



**30 mm Multifunction Operators UL Types 4, 4X, 13/NEMA 4, 4X, 13**


**Table 19.250: Non-Illuminated Push-Pull Screw-on Mushroom Operators, Plastic Head**<sup>[73]</sup>

|   | Description  | Color                 | With 2 N.C. Contacts (1 KA3, 1 KA5) | With 1 N.O. / 1 N.C. Contact (1 KA1) | Without Contacts <sup>[74]</sup> |
|---|--|-----------------------|-------------------------------------|--------------------------------------|----------------------------------|
|  <p>9001SKR9R<br/>Non-Illuminated<br/>1-5/8 in. Diameter Knob<br/>Includes Type KN179WP<br/>Legend Plate Marked<br/>Pull To Start Push To Stop</p> | <b>3 Position</b>  |                       |                                     |                                      |                                  |
|   | Momentary Pull-Maintained Neutral-Momentary Push <sup>[75]</sup> | Red                   | SKR8RH25                            | —                                    | SKR8R                            |
|   |  | Green                 | SKR8GH25                            | —                                    | SKR8G                            |
|   |  | Other <sup>[76]</sup> | SKR8▲H25                            | —                                    | SKR8▲                            |
|   | <b>2 Position<sup>[77]</sup></b>                                 |                       |                                     |                                      |                                  |
|   | Maintained Pull-Maintained Push                                  | Red                   | —                                   | SKR9RH13                             | SKR9R                            |
| Green   |  | —                     | SKR9GH13                            | SKR9G                                |                                  |
| Other <sup>[76]</sup>   |  | —                     | SKR9▲H13                            | SKR9▲                                |                                  |

**Table 19.251: Non-Illuminated Turn-to-Release Mushroom Operators**<sup>[73]</sup>

|  | Description   | Color | With 1 N.O. Contact (KA1) | With 2 N.O. / 2 N.C. Contacts (2 KA1) | Without Contacts |
|--|---|-------|---------------------------|---------------------------------------|------------------|
|  <p>9001SKR16H2</p> | 2 Position, Plastic Head Turn-to-Release Trigger Action | Red   | SKR16H13                  | SKR16H2                               | SKR16            |

**Table 19.252: Screw-On Plastic Illuminated Push-Pull Mushroom Operators**<sup>[73]</sup>

| Illuminated   | Description  | Voltage  | With Red Knob and 2 N.C. Contacts (1 KA3, 1 KA5) <sup>[78]</sup> | With Other Color Knob and 2 N.C. Contacts <sup>[76]</sup> <sup>[78]</sup> | With Other Color Knob Without Contacts <sup>[74]</sup> <sup>[76]</sup> <sup>[78]</sup> |
|---|--|--|--|---|--|
|  <p>9001SKR9P1<br/>Illuminated<br/>1-5/8 in. Diameter Knob<br/>Includes Type KN179WP Legend Plate Marked<br/>Pull to Start Push To Stop</p> | <b>3 Position</b>  |  |  |   |  |
|   | Momentary Pull-Maintained Neutral-Momentary Push <sup>[79]</sup> | 110–120 V, 50–60 Hz                                | SKR8P1RH25   | SKR8P1▲H25  | SKR8P1▲  |
|   |  | Other—Transformer, LED, Flashing <sup>[80]</sup>   | SKR8P♦RH25   | SKR8P♦▲H25  | SKR8P♦▲  |
|   |  | Other—Full Voltage, Resistor, Neon <sup>[75]</sup> | SKR8P♦RH25   | SKR8P♦▲H25  | SKR8P♦▲  |
|   | <b>2 Position</b>  |  |  |   |  |
|   | Maintained Pull-Maintained Push                                  | 110–120 V, 50–60 Hz                                | SKR9P1RH13   | SKR9P1▲H13  | SKR9P1▲  |
| Other—Transformer, L.E.D., Flashing <sup>[80]</sup>   |  | SKR9P♦RH13   | SKR9P♦▲H13   | SKR9P♦▲   |  |
| Other—Full Voltage, Resistor, Neon <sup>[75]</sup>  |  | SKR9P♦RH13   | SKR9P♦▲H13   | SKR9P♦▲   |  |

**Table 19.253: Color Codes**

| Color                  | SKR11, SKR12 | SKR8, SKR9 |
|------------------------|--------------|------------|
| Black <sup>[81]</sup>  | B            | B          |
| Red                    | R            | R          |
| Green                  | G            | G          |
| Blue                   | L            | L          |
| Yellow                 | Y            | Y          |
| White                  | W            | W          |
| Orange <sup>[81]</sup> | S            | S          |
| Clear                  | —            | —          |
| Amber                  | —            | A          |
| Gray                   | E            | —          |

**Table 19.254: Positions for 9001SKR8RH1 or H13**

|       | 9001SKR8RH1 or H13 |      |     |      |
|-------|--------------------|------|-----|------|
|       | KA3                | PULL | CTR | PUSH |
| (KA1) | X                  | O    | O   | O    |
|       | KA2                | O    | O   | X    |

**Table 19.255: Positions for 9001SKR8H25**

|  | 9001SKR8H25 |      |     |      |
|--|-------------|------|-----|------|
|  | KA3         | PULL | CTR | PUSH |
|  | KA5         | X    | O   | O    |
|  | KA2         | O    | O   | X    |

**NOTE:** To select and order Contact Blocks, Light Modules, Knobs, and Accessories, see [Type KA Contact Blocks, page 19-90](#) through [Hermetically Sealed Power Reed Contact Blocks, page 19-92](#).

<sup>[73]</sup> When ordering, add prefix 9001 to the catalog number.  
<sup>[74]</sup> These operators can be ordered complete with contact blocks. For maximum block usage, see [Table 19.280 "H" Codes, page 19-93](#). Add the chosen "H" number to the end of the operator.  
<sup>[75]</sup> On neon light modules, use clear knobs only.  
<sup>[76]</sup> ▲ See [Table 19.253 Color Codes, page 19-83](#) and insert the color code in the Type number. Example: SKR9( ) with a yellow knob = SKR9Y  
<sup>[77]</sup> To obtain a red knob with "Push Emergency Stop" printed on the red knob—substitute "R05" in place of "R"  
<sup>[78]</sup> ♦ Add the voltage assembly code as chosen from [Standard and Shallow Depth Light Modules, page 19-91](#). Example: SKR8P♦ with 277 V 50–60 Hz = SKR8P8  
<sup>[79]</sup> For positions, refer to [Table 19.254 Positions for 9001SKR8RH1 or H13, page 19-83](#) and [Table 19.255 Positions for 9001SKR8H25, page 19-83](#).  
<sup>[80]</sup> The knob must be the same color as the LED light module chosen, for example, for a green LED, use a green knob.  
<sup>[81]</sup> These colors are not available on illuminated push-pull operators.