

Pilot and Signaling Devices Heavy-Duty 30.5 mm Watertight/Oiltight Selector Switches

CR104P

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



Lever-Operated Selector Switch

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

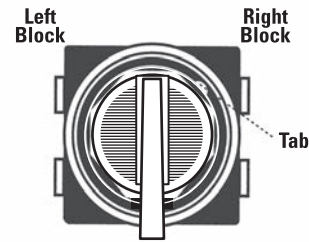
Product Number and price do not include nameplate. All nameplates must be ordered as a separate item.

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.

2-Position Chrome¹

| Release Type | 2 Position Cam Code | Contact Configuration | Product Number ¹ |
|---------------------|---------------------|-----------------------|-----------------------------|
| Maintained | 1 | None | CR104PSM21 |
| Maintained | 1 | 1NO-1NC | CR104PSM21A91 |
| Maintained | 1 | 2NO-2NC | CR104PSM21A92 |
| Spring Return L → C | 2 | None | CR104PSM12 |
| Spring Return L → C | 2 | 1NO-1NC | CR104PSM12A91 |
| Spring Return L → C | 2 | 2NO-2NC | CR104PSM12A92 |
| Spring Return R → C | 3 | None | CR104PSM63 |
| Spring Return R → C | 3 | 1NO-1NC | CR104PSM63A91 |
| Spring Return R → C | 3 | 2NO-2NC | CR104PSM63A92 |

¹To order black wing lever, replace "A" in Product Number with "B" before 91 or 92 contact digits. **Example:** the Product Number for a maintained, 1NO-1NC operator with black wing lever is CR104PSM21B91.



Contacts viewed from front of panel.

2-Position Selector Switches - Non-Illuminated

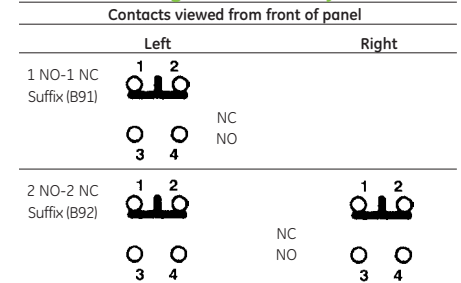
| Operator Position | Cam #1 | | Cam #2 | | Cam #3 | |
|-------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|
| | Type of Contact Block | Mounting Location Left/Right | Type of Contact Block | Mounting Location Left/Right | Type of Contact Block | Mounting Location Left/Right |
| O - X | NO | L or R | - | - | - | - |
| X - O | NC | L or R | - | - | - | - |
| X O - | - | - | NO | L or R | - | - |
| O X - | - | - | NC | L or R | - | - |
| - O X | - | - | - | - | NO | L or R |
| - X O | - | - | - | - | NC | L or R |

- : This position is nonexistent or is a "pass through".

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.

Schematic Diagrams - Factory Forms



Numbers and letters are molded into blocks at terminals.

3-Position Chrome¹ - Maintained

| Release Type | 3 Position Cam Code | Contact Configuration | Product Number ¹ |
|--------------|---------------------|-----------------------|-----------------------------|
| Maintained | 4 | None | CR104PSM34 |
| Maintained | 4 | 1NO-1NC | CR104PSM34A91 |
| Maintained | 4 | 2NO-2NC | CR104PSM34A92 |
| Maintained | 2 | None | CR104PSM32 |
| Maintained | 2 | 1NO-1NC | CR104PSM32A91 |
| Maintained | 2 | 2NO-2NC | CR104PSM32A92 |
| Maintained | 3 | None | CR104PSM33 |
| Maintained | 3 | 1NO-1NC | CR104PSM33A91 |
| Maintained | 3 | 2NO-2NC | CR104PSM33A92 |
| Maintained | 5 | None | CR104PSM35 |
| Maintained | 5 | 2NO-2NC | CR104PSM35A92 |
| Maintained | 6 | None | CR104PSM36 |
| Maintained | 6 | 2NO-2NC | CR104PSM36A92 |

3-Position Chrome¹ - Spring Return L → C

| Release Type | 3 Position Cam Code | Contact Configuration | Product Number ¹ |
|---------------------|---------------------|-----------------------|-----------------------------|
| Spring Return L → C | 4 | None | CR104PSM74 |
| Spring Return L → C | 4 | 1NO-1NC | CR104PSM74A91 |
| Spring Return L → C | 4 | 2NO-2NC | CR104PSM74A92 |
| Spring Return L → C | 2 | None | CR104PSM72 |
| Spring Return L → C | 2 | 1NO-1NC | CR104PSM72A91 |
| Spring Return L → C | 2 | 2NO-2NC | CR104PSM72A92 |
| Spring Return L → C | 3 | None | CR104PSM73 |
| Spring Return L → C | 3 | 1NO-1NC | CR104PSM73A91 |
| Spring Return L → C | 3 | 2NO-2NC | CR104PSM73A92 |
| Spring Return L → C | 5 | None | CR104PSM75 |
| Spring Return L → C | 5 | 2NO-2NC | CR104PSM75A92 |
| Spring Return L → C | 6 | None | CR104PSM76 |
| Spring Return L → C | 6 | 2NO-2NC | CR104PSM76A92 |

¹To order black wing lever, replace "A" in Product Number with "B" before 91 or 92 contact digits. **Example:** the Product Number for a maintained, 1NO-1NC operator with black wing lever is CR104PSM32B91.

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 |
| 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.

