The Series 51 is a high quality switch range that includes pushbuttons, indicators, illuminated selector switches and keylock switches. It is possible to choose up to 4NO/4NC snap-action switching elements per switch. Low level switching elements are also available.

Technical drawings see pages 56-57

- IP65 Protection
- Switch Rating, 5A, 250VAC
- Raised Mounting into 16mm cut out
- Illumination using midget-grooved T-1⅛ lamps or single chip LED’s
- All standard lenses are transparent with translucent white diffusers, and are available in different colors
- For keylock switches 2 key systems and 145 different key codes are available
- QC versions also available

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For complete switch also order  A

Product Profile

**Indicator**

Indicator bodies, raised in round, square and rectangular, black plastic, 16mm mounting, solder terminals

<table>
<thead>
<tr>
<th>Image</th>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>51-040.005</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>2</td>
<td>51-050.005</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>3</td>
<td>51-030.005</td>
<td>18mm Ø</td>
</tr>
</tbody>
</table>

**Illuminated pushbutton**

Illuminated pushbutton, snap-action, raised, rectangular, black plastic, 16mm mounting, solder terminals, gold over silver contacts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Action</th>
<th>Contact type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-121.025</td>
<td>Momentary</td>
<td>1NO/1NC</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>51-122.025</td>
<td>Momentary</td>
<td>2NO/2NC</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>51-261.025</td>
<td>Maintained</td>
<td>1NO/1NC</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>51-262.025</td>
<td>Maintained</td>
<td>2NO/2NC</td>
<td>18 x 24mm</td>
</tr>
</tbody>
</table>

For complete switch also order  A

**Illuminated pushbutton**

Illuminated pushbutton, snap-action, raised, round, black plastic, 16mm mounting, solder terminals, gold over silver contacts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Action</th>
<th>Contact type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-131.025</td>
<td>Momentary</td>
<td>1NO/1NC</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>51-132.025</td>
<td>Momentary</td>
<td>2NO/2NC</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>51-231.025</td>
<td>Maintained</td>
<td>1NO/1NC</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>51-331.025</td>
<td>Maintained</td>
<td>1NO/1NC</td>
<td>18 x 24mm</td>
</tr>
</tbody>
</table>

For complete switch also order  A

**Illuminated pushbutton**

Illuminated pushbutton, snap-action, raised, square, black plastic, 16mm mounting, solder terminals, gold over silver contacts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Action</th>
<th>Contact type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-135.025</td>
<td>Momentary</td>
<td>A+C</td>
<td></td>
</tr>
<tr>
<td>51-136.025</td>
<td>Momentary</td>
<td>A+C</td>
<td></td>
</tr>
<tr>
<td>51-235.025</td>
<td>Maintained</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>51-335.025</td>
<td>Maintained</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

For complete switch also order  A

**Keylock switch**

Keylock switch, 2 position, raised, snap-action, round, black plastic, 18mm Ø, solder terminals, gold over silver contacts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Action</th>
<th>Contact type</th>
<th>Key rem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-135.025</td>
<td>Momentary</td>
<td>1NO/1NC</td>
<td>A+C</td>
</tr>
<tr>
<td>51-136.025</td>
<td>Momentary</td>
<td>2NO/2NC</td>
<td>A+C</td>
</tr>
<tr>
<td>51-235.025</td>
<td>Maintained</td>
<td>1NO/1NC</td>
<td>A</td>
</tr>
<tr>
<td>51-335.025</td>
<td>Maintained</td>
<td>1NO/1NC</td>
<td>C</td>
</tr>
</tbody>
</table>

For complete switch also order  A
Choose one component from each of the colored sections to assemble a complete switch.

For other options or further information please contact EAO Switch directly.

---

### Keylock switch

Choose one component from each of the colored sections to assemble a complete switch.

**Colors:** Red, Yellow, Green, Blue, White

#### Drawing Part No. | Contact type | Key rem.
--- | --- | ---
2 51-145.025D | 1NO/1NC | A
2 51-146.025D | 2NO/2NC | A
1 51-155.025D | 1NO/1NC | A+C
1 51-255.025D | 1NO/1NC | A
1 51-355.025D | 1NO/1NC | C
1 51-395.025D | 1NO/1NC | C
1 51-396.025D | 2NO/2NC | C
2 51-495.025D | 1NO/1NC | A
2 51-496.025D | 2NO/2NC | A

For complete switch also order:

- **Red:**
- **Yellow:**
- **Green:**
- **Blue:**
- **White:**

---

### Selector switch

Choose one component from each of the colored sections to assemble a complete switch.

**Colors:** Red, Yellow, Green, Blue, White

#### Drawing Part No. | Contact type | Key rem.
--- | --- | ---
5 52-131.025 | 1NO/1NC | A
5 52-132.025 | 2NO/2NC | A
6 52-271.025 | 1NO/1NC | A
6 52-272.025 | 2NO/2NC | A

For complete switch also order:

- **Red:**
- **Yellow:**
- **Green:**
- **Blue:**
- **White:**

---

### LED

Choose one component from each of the colored sections to assemble a complete switch.

**Colors:** Red, Yellow, Green, Blue, White

#### Color | Part No. | Voltage
--- | --- | ---
Red | 10-2J09.1062 | 12VAC/DC, 7/14mA
Yellow | 10-2J09.1064 | 12VAC/DC, 7/14mA
Green | 10-2J09.1065 | 12VAC/DC, 4/7mA
Blue | 10-2J09.1066 | 12VAC/DC, 7/14mA
White | 10-2J09.1069 | 12VAC/DC, 7/14mA
Red | 10-2J13.1062 | 28VAC/DC, 7/14mA
Yellow | 10-2J13.1064 | 28VAC/DC, 7/14mA
Green | 10-2J13.1065 | 28VAC/DC, 4/7mA
Blue | 10-2J13.1066 | 28VAC/DC, 7/14mA
White | 10-2J13.1069 | 28VAC/DC, 7/14mA

For complete switch also order:

- **Red:**
- **Yellow:**
- **Green:**
- **Blue:**
- **White:**

---

*For complete switch also order:* ☝️
# A Accessories

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>51-901.0</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Red</td>
<td>51-903.2</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Yellow</td>
<td>51-903.4</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Green</td>
<td>51-903.5</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Blue</td>
<td>51-903.6</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Clear</td>
<td>51-903.7</td>
<td>18 x 24mm</td>
</tr>
</tbody>
</table>

- Lens, opaque for rectangular pushbutton actuators, not for illumination
- Lens, front transparent with white diffuser for rectangular indicator and pushbutton actuators
- Lens, opaque for square pushbutton actuators, not for illumination

---

## Accessories

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>51-953.2</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>Yellow</td>
<td>51-953.4</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>Green</td>
<td>51-953.5</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>Blue</td>
<td>51-953.6</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>Clear</td>
<td>51-953.7</td>
<td>18 x 18mm</td>
</tr>
</tbody>
</table>

- Lens, front transparent with white diffuser for square indicator and pushbutton actuators
- Lens, opaque for round pushbutton actuators, not for illumination
- Lens, front transparent with white diffuser for round indicator and pushbutton actuators

---

Choose one component from each of the colored sections to assemble a complete switch.

For other options or further information please contact EAO Switch directly.
A Accessories

Lever for selector switch, colored lever bar options available as indicated

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Window</th>
<th>Image</th>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>52-928.0</td>
<td>Opaque</td>
<td>1</td>
<td>51-925</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Red</td>
<td>52-928.20</td>
<td>Transparent</td>
<td>2</td>
<td>51-920</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>Yellow</td>
<td>52-928.40</td>
<td>Transparent</td>
<td>3</td>
<td>51-947.0</td>
<td>18 x 24mm</td>
</tr>
<tr>
<td>Green</td>
<td>52-928.50</td>
<td>Transparent</td>
<td>4</td>
<td>51-948.0</td>
<td>18 x 18mm</td>
</tr>
<tr>
<td>Blue</td>
<td>52-928.60</td>
<td>Transparent</td>
<td>5</td>
<td>51-949.0</td>
<td>18mm Ø</td>
</tr>
</tbody>
</table>

Flap guard, raised in square, round and rectangular

Blanking plate

Image Part No. Size
1 51-947.0 18 x 24mm
2 51-947.0 18 x 18mm
3 51-949.0 18mm Ø

*Can be used with round pushbuttons

A Accessories

Mounting tool, lens and LED remover

Image | Part No. | Product description
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01-907</td>
<td>Mounting tool</td>
</tr>
<tr>
<td>2</td>
<td>02-905</td>
<td>Lens remover</td>
</tr>
<tr>
<td>3</td>
<td>61-9740.0</td>
<td>LED remover</td>
</tr>
<tr>
<td>4</td>
<td>02-906</td>
<td>Lamp remover</td>
</tr>
</tbody>
</table>

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For other options or further information please contact EAO Switch directly.
Series 51

51 Indicator
Raised

51 Pushbutton
Raised, Round, Square, Rectangular

51 Keylock
Raised, 2-Position, Round, Square, Rectangular

52 Selector
Raised, 2-Position, Round

52 Selector
Raised, 3-Position, Round
51 Cut-outs
Indicator, Pushbutton, Round, Square, Rectangular

Keylock 2-Position Round, Keylock 2-Position Square,
Keylock 2-Position Rectangular, 2 & 3-Position Selector Round