Miniature Snap-In Nylon Illuminated Rocker

Features
- Single Pole
- AC Rated, Also Suitable for Low Voltage DC Applications
- Double Insulated

![Image of Miniature Snap-In Nylon Illuminated Rocker]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuit</th>
<th>Action</th>
<th>Actuator</th>
<th>Lens Color</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-054</td>
<td>SPST</td>
<td>OFF</td>
<td>NONE ON</td>
<td>Nylon</td>
<td>Red</td>
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</table>

S16 Terminal Types:
- .250" Tab (Q.C.)
- .069 (1.75) Dia

Wiring Diagram:

Lamp Indicator

1.25 (31.75) x .550 (13.97)

Specifications
- Current Rating: 15A 125VAC, 10A 250VAC, 3/4 HP 125–250VAC
- Lamp Voltage: 125V Neon
- Insulation Resistance: 100 Megohms (min.)
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: +32° to +185°F (0° to +85°C)
- Electrical Life: 100,000 cycles
- Mechanical Life: 100,000 cycles
- Terminal Type: .250" Tab Q.C.
- Mounting Hole: 1.125 (28.57) x .550 (13.97)

Miniature Snap-In Nylon Illuminated Rocker

Features
- Single Pole
- .250" Quick Connect Terminals

![Image of Miniature Snap-In Nylon Illuminated Rocker]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuit</th>
<th>Action</th>
<th>Actuator</th>
<th>Lens Color</th>
<th>Diag No.</th>
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<tbody>
<tr>
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<td>SPST</td>
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<td>NONE ON</td>
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<td>Amber</td>
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<tr>
<td>54-065</td>
<td>SPST</td>
<td>OFF</td>
<td>NONE ON</td>
<td>Red</td>
<td>S18b</td>
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<tr>
<td>54-517</td>
<td>SPST</td>
<td>OFF</td>
<td>NONE ON</td>
<td>Clear Nylon</td>
<td>Red</td>
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<tr>
<td>54-518</td>
<td>SPST</td>
<td>OFF</td>
<td>NONE ON</td>
<td>Green</td>
<td>S18b</td>
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<tr>
<td>54-519</td>
<td>SPST</td>
<td>OFF</td>
<td>NONE ON</td>
<td>Amber</td>
<td>S18b</td>
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</tbody>
</table>

S18 Terminal Types:
- .250" Tab (Q.C.)

Wiring Diagram:

Lamp Indicator

1.125 (28.57) x .550 (13.97)

Specifications
- Current Rating: 16A 125VAC, 10A 250VAC, 10(4)A 250VAC
- Lamp Voltage: 125V Neon
- Insulation Resistance: 100 Megohms (min.)
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: +32° to +185°F (0° to +85°C)
- Electrical Life: 100,000 cycles
- Mechanical Life: 100,000 cycles
- Terminal Type: .250" Tab Q.C.
- Mounting Hole: 1.125 (28.58) x .550 (13.97)
Miniature Snap-In Illuminated Rocker for Low Voltage Applications

Features
- For Low Voltage Applications
- .250" Quick Connect Terminals

NTE Type No.  | Circuitry  | Action  | Actuator  | Lens Color  | Diag No.
-------------|------------|---------|-----------|-------------|---------
54-083       | SPST       | OFF     | NONE      | ON          | Translucent Nylon | Red     | S18b
54-086       | SPST       | OFF     | NONE      | ON          | Clear Nylon | Blue    | S18b

Specifications
Current Rating: 10A 12VDC
Lamp Voltage: 12V Incandescent
Insulation Resistance: 100 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +32° to +185°F (0° to +85°C)
Electrical Life: 100,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .250" Tab Q.C.
Mounting Hole: 1.125 (28.58) x .550 (13.97)

Miniature Snap-In Nylon Illuminated Rocker

Features
- Single Pole
- .250" Quick Connect Terminals

NTE Type No.  | Circuitry  | Action  | Actuator  | Lens Color  | Diag No.
-------------|------------|---------|-----------|-------------|---------
54-105       | SPST       | OFF     | NONE      | ON          | Translucent Nylon | Amber   | S19b
54-106       | SPST       | OFF     | NONE      | ON          | Red      | S19b

Specifications
Current Rating: 16A 125VAC, 10A 250VAC, 10(4)A 250VAC*
Lamp Voltage: 125V Neon
Insulation Resistance: 100 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +32° to +185°F (0° to +85°C)
Electrical Life: 100,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .250" Tab Q.C.
Mounting Hole: 1.125 (28.58) x .550 (13.97)
Miniature Snap-In Nylon Illuminated Rocker

Features
- Single Pole
- .187" Quick Connect Terminals
- Fits Standard Panel Cutout
- High Inrush Capability
- Shallow base Design

Specifications
Current Rating: 12A 125VAC, 8A 250VAC, 1/2 HP 125–250VAC
Lamp Voltage: 125V Neon
Insulation Resistance: 50 Megohms (min.)
Dielectric Strength: 1500V RMS (min.)
Temperature Rating: +32° to +185°F (0° to +85°C)
Electrical Life: 50,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .187" Tab Q.C.
Mounting Hole: See Table 1

Miniature Snap-In Nylon Illuminated Rocker

Features
- Double Pole
- .250" Quick Connect Terminals
- High Inrush Capability

Specifications
Current Rating: 20A 125VAC, 15A 250VAC
Lamp Voltage: 125V Neon
Insulation Resistance: 100 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +32° to +185°F (0° to +85°C)
Electrical Life: 50,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .250" Tab Q.C.
Mounting Hole: 1.125 (28.58) x 1.000 (25.4)
Snap-In Nylon Illuminated Rocker

Features
- AC Rated, Also Suitable for Low Voltage DC Applications

Specifications
Current Rating: 10A 125VAC
Lamp Voltage: 2.1V LED
Insulation Resistance: 100 Megohms (min.) at 500VDC
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +44* to +131°F (-10° to +55°C)
Electrical Life: 20,000 cycles
Mechanical Life: 30,000 cycles
Terminal Type: .250” Tab O.C.
Mounting Hole: 1.189 (30.2) x .413 (10.5)
Snap-In Round Hole Illuminated Rocker

Features
- AC and DC Types

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Material</th>
<th>Color</th>
<th>Vltg</th>
<th>Diag No.</th>
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<tbody>
<tr>
<td>54-506</td>
<td>SPST</td>
<td>UN</td>
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<td>S90</td>
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<td>54-533</td>
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<td>Nylon</td>
<td>Amber</td>
<td>AC</td>
<td>S90</td>
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<td>54-534</td>
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<td>54-536</td>
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<td>Nylon</td>
<td>Amber</td>
<td>DC</td>
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<td>54-537</td>
<td>SPST</td>
<td>ON</td>
<td>Nylon</td>
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<td>S90</td>
</tr>
<tr>
<td>54-538</td>
<td>SPST</td>
<td>UN</td>
<td>Nylon</td>
<td>Blue</td>
<td>DC</td>
<td>S90</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 16A 125VAC, 10A 250VAC
- Lamp Voltage: 110V Neon (AC) & 2V @ 20mA* LED (DC)
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: −4°F to +149°F (−20°C to +65°C)
- Electrical Life: 6000 cycles (min.)
- Mechanical Life: 100,000 cycles (min.)
- Terminal Type: .187” Tab Q.C.
- Mounting Hole: .795 (20.2)

* Resistor needed for other voltages.

Snap-In Round Hole Illuminated Rocker

Features
- Waterproof Types Available on Page 27

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Material</th>
<th>Color</th>
<th>Vltg</th>
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<td>DC</td>
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<td>54-527</td>
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<td>DC</td>
<td>S90</td>
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<td>S90</td>
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<td>54-530</td>
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<td>UN</td>
<td>Nylon</td>
<td>Red</td>
<td>DC</td>
<td>S90</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 16A 125VAC, 10A 250VAC
- Lamp Voltage: 110V (AC) Neon, 12V (DC) Incandescent
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: −4°F to +149°F (−20°C to +65°C)
- Electrical Life: 6000 cycles (min.)
- Mechanical Life: 100,000 cycles (min.)
- Terminal Type: .187” Tab Q.C.
- Mounting Hole: .795 (20.2)
Round Hole Illuminated Rocker, Square Bezel

Features
- Circuit Contains Illuminated Neon Indicator
- Single Pole

Specifications
- Current Rating: 16A 125VAC, 10A 250VAC
- Lamp Voltage: 110V Neon
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: −4°F to +149°F (−20°C to +65°C)
- Electrical Life: 6000 cycles (min.)
- Mechanical Life: 100,000 cycles (min.)
- Terminal Type: .187" Tab Q.C.
- Mounting Hole: .795 (20.2)

Round Hole Illuminated Rocker, Square Bezel

Features
- Independent, Illuminated LED Indicator
- Single Pole

Specifications
- Current Rating: 16A 125VAC, 10A 250VAC
- Lamp Voltage: 3V LED
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: −4°F to +149°F (−20°C to +65°C)
- Electrical Life: 6000 cycles (min.)
- Mechanical Life: 100,000 cycles (min.)
- Terminal Type: .187" Tab Q.C.
- Mounting Hole: .795 (20.2)
Sealed Automotive/Marine Nylon Snap–In Rocker, Illuminated

Features
- IP66/IP68 Certified
- UL1500 Recognized – Ignition Protection for Marine Use
- Sealed for Auto/Marine applications
- Salt Spray Resistant
- Able to Withstand –40° to +85°C Temperature

Specifications
- Current Rating: 20A 12VDC
- Lamp Voltage: 12V Incandescent
- Insulation Resistance: 50 Megohms (min.)
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: –40° to +185°F (–40° to +85°C)
- Electrical Life: 50,000 to 100,000 cycles circuit dependent
- Mechanical Life: 150,000 cycles
- Terminal Type: .250” Tab O.C.
- Mounting Hole: 1.450 (36.83) x .830 (21.08)

NTE Type No. | Circuit | Action | Actuator | Lens Color | Diag No.
--- | --- | --- | --- | --- | ---
54-034 | SPST | ON | NONE | OFF | Amber S17
54-035 | SPST | ON | NONE | OFF | Green S17
54-036 | DPDT | ON | OFF | ON | Amber S17
54-037 | DPDT | ON | OFF | ON | Green S17
54-038 | SPST | [ON] | NONE | OFF | Red S17
54-040 | DPDT | [ON] | OFF | [ON] | Red S17
54-042 | DPDT | [ON] | OFF | [ON] | Green S17
54-043 | DPDT | [ON] | OFF | [ON] | Blue S17
54-087 | SPST | ON | NONE | OFF | Green S17
54-088 | SPST | ON | NONE | OFF | Blue S17
54-089 | DPDT | ON | OFF | ON | Amber S17
54-090 | DPDT | ON | OFF | ON | Blue S17
54-091 | SPST | [ON] | NONE | OFF | Red S17
54-092 | SPST | [ON] | NONE | OFF | Blue S17

SPECIAL NOTE: ( ) = Momentary Function
### Waterproof Miniature Illuminated Rocker

**Features**
- Waterproof: IP65
- Single Pole
- .187” Quick Connect Terminals

**Specifications**
- Current Rating: 16A 125VAC 1/3 HP, 10A 250VAC 1/2 HP
- Lamp Voltage: 110V Neon (AC) & 12V LED (DC)
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: +32° to +185°F (0° to +85°C)
- Electrical Life: 10,000 cycles
- Mechanical Life: 50,000 cycles at full load
- Terminal Type: .187” Tab Q.C.
- Mounting Hole: See Table 1

### Waterproof Round Illuminated Rocker

**Features**
- Waterproof: IP65
- Single Pole
- .187” Quick Connect Terminals

**Specifications**
- Current Rating: 16A 125VAC, 10A 250VAC
- Lamp Voltage: 110V Neon (AC) & 12V LED (DC)
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: +32° to +185°F (0° to +85°C)
- Electrical Life: 10,000 cycles
- Mechanical Life: 50,000 cycles at full load
- Terminal Type: .187” Tab Q.C.
- Mounting Hole: .795 (20.2)
Waterproof Round Illuminated Rocker

Features

- Waterproof: IP65
- Double Pole
- .187” Quick Connect Terminals

 Specifications

- Current Rating: 16A 125VAC, 10A 250VAC
- Lamp Voltage: 110V Neon (AC) & 12V LED (DC)
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: +32°F to +185°F (0°C to +85°C)
- Electrical Life: 10,000 cycles
- Mechanical Life: 50,000 cycles at full load
- Terminal Type: .187” Tab Q.C.
- Mounting Hole: .795 (20.2)

Waterproof Miniature Illuminated Rocker

Features

- Waterproof: IP66
- Single Pole
- .250” Quick Connect Terminals

 Specifications

- Current Rating: 20A 125VAC 1/3 HP, 10A 250VAC 3/4 HP, 20A 14VAC, 10A 24VAC
- Lamp Voltage: 110V Neon (AC) & 12V LED (DC)
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: +32°F to +185°F (0°C to +85°C)
- Electrical Life: 10,000 cycles
- Mechanical Life: 50,000 cycles at full load
- Terminal Type: .250” Tab Q.C.
- Mounting Hole: 1.450 (36.8) x .600 (15.2)
Waterproof Illuminated Rocker

Features
- Waterproof: IP66
- Single and Double Pole
- Available in Single and Dual Color Types
- .250” Quick Connect Terminals

Specifications
- Current Rating: 20A 125VAC, 10A 250 VAC.
  12A 125 VAC 3/4 HP, 10A 277VAC 3/4 HP
- Lamp Voltage: 110V Neon (AC) & 12V LED (DC)
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: +32° to +149°F (0° to +65°C)
- Electrical Life: 10,000 cycles
- Mechanical Life: 50,000 cycles at full load
- Terminal Type: .250” Tab Q.C.
- Mounting Hole: See Table 1

Table 1.

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<thead>
<tr>
<th>Panel Thickness</th>
<th>Y</th>
<th>.030 (.750)</th>
<th>.049 (1.25)</th>
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<th>.118 (3.00)</th>
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<td>Mounting Hole</td>
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</tbody>
</table>

* Designates Non-Illuminated Type
Waterproof Dual Color Illuminated Rocker

**Features**
- IP67 Certified
- Single and Double Pole
- Dual Color Types
- .250" Quick Connect Terminals

**Specifications**
- **Current Rating:** 20A 12VDC
- **Lamp Voltage:** 12V LED (DC)
- **Insulation Resistance:** 50 Megohms
- **Dielectric Strength:**
  - Between Pole to Pole: 1250 VRMS
  - Between Live Parts & Accessible Surfaces: 3750 VRMS
- **Temperature Rating:**
  - −40°F to +185°F (−40°C to +85°C)
- **Electrical Life:** 50,000 cycles momentary at rated voltage & current
- **Mechanical Life:** 250,000 cycles min.
- **Terminal Type:** .250" Tab Q.C.
- **Mounting Hole:** 1.734 (44.04) x .867 (22.02)

Round Hole Illuminated Rocker, Square Bezel

**Features**
- Illuminated LED Indicator

**Specifications**
- **Current Rating:** 20A 12VDC
- **Lamp Voltage:** 2V @ 20mA LED (DC)
- **Insulation Resistance:** 100 Megohms (min.) at 500VDC
- **Dielectric Strength:** 1500V RMS (min.)
- **Temperature Rating:** −13°F to +185°F (−25°C to +85°C)
- **Electrical Life:** 6000 cycles (min.)
- **Mechanical Life:** 100,000 cycles (min.)
- **Terminal Type:** .187" Tab Q.C.
- **Mounting Hole:** .795 (20.2)