

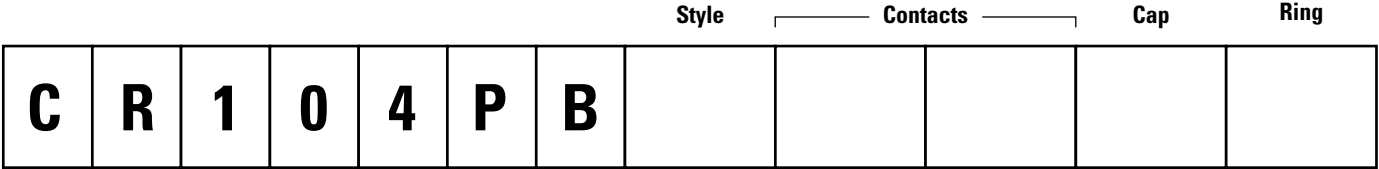
# Hot Buttons

| Description                    |                          |                   | Catalog numbers                  |                |                                    |   |   |
|--------------------------------|--------------------------|-------------------|----------------------------------|----------------|------------------------------------|---|---|
|                                |                          |                   | Assembled for maximum simplicity | Legend plate   | Components for maximum flexibility |   |   |
|                                |                          |                   |                                  |                | Operator                           | + | Contact block (or other component)      |
| <b>PUSH BUTTONS</b>            | START (Black)            | 1NO               | CR104PBG10B1                     | CR104PXN1BP037 | CR104PBG00B1 or CR104PBG00U1       | + | CR104PXC1                               |
|                                | STOP (Red)               | 1NC               | CR104PG01R1                      | CR104PXN1RP040 | CR104PBG00R1 or CR104PBG00U1       | + | CR104PXC01                              |
| Emergency stop (mushroom-head) | Push-pull                | 1NC               | CR104PBM01R5C                    | CR104PXN2RP009 | CR104PBM00R5C                      | + | CR104PXC01                              |
| Illuminated push-pull          | 120V transformer         | 1NO-1NC           | CR104PBT11R5C2                   | —              | CR104PBT11R5C                      | — | —                                       |
| Illuminated, guarded           | 120V transformer         | 1NO-1NC           | CR104PBT11G3S2                   | —              | CR104PBT11A1S2                     | + | CR104PXL05R (lens) + CR104PXG04 (guard) |
| <b>SELECTOR SWITCHES</b>       | OFF-ON (Black)           | 1NO-1NC           | CR104PSG21B91                    | CR104PXN1BP057 | CR104PSG21B                        | + | CR104PXC91                              |
|                                | HAND-OFF-AUTO (Black)    | 1NO-1NC           | CR104PSG34B91                    | CR104PXN1BP070 | CR104PSG34B                        | + | CR104PXC91                              |
| <b>PILOT LIGHTS</b>            | Red (ON)                 | 120V Full voltage | CR104PLG22R                      | CR104PXN1BP025 | CR104PLG22A                        | + | CR104PXL01R                             |
|                                | Green (OFF)              | 120V Full voltage | CR104PLG22G                      | CR104PXN1BP024 | CR104PLG22A                        | + | CR104PXL01G                             |
|                                | Red Push-To-Test (ON)    | 120V Transformer  | CR104PLT32R                      | CR104PXN1BP025 | CR104PLT32A                        | + | CR104PXL07R                             |
|                                | Green Push-To-Test (OFF) | 120V Transformer  | CR104PLT32G                      | CR104PXN1BP024 | CR104PLT32A                        | + | CR104PXL07G                             |

## Alternate buttons for local market needs

|                                |                          |                   |                 |                |               |   |             |
|--------------------------------|--------------------------|-------------------|-----------------|----------------|---------------|---|-------------|
| <b>PUSH BUTTONS</b>            |                          |                   |                 |                |               |   |             |
| Emergency stop (mushroom-head) | Basic                    | 1NC               | CR104PBM01R5    | CR104PXN2RP009 | CR104PBM00R5  | + | CR104PXC01  |
|                                | Push/turn-to-release     | 1NC               | CR104PTR20A0R01 | CR104PXN2RP009 | CR104PTR20A0R | + | CR104PXC01  |
| <b>PILOT LIGHTS</b>            | Red (ON)                 | 120V Transformer  | CR104PLG32R     | CR104PXN1BP025 | CR104PLG32A   | + | CR104PXL01R |
|                                | Green (OFF)              | 120V Transformer  | CR104PLG32G     | CR104PXN1BP024 | CR104PLG32A   | + | CR104PXL01G |
|                                | Red Push-To-Test (ON)    | 120V Full voltage | CR104PLT22R     | CR104PXN1BP025 | CR104PLT22A   | + | CR104PXL07R |
|                                | Green Push-To-Test (OFF) | 120V Full voltage | CR104PLT22G     | CR104PXN1BP024 | CR104PLT22A   | + | CR104PXL07G |

**Non-illuminated Push Buttons**



**G** = Standard  
**M** = Mushroom-head

**00** = None  
**01** = 1NC  
**10** = 1NO  
**91** = 1NO/1NC  
**92** = 2NO/2NC

**1** = Flush  
**2** = Extended  
**3** = Recessed  
**5** = 1 3/8" (35mm)  
**6** = 2 3/8" (60mm)

| Availability |               |
|--------------|---------------|
| Standard     | Mushroom-head |
| ■            |               |
| ■            |               |
| ■            |               |
|              | ■             |
|              | ■             |

| Availability         |               |
|----------------------|---------------|
| Standard Push Button | Mushroom-head |
| ■                    | ■             |
| ■                    | ■             |
| ■                    |               |
| ■                    | ■             |
| ■                    | ■             |
| ■                    |               |
| ■                    |               |
| ■                    |               |
| ■                    | ■             |
| ■                    |               |

**A** = No cap  
**B** = Black  
**C** = Clear  
**E** = Yellow  
**G** = Green  
**L** = Blue  
**M** = Orange  
**N** = Brown  
**R** = Red  
**W** = White

**Other forms available:**

- Push-on, push-off
- Push-pull
- Two push buttons with maintained latch kit
- Two push buttons with mechanical interlock kit
- Wobble stick
- Key-operated push buttons

**Tip for Quick Service:** For small quantities, order operator with color cap universal kit and separate contact blocks. These items are typically in distributor stock (CR104PG00U1,V1). For OEM samples, order above components for field assembly and order any necessary recessed or extended rings separately.

# Illuminated Push Buttons

| Type     |          | Contacts |          | Lens Color |          | Ring     |  | Lamp |  | Voltage |  |
|----------|----------|----------|----------|------------|----------|----------|--|------|--|---------|--|
| <b>C</b> | <b>R</b> | <b>1</b> | <b>0</b> | <b>4</b>   | <b>P</b> | <b>B</b> |  |      |  |         |  |

L = Full voltage  
 R = Resistor  
 T = Transformer

00 = None  
 10 = 1NO  
 01 = 1NC  
 11 = 1NO/1NC  
 92 = 2NO/2NC

F = Flashing  
 L = LED  
 N = Neon  
 S = Standard

2 = 120V  
 3 = 240V  
 4 = 480V  
 5 = 600V  
 6 = 6V  
 7 = 12V  
 8 = 24V

**Availability**

|                   | Standard | Mushroom-head |
|-------------------|----------|---------------|
| 1 = Extended      | ■        |               |
| 3 = With guard    | ■        |               |
| 5 = 1 3/8" (35mm) |          | ■             |

1 = Extended  
 3 = With guard  
 5 = 1 3/8" (35mm)

**Availability**

|                 | Standard | Mushroom-head |
|-----------------|----------|---------------|
| A = No lens/cap | ■        |               |
| C = Clear       | ■        | ■             |
| E = Yellow      | ■        | ■             |
| G = Green       | ■        | ■             |
| L = Blue        | ■        | ■             |
| M = Amber       | ■        | ■             |
| R = Red         | ■        | ■             |
| W = White       | ■        | ■             |

A = No lens/cap  
 C = Clear  
 E = Yellow  
 G = Green  
 L = Blue  
 M = Amber  
 R = Red  
 W = White

**Other forms available:**

- Push-on, push-off
- 2-position push-pull mushroom-head
- 3-position push-pull mushroom-head
- Dual input (120v)

**Available Combinations**

| Power Supply | Lamp         | Lens Color Code (Digit 4) | Voltage |    |    |     |     |     |     |
|--------------|--------------|---------------------------|---------|----|----|-----|-----|-----|-----|
|              |              |                           | 6       | 12 | 24 | 120 | 240 | 480 | 600 |
| Full Voltage | Incandescent | All                       | ■       | ■  | ■  | ■   |     |     |     |
|              | LED          | E,G,M,R                   | ■       | ■  | ■  | ■   |     |     |     |
|              | Neon         | R,W,C                     |         |    |    | ■   |     |     |     |
|              | Flashing     | All                       | ■       |    |    |     |     |     |     |
|              | Resistor     | All                       |         |    |    | ■   | ■   |     |     |
| Transformer  | Incandescent | All                       |         |    |    | ■   | ■   | ■   | ■   |
|              | LED          | E,G,M,R                   |         |    |    | ■   | ■   | ■   | ■   |
|              | Flashing     | All                       |         |    |    | ■   | ■   | ■   | ■   |

**Tip for Quick Service:** For small quantity orders of illuminated operators in colors other than red or green, order operator with red/green lens and order other color lenses separately.