

Pilot and Signaling Devices

Heavy-Duty 30.5 mm Watertight/Oiltight Selector Switches

CR104P

Knob Operated
 Non-Illuminated
 600 Volts Max. AC/DC
 10 Amperes Continuous

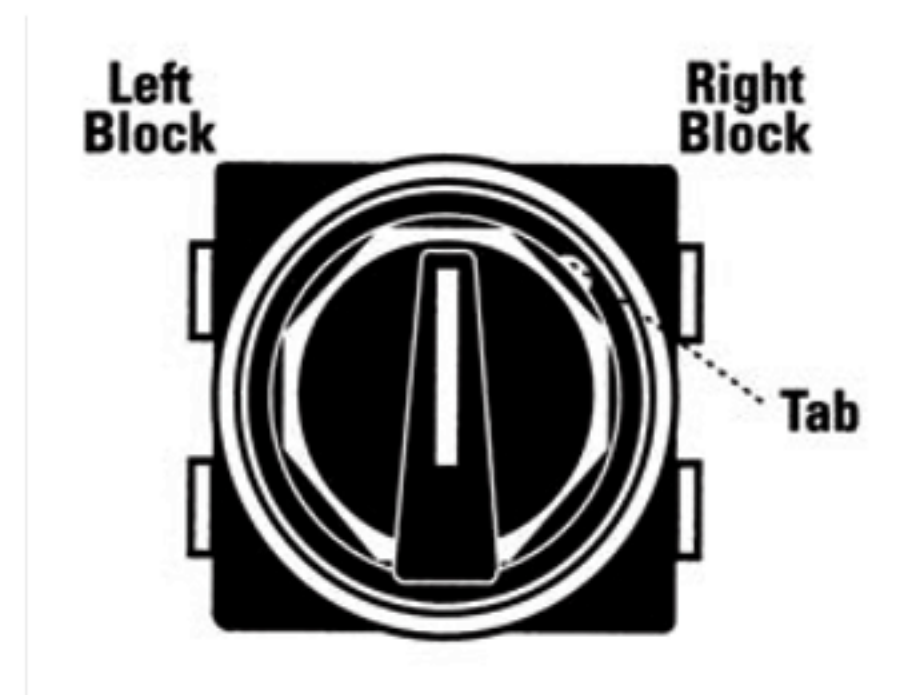
Units are supplied factory-assembled when ordered with contact block.

Product Number and price do not include nameplate. All nameplates must be ordered as a separate item.

Suitable for use in NEMA Type 1, 3, 3R, 4, 4X, 12, and 13 applications, when mounted in enclosures rated for those same applications. For some NEMA Type 4X applications, protective caps will improve corrosion resistance.



Knob-Operated Selector Switch



Contacts viewed from front of panel.

3-Position - Black Knob¹ - Spring Return C←R

| Release Type | 3 Position Cam Code | Contact Configuration | Product Number ¹ |
|---------------------|---------------------|-----------------------|-----------------------------|
| Spring Return C ← R | 4 | None | CR104PSG84B |
| Spring Return C ← R | 4 | 1NO-1NC | CR104PSG84B91 |
| Spring Return C ← R | 4 | 2NO-2NC | CR104PSG84B92 |
| Spring Return C ← R | 2 | None | CR104PSG82B |
| Spring Return C ← R | 2 | 1NO-1NC | CR104PSG82B91 |
| Spring Return C ← R | 2 | 2NO-2NC | CR104PSG82B92 |
| Spring Return C ← R | 3 | None | CR104PSG83B |
| Spring Return C ← R | 3 | 1NO-1NC | CR104PSG83B91 |
| Spring Return C ← R | 3 | 2NO-2NC | CR104PSG83B92 |
| Spring Return C ← R | 5 | None | CR104PSG85B |
| Spring Return C ← R | 5 | 2NO-2NC | CR104PSG85B92 |
| Spring Return C ← R | 6 | None | CR104PSG86B |
| Spring Return C ← R | 6 | 2NO-2NC | CR104PSG86B92 |

3-Position - Black Knob¹ - Spring Return L→C←R

| Release Type | 3 Position Cam Code | Contact Configuration | Product Number ¹ |
|-------------------------|---------------------|-----------------------|-----------------------------|
| Spring Return L → C ← R | 4 | None | CR104PSG94B |
| Spring Return L → C ← R | 4 | 1NO-1NC | CR104PSG94B91 |
| Spring Return L → C ← R | 4 | 2NO-2NC | CR104PSG94B92 |
| Spring Return L → C ← R | 2 | None | CR104PSG92B |
| Spring Return L → C ← R | 2 | 1NO-1NC | CR104PSG92B91 |
| Spring Return L → C ← R | 2 | 2NO-2NC | CR104PSG92B92 |
| Spring Return L → C ← R | 3 | None | CR104PSG93B |
| Spring Return L → C ← R | 3 | 1NO-1NC | CR104PSG93B91 |
| Spring Return L → C ← R | 3 | 2NO-2NC | CR104PSG93B92 |
| Spring Return L → C ← R | 5 | None | CR104PSG95B |
| Spring Return L → C ← R | 5 | 2NO-2NC | CR104PSG95B92 |
| Spring Return L → C ← R | 6 | None | CR104PSG96B |
| Spring Return L → C ← R | 6 | 2NO-2NC | CR104PSG96B92 |

¹To order knob in a color other than black, replace the "B" in listed Product Numbers with E (Yellow), G (Green), L (Blue), or R (Red).

3-Position Selector Switches - Non-Illuminated

| Operator Position | Cam #4 | | Cam #2 | | Cam #3 | | Cam #5 | | Cam #6 | | | | |
|-------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|--------|----|-------|
| | Type of Contact Block | Mounting Location Left/Right | Type of Contact Block | Mounting Location Left/Right | Type of Contact Block | Mounting Location Left/Right | Type of Contact Block | Mounting Location Left/Right | Type of Contact Block | Mounting Location Left/Right | | | |
| Contact State | O | O | X | NO | L or R | - | - | NO | L or R | NO | L or R | NO | Left |
| | O | X | O | - | - | NC | L or R | NC | L or R | NC | Right | - | - |
| | X | O | O | NC | L or R | NO | L or R | - | - | NC | Left | NO | Right |
| | X | X | O | - | - | - | - | - | - | - | - | NC | Left |
| | O | X | X | - | - | - | - | - | - | - | - | NC | Right |

In the product number of a selector switch, the cam is identified by the fifth figure after the "104".

Example: CR104PSG2 1 B, the cam number is 1.

4-Position - Black Knob¹

| Release Type | 4 Position Cam Code | Contact Configuration | Product Number ¹ |
|--------------|---------------------|-----------------------|-----------------------------|
| Maintained | 7 | None | CR104PSG47B ² |
| Maintained | 7 | 2NO-2NC | CR104PSG47B92 ² |

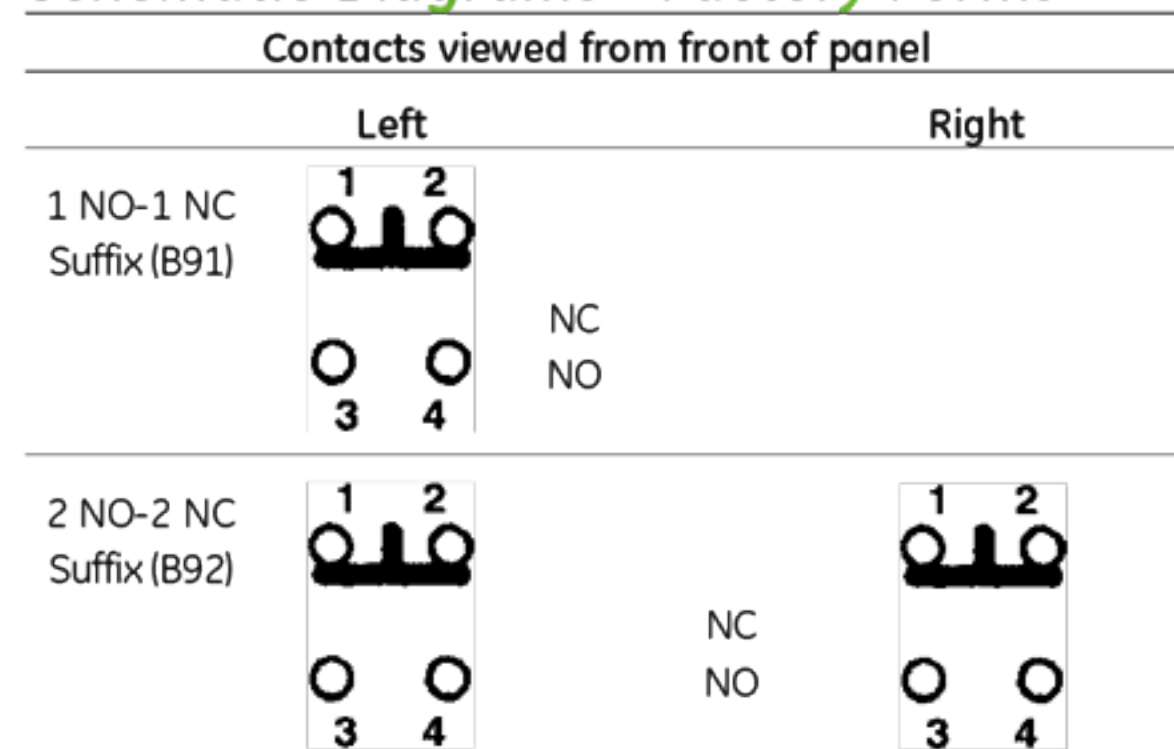
¹To order knob in a color other than black, replace the "B" in listed Product Numbers with E (Yellow), G (Green), L (Blue), or R (Red).

²Two double-circuit contact blocks, mounted side-by-side, is standard arrangement. No more than two contact blocks, single and/or double, may be used with this operator.

4-Position Selector Switch - Non-Illuminated

| Operator Position | Cam #7 | | | | Type of Contact Block | Mounting Location Left-Right |
|-------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|
| | Type of Contact Block | Mounting Location Left-Right | Type of Contact Block | Mounting Location Left-Right | | |
| Contact State | X | O | O | O | NC | Left |
| | O | O | X | O | NO | Left |
| | O | O | O | X | NC | Right |
| | O | X | O | O | NO | Right |

Schematic Diagrams - Factory Forms



Numbers and letters are molded into blocks at terminals.



Product Number Selection Instructions: See pages 9-2