |
| Mechanical Life       |               | 5,000,000 (at no load)                          |                      |           |            |            |

**CS Series**

| Series | Style | Operator             |          | Maximum Contacts To Be Mounted      | Handle Styles      |
|--------|-------|----------------------|----------|-------------------------------------|--------------------|
|        |       | Cam Angle            | Position |                                     |                    |
| ACSNO  |       | 30°                  | Up to 12 | 1 to 10 decks;<br>Up to 20 contacts | YB, SB, PB, FB     |
|        |       | 45°                  | Up to 8  |                                     |                    |
|        |       | 60°                  | Up to 6  |                                     |                    |
|        |       | 90°                  | Up to 4  |                                     |                    |
| ACSNK  |       | 30°                  | Up to 12 | 1 to 10 decks;<br>Up to 20 contacts | HB or standard key |
|        |       | 45°                  | Up to 8  |                                     |                    |
|        |       | 60°                  | Up to 6  |                                     |                    |
|        |       | 90°                  | Up to 4  |                                     |                    |
| UCSQO  |       | 30°                  | Up to 12 | 1 to 10 decks;<br>Up to 20 contacts | YB, SB, PB, FB     |
|        |       | 45°                  | Up to 8  |                                     |                    |
|        |       | 60°                  | Up to 6  |                                     |                    |
|        |       | 90°                  | Up to 4  |                                     |                    |
| UCSQM  |       | 45°<br>Spring return | Only 3   | 1 to 3 decks;<br>Up to 6 contacts   | YB, SB, PB, FB     |

1. Do not use spring return (SR) for more than six contacts.  
2. Two identical keys come with ACSNK unit. Specify "H" for handle key option.

Switches & Pilot Devices

Signaling Lights

Relays & Sockets

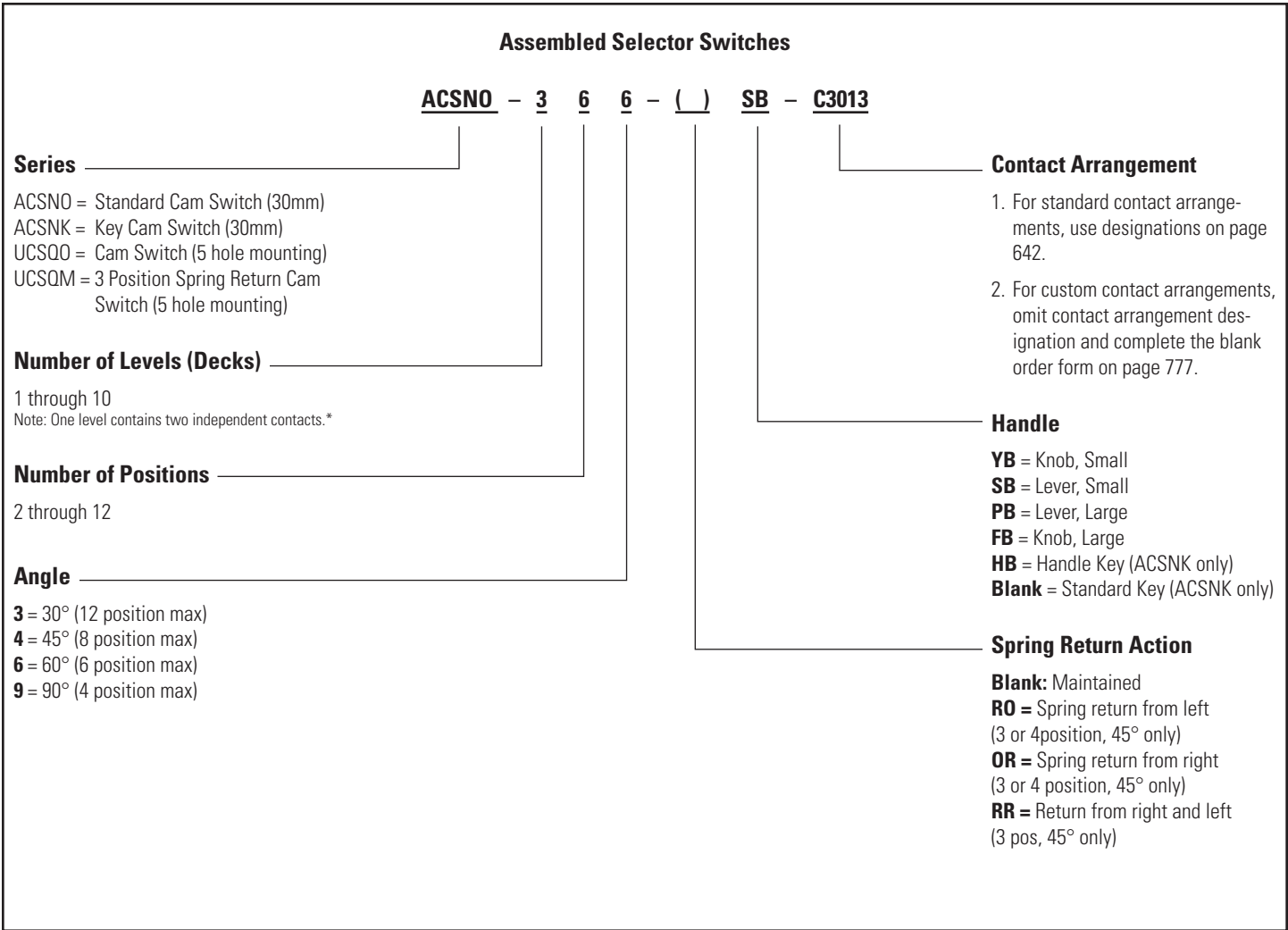
Timers

Contactors

Terminal Blocks

Circuit Breakers

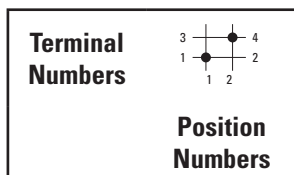
**Selector Switches (Assembled)**



- 1. \*Contact blocks may contain two independent contacts, (a four position switch with four independent contacts only requires two contact blocks).
- 2. \*Caution: switches with 180° or more of rotation may require separate blocks for each contact due to cam overlapping.
- 3. Key retainable in every 45° position (45, 90, 180, 225, 270, 315, 360).

Contact Arrangements

Standard Arrangements



**C-1001**



**C-1002**



**C-1014**



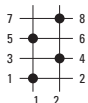
**C-1005**



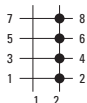
**C-1008**



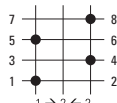
**C-2001**



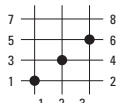
**C-2002**



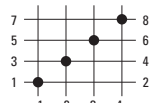
**C-2006**



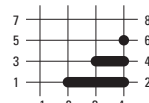
**C-2004**



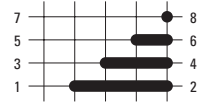
**C-2008**



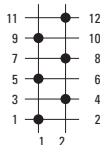
**C-2009**



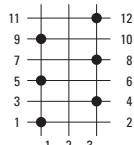
**C-2027**



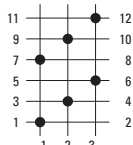
**C-3001**



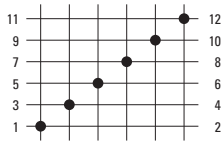
**C-3002**



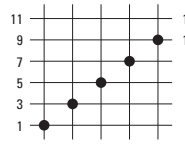
**C-3005**



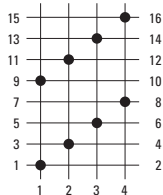
**C-3013**



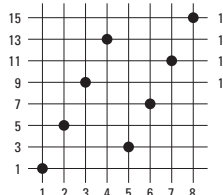
**C-3016**



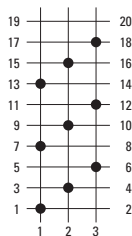
**C-4001**



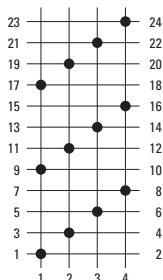
**C-4002**



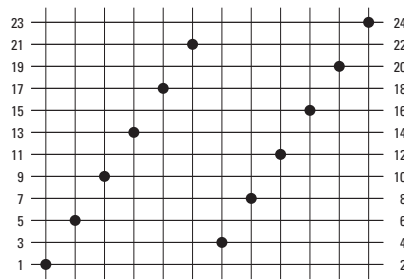
**C-5001**



**C-6001**



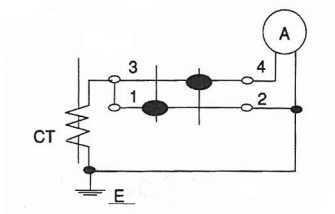
**C-6002**



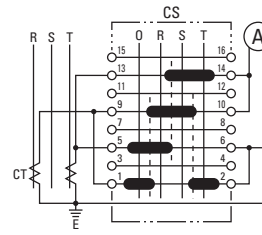
Contact Arrangements continued

Ammeter Switching

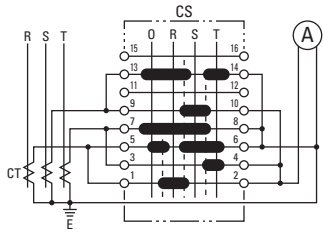
C-1012



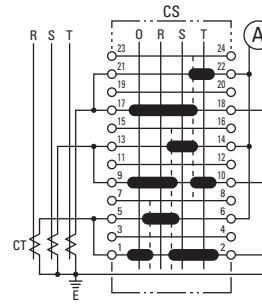
C-4007



C-4003

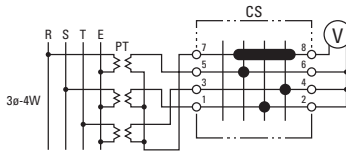


C-6003

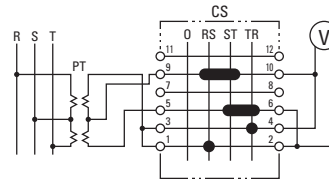


Voltmeter Switching

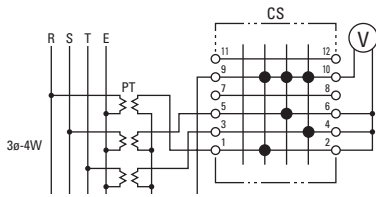
C-2022



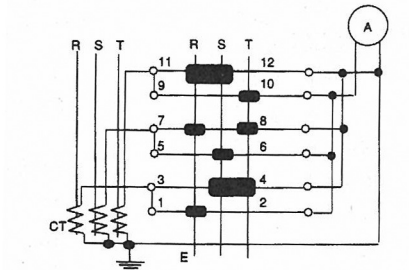
C-3008



C-3009



C-3007



Order Form (Custom Contact Arrangement)

**Series**  
 ACSNO  
 ACSNK  
 UCSQO  
 UCSQM

**\*Number of Decks**  
 Specify Qty = 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10  
 \*Note: One Deck can drive two independent contacts.


**Handle ACSNO, UCSQO, UCSQM:**  
**YB** = Knob, Small  
**SB** = Lever, Small  
**PB** = Lever, Large  
**FB** = Knob, Large

**ACSNO:**  
**HB** = Handle Key (option)  
**Blank** = Standard Key

**Spring Return**  
 Blank = Maintained  
**RO** = Spring return from left (3 or 4 position, 45°)  
**OR** = Spring return from right (3 or 4 position, 45°)  
**RR** = Return from right and left (3 position, 45°)


**Angle**  
**3** = 30°  
**4** = 45°  
**6** = 60°  
**9** = 90°

**UCSQM is available in spring-return version only.**

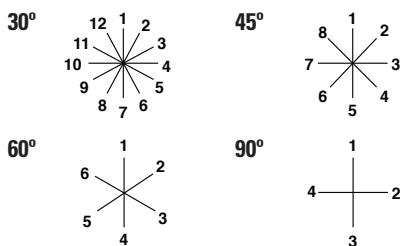
 For handle styles, see page 778.

Contact Arrangement Table

| Cams    | Terminal Numbers | Position |   |   |   |   |   |   |   |   |    |    |    |
|---------|------------------|----------|---|---|---|---|---|---|---|---|----|----|----|
|         |                  | 1        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Deck 1  | 1 and 2          |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 3 and 4          |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 2  | 5 and 6          |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 7 and 8          |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 3  | 9 and 10         |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 11 and 12        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 4  | 13 and 14        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 15 and 16        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 5  | 17 and 18        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 19 and 20        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 6  | 21 and 22        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 23 and 24        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 7  | 25 and 26        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 27 and 28        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 8  | 29 and 30        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 31 and 32        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 9  | 33 and 34        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 35 and 36        |          |   |   |   |   |   |   |   |   |    |    |    |
| Deck 10 | 37 and 38        |          |   |   |   |   |   |   |   |   |    |    |    |
|         | 39 and 40        |          |   |   |   |   |   |   |   |   |    |    |    |

 To specify non-standard arrangements (designation not on preceding pages), fill in this table using the following symbols.  
**X** = Closed contact (break before make) **O** = Open contact **X-X** = Overlapping contact (remain on when switch is moved between two positions)

Specifying Nameplate (Optional)



Specifying Legends

Position

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_



If no engraving information is provided, a blank nameplate will be supplied.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

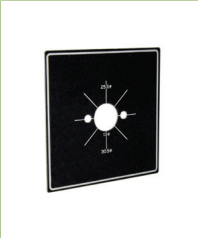
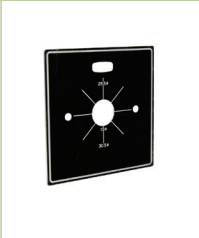

6 \_\_\_\_\_

Accessories — CS Series

Replacement Handles



|                   |   |   |   |  |   |
|-------------------|---|---|---|--|---|
|                   |  |  |  |  |  |
| Part Number       | CSH-YB  | CSH-SB  | CSH-PB  | CSH-FB   | CSH-H2B   |
| Dimensions        | 0.79"D x 1.61"H   | 0.79"D x 1.97"H   | 1.58"D x 1.97"H   | 1.58"D x Ø 1.97"   | 0.95"D x 2.28"H   |
| Applicable Models | ACSNO, UCSQO, UCSQM   |   |   |  | ACSNK   |

Replacement Nameplates

|  |   |   |   |
|--|---|---|---|
| Size & Shape<br>□ 2.52" (64mm)<br>Black Aluminum |  |  |  |
| Part Number                                      | CQ  | CQM   | CQN   |
| Applicable Models                                | UCSQO   | UCSQM   | ACSNO, ACSNK  |

- 1. Extra cost for engraving, 3/16" min. letter height, Legends maximum ten characters.
- 2. Blank nameplates are supplied with all cam switches (they need not be ordered separately).

Wiring Clips

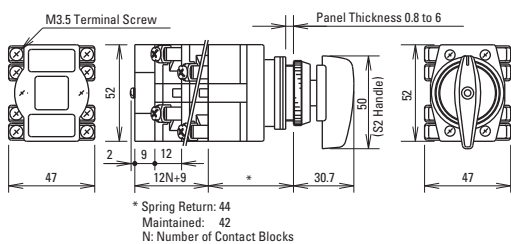
| Part Number   | Contact Block Jumpers |
|---|-----------------------|
| CJ-1<br> | Between decks         |
| CJ-2<br> | Same deck             |

Replacement Keys

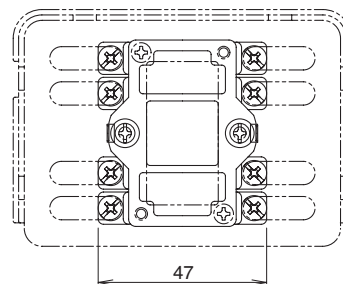
| Part Number   | Description         |
|---|---------------------|
| K301<br> | Pair of keys (#301) |

Dimensions/Terminal Arrangements/Mounting Holes

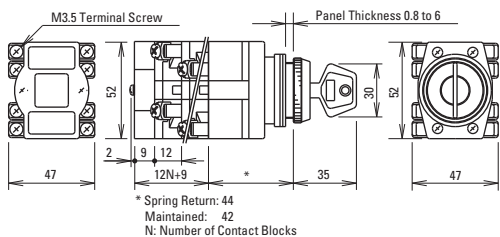
ACSNO



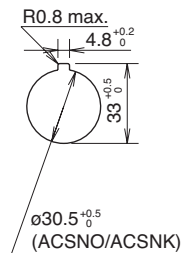
Terminal Arrangement



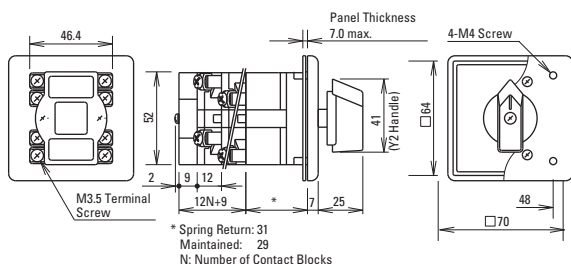
ACS NK



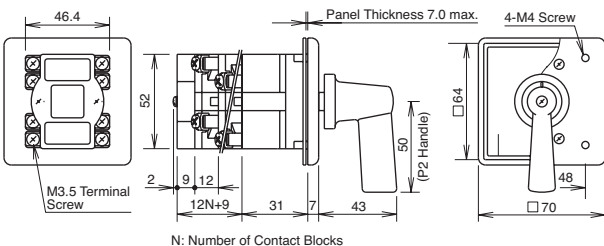
Mounting Holes



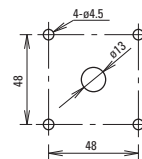
UCSQO



UCSQM



UCSQO  
UCSQM



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View ACSNO-229-SB-C2001 on WIN SOURCE](#)
- ⊖ [IDEC Information](#)

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- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management