

Selector Switches



Contents

Description

Page

|                                                   |           |
|---------------------------------------------------|-----------|
| Pushbuttons—Non-Illuminated and Illuminated ..... | V7-T1-125 |
| Indicating Lights .....                           | V7-T1-134 |
| Emergency Stops .....                             | V7-T1-136 |
| Selector Switches                                 |           |
| Non-Illuminated, Knob Type .....                  | V7-T1-140 |
| Non-Illuminated, Key Operated .....               | V7-T1-141 |
| Technical Data and Specifications .....           | V7-T1-144 |
| Dimensions .....                                  | V7-T1-146 |

Selector Switches

Product Description

With over 20 variations of operation and 8 varieties of key codes, the C22 line offers a very complete line of selector switches.

**Note:** For additional accessories, please see Volume 7—Motor Controls, Logic and Connectivity, CA08100008E, Tab 37, section 374, 22.5 mm Modular Pushbuttons—M22.

Features

- Selector switch (non-keyed) rated for 1 million mechanical operations
- Momentary selector switches are field convertible from momentary to maintained

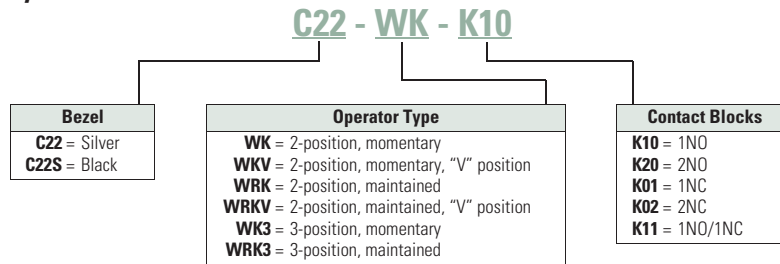
Protection Type

- IP65
- NEMA 4X, 13

## Catalog Number Selection

Catalog Number Selection is for illustrative purposes only and not to be used to create new catalog numbers.

### Selector Switches—Non-Keyed



## Product Selection

### Non-Illuminated, Knob Type

C22(S)-WK- /  
C22(S)-WRK-



#### Non-Illuminated Selector Switches, Knob Type

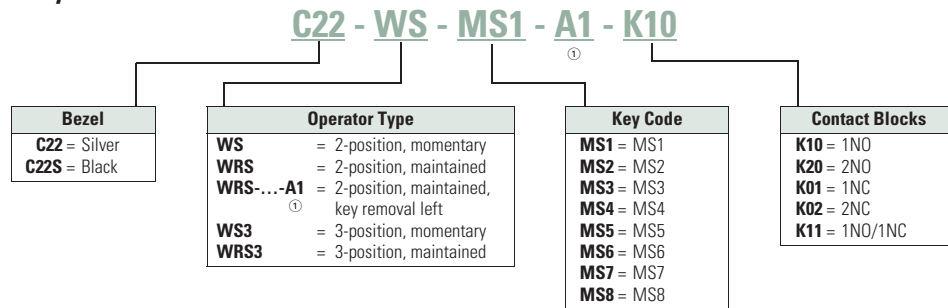
| Type           | Switching Position | Contact Block Configuration | Silver Bezel Catalog Number | Black Bezel Catalog Number |
|----------------|--------------------|-----------------------------|-----------------------------|----------------------------|
| Two-position   | Momentary<br>40°   | 1NO                         | C22-WK-K10                  | C22S-WK-K10                |
|                |                    | 2NO                         | C22-WK-K20                  | C22S-WK-K20                |
|                |                    | 1NC                         | C22-WK-K01                  | C22S-WK-K01                |
|                |                    | 2NC                         | C22-WK-K02                  | C22S-WK-K02                |
|                |                    | 1NO/1NC                     | C22-WK-K11                  | C22S-WK-K11                |
|                | Momentary<br>60°   | 1NO                         | C22-WKV-K10                 | C22S-WKV-K10               |
|                |                    | 2NO                         | C22-WKV-K20                 | C22S-WKV-K20               |
|                |                    | 1NC                         | C22-WKV-K01                 | C22S-WKV-K01               |
|                |                    | 2NC                         | C22-WKV-K02                 | C22S-WKV-K02               |
|                |                    | 1NO/1NC                     | C22-WKV-K11                 | C22S-WKV-K11               |
|                | Maintained<br>40°  | 1NO                         | C22-WRK-K10                 | C22S-WRK-K10               |
|                |                    | 2NO                         | C22-WRK-K20                 | C22S-WRK-K20               |
|                |                    | 1NC                         | C22-WRK-K01                 | C22S-WRK-K01               |
|                |                    | 2NC                         | C22-WRK-K02                 | C22S-WRK-K02               |
|                |                    | 1NO/1NC                     | C22-WRK-K11                 | C22S-WRK-K11               |
|                | Maintained<br>60°  | 1NO                         | C22-WRKV-K10                | C22S-WRKV-K10              |
|                |                    | 2NO                         | C22-WRKV-K20                | C22S-WRKV-K20              |
|                |                    | 1NC                         | C22-WRKV-K01                | C22S-WRKV-K01              |
|                |                    | 2NC                         | C22-WRKV-K02                | C22S-WRKV-K02              |
|                |                    | 1NO/1NC                     | C22-WRKV-K11                | C22S-WRKV-K11              |
| Three-position | Momentary<br>40°   | 2NO                         | C22-WK3-K20                 | C22S-WK3-K20               |
|                |                    | 2NC                         | C22-WK3-K02                 | C22S-WK3-K02               |
|                |                    | 1NO/1NC                     | C22-WK3-K11                 | C22S-WK3-K11               |
|                | Maintained<br>60°  | 2NO                         | C22-WRK3-K20                | C22S-WRK3-K20              |
|                |                    | 2NC                         | C22-WRK3-K02                | C22S-WRK3-K02              |
|                |                    | 1NO/1NC                     | C22-WRK3-K11                | C22S-WRK3-K11              |

**Note:** Momentary selector switches can be field converted to maintained.

## Catalog Number Selection

Catalog Number Selection is for illustrative purposes only and not to be used to create new catalog numbers.

### Selector Switches—Keyed



### Non-Illuminated, Key Operated

C22(S)-WS-MS\_

#### Non-Illuminated Selector Switches, Key Operated



| Position     | Type                                 | Key Code | Contact Block Configuration | Silver Bezel Catalog Number | Black Bezel Catalog Number |
|--------------|--------------------------------------|----------|-----------------------------|-----------------------------|----------------------------|
| Two-position | Momentary<br>key removal left<br>40° | MS1      | 1NO                         | C22-WS-MS1-K10              | C22S-WS-MS1-K10            |
|              |                                      |          | 2NO                         | C22-WS-MS1-K20              | C22S-WS-MS1-K20            |
|              |                                      |          | 1NC                         | C22-WS-MS1-K01              | C22S-WS-MS1-K01            |
|              |                                      |          | 2NC                         | C22-WS-MS1-K02              | C22S-WS-MS1-K02            |
|              |                                      |          | 1NO/1NC                     | C22-WS-MS1-K11              | C22S-WS-MS1-K11            |
|              |                                      | MS2      | 1NO                         | C22-WS-MS2-K10              | C22S-WS-MS2-K10            |
|              |                                      |          | 2NO                         | C22-WS-MS2-K20              | C22S-WS-MS2-K20            |
|              |                                      |          | 1NC                         | C22-WS-MS2-K01              | C22S-WS-MS2-K01            |
|              |                                      |          | 2NC                         | C22-WS-MS2-K02              | C22S-WS-MS2-K02            |
|              |                                      |          | 1NO/1NC                     | C22-WS-MS2-K11              | C22S-WS-MS2-K11            |
|              |                                      | MS3      | 1NO                         | C22-WS-MS3-K10              | C22S-WS-MS3-K10            |
|              |                                      |          | 2NO                         | C22-WS-MS3-K20              | C22S-WS-MS3-K20            |
|              |                                      |          | 1NC                         | C22-WS-MS3-K01              | C22S-WS-MS3-K01            |
|              |                                      |          | 2NC                         | C22-WS-MS3-K02              | C22S-WS-MS3-K02            |
|              |                                      |          | 1NO/1NC                     | C22-WS-MS3-K11              | C22S-WS-MS3-K11            |
|              |                                      | MS4      | 1NO                         | C22-WS-MS4-K10              | C22S-WS-MS4-K10            |
|              |                                      |          | 2NO                         | C22-WS-MS4-K20              | C22S-WS-MS4-K20            |
|              |                                      |          | 1NC                         | C22-WS-MS4-K01              | C22S-WS-MS4-K01            |
|              |                                      |          | 2NC                         | C22-WS-MS4-K02              | C22S-WS-MS4-K02            |
|              |                                      |          | 1NO/1NC                     | C22-WS-MS4-K11              | C22S-WS-MS4-K11            |
|              |                                      | MS5      | 1NO                         | C22-WS-MS5-K10              | C22S-WS-MS5-K10            |
|              |                                      |          | 2NO                         | C22-WS-MS5-K20              | C22S-WS-MS5-K20            |
|              |                                      |          | 1NC                         | C22-WS-MS5-K01              | C22S-WS-MS5-K01            |
|              |                                      |          | 2NC                         | C22-WS-MS5-K02              | C22S-WS-MS5-K02            |
|              |                                      |          | 1NO/1NC                     | C22-WS-MS5-K11              | C22S-WS-MS5-K11            |

**Note:** Momentary selector switches can be field converted to maintained.

## C22(S)-WRS-MS\_

## Non-Illuminated Selector Switches, Key Operated, continued



| Position                | Type                                        | Key Code | Contact Block Configuration | Silver Bezel Catalog Number | Black Bezel Catalog Number |
|-------------------------|---------------------------------------------|----------|-----------------------------|-----------------------------|----------------------------|
| Two-position, continued | Momentary<br>key removal left<br>40°        | MS6      | 1NO                         | C22-WS-MS6-K10              | C22S-WS-MS6-K10            |
|                         |                                             |          | 2NO                         | C22-WS-MS6-K20              | C22S-WS-MS6-K20            |
|                         |                                             |          | 1NC                         | C22-WS-MS6-K01              | C22S-WS-MS6-K01            |
|                         |                                             |          | 2NC                         | C22-WS-MS6-K02              | C22S-WS-MS6-K02            |
|                         |                                             |          | 1NO/1NC                     | C22-WS-MS6-K11              | C22S-WS-MS6-K11            |
|                         |                                             | MS7      | 1NO                         | C22-WS-MS7-K10              | C22S-WS-MS7-K10            |
|                         |                                             |          | 2NO                         | C22-WS-MS7-K20              | C22S-WS-MS7-K20            |
|                         |                                             |          | 1NC                         | C22-WS-MS7-K01              | C22S-WS-MS7-K01            |
|                         |                                             |          | 2NC                         | C22-WS-MS7-K02              | C22S-WS-MS7-K02            |
|                         |                                             |          | 1NO/1NC                     | C22-WS-MS7-K11              | C22S-WS-MS7-K11            |
|                         |                                             | MS8      | 1NO                         | C22-WS-MS8-K10              | C22S-WS-MS8-K10            |
|                         |                                             |          | 2NO                         | C22-WS-MS8-K20              | C22S-WS-MS8-K20            |
|                         |                                             |          | 1NC                         | C22-WS-MS8-K01              | C22S-WS-MS8-K01            |
|                         |                                             |          | 2NC                         | C22-WS-MS8-K02              | C22S-WS-MS8-K02            |
|                         |                                             |          | 1NO/1NC                     | C22-WS-MS8-K11              | C22S-WS-MS8-K11            |
| Two-position            | Maintained<br>key removal left/right<br>40° | MS1      | 1NO                         | C22-WRS-MS1-K10             | C22S-WRS-MS1-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS1-K20             | C22S-WRS-MS1-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS1-K01             | C22S-WRS-MS1-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS1-K02             | C22S-WRS-MS1-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS1-K11             | C22S-WRS-MS1-K11           |
|                         |                                             | MS2      | 1NO                         | C22-WRS-MS2-K10             | C22S-WRS-MS2-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS2-K20             | C22S-WRS-MS2-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS2-K01             | C22S-WRS-MS2-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS2-K02             | C22S-WRS-MS2-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS2-K11             | C22S-WRS-MS2-K11           |
|                         |                                             | MS3      | 1NO                         | C22-WRS-MS3-K10             | C22S-WRS-MS3-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS3-K20             | C22S-WRS-MS3-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS3-K01             | C22S-WRS-MS3-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS3-K02             | C22S-WRS-MS3-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS3-K11             | C22S-WRS-MS3-K11           |

**Note:** Momentary selector switches can be field converted to maintained.

C22(S)-WRS...-MS1\_

## Non-Illuminated Selector Switches, Key Operated, continued



| Position                | Type                                        | Key Code | Contact Block Configuration | Silver Bezel Catalog Number | Black Bezel Catalog Number |
|-------------------------|---------------------------------------------|----------|-----------------------------|-----------------------------|----------------------------|
| Two-position, continued | Maintained<br>key removal left/right<br>40° | MS4      | 1NO                         | C22-WRS-MS4-K10             | C22S-WRS-MS4-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS4-K20             | C22S-WRS-MS4-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS4-K01             | C22S-WRS-MS4-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS4-K02             | C22S-WRS-MS4-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS4-K11             | C22S-WRS-MS4-K11           |
|                         |                                             | MS5      | 1NO                         | C22-WRS-MS5-K10             | C22S-WRS-MS5-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS5-K20             | C22S-WRS-MS5-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS5-K01             | C22S-WRS-MS5-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS5-K02             | C22S-WRS-MS5-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS5-K11             | C22S-WRS-MS5-K11           |
|                         | Maintained<br>key removal left<br>40°       | MS6      | 1NO                         | C22-WRS-MS6-K10             | C22S-WRS-MS6-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS6-K20             | C22S-WRS-MS6-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS6-K01             | C22S-WRS-MS6-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS6-K02             | C22S-WRS-MS6-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS6-K11             | C22S-WRS-MS6-K11           |
|                         |                                             | MS7      | 1NO                         | C22-WRS-MS7-K10             | C22S-WRS-MS7-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS7-K20             | C22S-WRS-MS7-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS7-K01             | C22S-WRS-MS7-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS7-K02             | C22S-WRS-MS7-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS7-K11             | C22S-WRS-MS7-K11           |
|                         | Maintained<br>key removal left<br>40°       | MS8      | 1NO                         | C22-WRS-MS7-K10             | C22S-WRS-MS7-K10           |
|                         |                                             |          | 2NO                         | C22-WRS-MS7-K20             | C22S-WRS-MS7-K20           |
|                         |                                             |          | 1NC                         | C22-WRS-MS7-K01             | C22S-WRS-MS7-K01           |
|                         |                                             |          | 2NC                         | C22-WRS-MS7-K02             | C22S-WRS-MS7-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS7-K11             | C22S-WRS-MS7-K11           |
| Two-position            | Maintained<br>key removal left<br>40°       | MS1      | 1NO                         | C22-WRS-MS1-A1-K10          | C22S-WRS-MS1-A1-K10        |
|                         |                                             |          | 2NO                         | C22-WRS-MS1-A1-K20          | C22S-WRS-MS1-A1-K20        |
|                         |                                             |          | 1NC                         | C22-WRS-MS1-A1-K01          | C22S-WRS-MS1-A1-K01        |
|                         |                                             |          | 2NC                         | C22-WRS-MS1-A1-K02          | C22S-WRS-MS1-A1-K02        |
|                         |                                             |          | 1NO/1NC                     | C22-WRS-MS1-A1-K11          | C22S-WRS-MS1-A1-K11        |
|                         | Momentary<br>Key Removal Center<br>40°      | MS1      | 2NO                         | C22-WS3-MS1-K20             | C22S-WS3-MS1-K20           |
|                         |                                             |          | 2NC                         | C22-WS3-MS1-K02             | C22S-WS3-MS1-K02           |
|                         |                                             |          | 1NO/1NC                     | C22-WS3-MS1-K11             | C22S-WS3-MS1-K11           |
|                         | Maintained<br>Key Removal Left/Right<br>60° | MS1      | 2NO                         | C22-WRS3-MS1-K20            | C22S-WRS3-MS1-K20          |
|                         |                                             |          | 2NC                         | C22-WRS3-MS1-K02            | C22S-WRS3-MS1-K02          |
|                         |                                             |          | 1NO/1NC                     | C22-WRS3-MS1-K11            | C22S-WRS3-MS1-K11          |

**Note:** Momentary selector switches can be field converted to maintained.