

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.

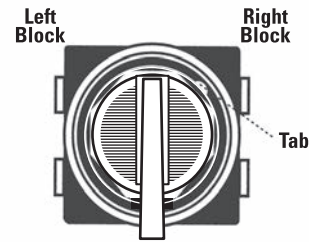
Product Number and price do not include nameplate. All nameplates must be ordered as a separate item.

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

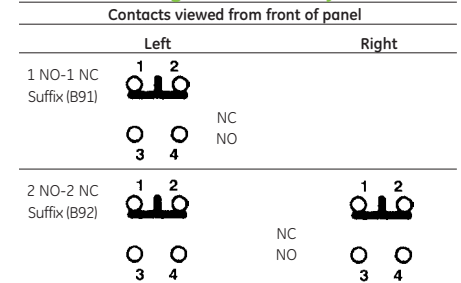
Operator Position	Cam #1		Cam #2		Cam #3	
	Type of Contact Block	Mounting Location Left/Right	Type of Contact Block	Mounting Location Left/Right	Type of Contact Block	Mounting Location Left/Right
O - X	NO	L or R	-	-	-	-
X - O	NC	L or R	-	-	-	-
X O -	-	-	NO	L or R	-	-
O X -	-	-	NC	L or R	-	-
- O X	-	-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

