

Pilot and Signaling Devices

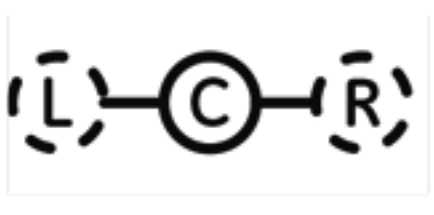
Heavy-Duty 30.5 mm Watertight/Oiltight Special Operators

CR104P

Joysticks
 600 Volts max. AC/DC
 10 Amperes Continuous

Suitable for use in NEMA Types 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. Boot is nitride rubber, check for application suitability. For optional silicone boot, contact factory for availability. Nine-position selector switch contact rating is 10 Amperes at 125/150 Volts ac. Terminals are solder or quick connect type.

3-Position



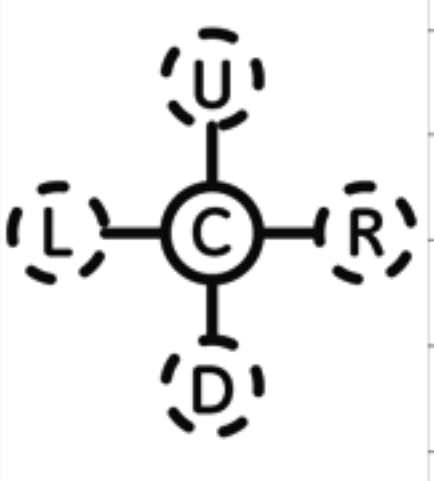
Position	Contact Block	
	Left	Right
R	X O	O X
C	-	-
L	O X	X O

Release Type	Product Number
Maintained	CR104PJJ31
Momentary	CR104PJB31
Momentary with mechanical interlock in center position	CR104PJB31B



Momentary

5-Position



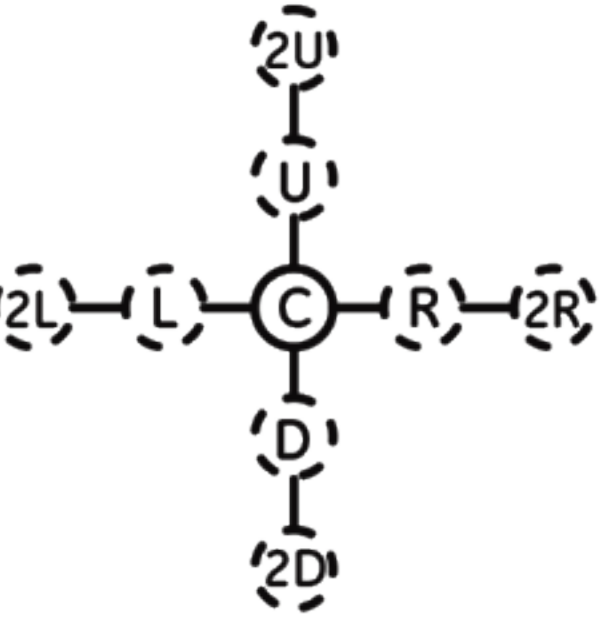
Position	Contact Block	
	Left	Right
U	X O	- -
R	- -	O X
C	-	-
D	O X	- -
L	- -	X O

Release Type	Product Number
Maintained	CR104PJC53
Momentary	CR104PJD53
Maintained with mechanical interlock in center position	CR104PJC53B
Momentary with mechanical interlock in center position	CR104PJD53B



Maintained

9-Position

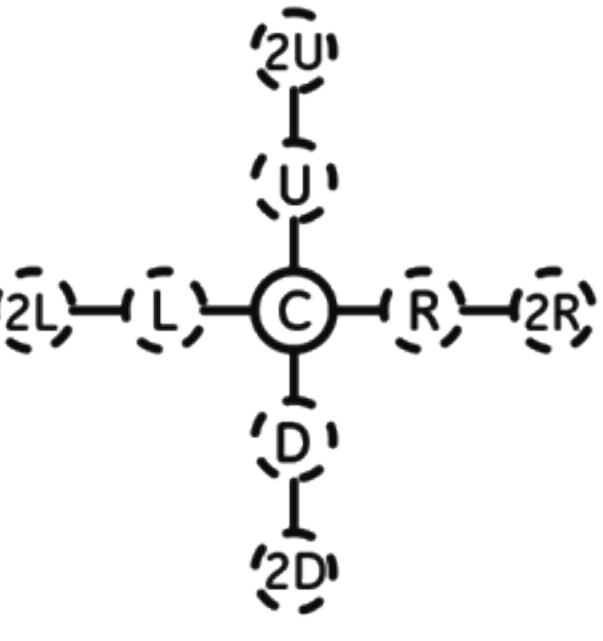


Pos.	Contact Block							
	1	2	3	4	5	6	7	8
2U	O	O	X	X	X	X	X	X
U	X	O	X	X	X	X	X	X
2R	X	X	X	X	O	O	X	X
R	O	O	O	O	O	X	O	O
C	X	X	X	X	X	X	X	X
D	O	O	O	O	O	O	O	O
2D	X	X	O	O	X	X	X	X
L	O	O	O	O	O	O	O	X
2L	X	X	X	X	X	X	O	O

Release Type	Product Number
Maintained	CR104PJL96
Momentary	CR104PJM96
Maintained with mechanical interlock in center position	CR104PJL96B
Momentary with mechanical interlock in center position	CR104PJM96B



Mechanical Interlock



Pos.	Contact Block							
	1	2	3	4	5	6	7	8
2U	O	X	X	X	X	X	X	X
U	X	O	X	X	X	X	X	X
2R	X	X	X	X	O	X	X	X
R	O	O	O	O	O	X	O	O
C	X	X	X	X	X	X	X	X
D	O	O	O	O	O	O	O	O
2D	X	X	X	O	X	X	X	X
L	O	O	O	O	O	O	O	X
2L	X	X	X	X	X	X	X	O

Release Type	Product Number
Maintained	CR104PJL97
Momentary	CR104PJM97
Maintained with mechanical interlock in center position	CR104PJL97B
Momentary with mechanical interlock in center position	CR104PJM97B



9-Position

