## Toggle Switches

### Bat Handle

#### Features
- Neoprene Seal Toggle (54-456 thru 54-459, 54-659 ONLY)
- Slow Make, Slow Break Contacts
- AC Rated, Suitable for Low Voltage DC Also
- Standard .500" Dia Mounting Hole
- Various Terminal Selections

#### Specifications

<table>
<thead>
<tr>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPST</td>
<td>OFF</td>
<td>NONE ON</td>
</tr>
<tr>
<td>SPDT</td>
<td>ON</td>
<td>OFF ON</td>
</tr>
<tr>
<td>S36</td>
<td>ON</td>
<td>OFF ON</td>
</tr>
<tr>
<td>S36</td>
<td>OFF</td>
<td>NONE ON</td>
</tr>
</tbody>
</table>

#### Current Rating:
- 10A 125VAC, 8A 125VDC, 4A 250VDC, 1/3 HP 125VAC

#### Dielectric Strength:
- 1000V RMS (min.)

#### Temperature Rating:
- 149°F (+65°C) Max

#### Electrical Life:
- 25,000 cycles Min

#### Mechanical Life:
- 100,000 cycles

#### Terminal Type:
- Integrated Wire

#### Mounting Hole:
- .500 (12.7)
Toggle Switches

Bat Handle

Features
- Slow Make, Slow Break Contacts
- AC Rated, Suitable for Low Voltage DC Also
- Standard .500" Dia Mounting Hole
- Screw Mount Terminals

Specifications

Current Rating: 6A 125VAC, 3A 250VAC, 1/4 HP 120–240VAC
Insulation Resistance: 100 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: 0°F to +150°F (~−17.8°C to +65.6°C)
Electrical Life: 50,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: Screw Type
Mounting Hole: .500 (12.7)

NTE Type No. | Circuitry | Action | Actuator | Diag No.
---|---|---|---|---
54−094 | SPST | (ON) | NONE | OFF | Brass/Nickel Plate | S1c
54−108 | SPDT | UN | NONE | UN | Brass/Nickel Plate | S1c
54−144 | SPST | UN | NONE | OFF | Brass/Nickel Plate | S1c

SPECIAL NOTE: ( ) = Momentary Function

Bat Handle

Features
- AC Rated, General Purpose
- Industry Standard .500" Dia Mounting Hole
- .250" Quick Connect Terminals

Specifications

Current Rating:
- 54−005: 20A 125VAC, 10A 250VAC, 1 1/2 HP 125–250VAC
- 54−098: 10A 125VAC, 5A 250VAC, 1/2 HP 125–250VAC

Insulation Resistance: 100 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +32°F to +185°F (0°C to +85°C)
Electrical Life: 25,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .250" Tab Q.C.
Mounting Hole: .500 (12.7)

NTE Type No. | Circuitry | Action | Actuator | Diag No.
---|---|---|---|---
54−005 | SPST | ON | NONE | OFF | Brass/Nickel Plate | S3b
54−098 | SPDT | ON | NONE | ON | Brass/Nickel Plate | S3b

NTE Electronics, Inc. • Voice (973) 748–5089 • FAX (973) 748–6224 • http://www.nteinc.com
Bat Handle

Features
- Slow-Make/Slow-Break Butt Contact
- 1 HP, 125–250VAC

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4-590</td>
<td>DPST</td>
<td>ON</td>
<td>NONE</td>
<td>S98b</td>
</tr>
<tr>
<td>S4-591</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S98b</td>
</tr>
<tr>
<td>S4-592</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S98b</td>
</tr>
</tbody>
</table>

SPECIAL NOTE: ( ) = Momentary Function

Specifications
- Current Rating: 20A 125VAC, 10A 250VAC, 1 HP 125–250VAC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: +14°F to +149°F (-10°C to +65°C)
- Electrical Life: 10,000 cycles (min.) at full load
- Mechanical Life: 30,000 cycles (min.)
- Terminal Type: Refer to Diag. No. in Table
- Mounting Hole: .500 (12.7)

Bat Handle

Features
- Slow-Make/Slow-Break Butt Contact
- 1 HP, 125–250VAC

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4-590</td>
<td>DPST</td>
<td>ON</td>
<td>NONE</td>
<td>S98b</td>
</tr>
<tr>
<td>S4-591</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S98b</td>
</tr>
<tr>
<td>S4-592</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S98b</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 20A 125VAC, 10A 250VAC, 1 HP 125–250VAC
- Insulation Resistance: 10^9 ohms (min.)
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: +14°F to +149°F (-10°C to +65°C)
- Electrical Life: 10,000 cycles (min.) at full load
- Mechanical Life: 30,000 cycles (min.)
- Terminal Type: 250° Tab Q.C.
- Mounting Hole: .500 (12.7)
Bat Handle

Features
- Slow-Make/Slow-Break Butt Contact
- 3/4 HP, 125–250VAC

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-610</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-612</td>
<td>SPST</td>
<td>(UN)</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-613</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-614</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>ON</td>
</tr>
<tr>
<td>54-615</td>
<td>SPDT</td>
<td>(ON)</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-616</td>
<td>SPDT</td>
<td>(ON)</td>
<td>OFF</td>
<td>ON</td>
</tr>
<tr>
<td>54-617</td>
<td>SPDT</td>
<td>(ON)</td>
<td>OFF</td>
<td>(UN)</td>
</tr>
<tr>
<td>54-618</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-619</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-620</td>
<td>SPST</td>
<td>(ON)</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-621</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-622</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-623</td>
<td>SPST</td>
<td>(ON)</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54-624</td>
<td>SPST</td>
<td>(ON)</td>
<td>OFF</td>
<td>ON</td>
</tr>
<tr>
<td>54-625</td>
<td>SPST</td>
<td>(ON)</td>
<td>OFF</td>
<td>ON</td>
</tr>
<tr>
<td>54-626</td>
<td>SPST</td>
<td>(ON)</td>
<td>OFF</td>
<td>(ON)</td>
</tr>
</tbody>
</table>

SPECIAL NOTE: ( ) = Momentary Function

Specifications

Current Rating: 20A 125VAC, 10A 250VAC, 3/4 HP 125–250VAC
Insulation Resistance: 10^9 ohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +14°F to +149°F (−10°C to +65°C)
Electrical Life: 10,000 cycles (min.) at full load
Mechanical Life: 30,000 cycles (min.)
Terminal Type: Refer to Diag. No. in Table
Mounting Hole: .500 (12.7)

S97

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Keyway</th>
<th>.325 (8.25)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.655 (16.99)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.925 (23.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.660 (16.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.562 (14.27)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Terminal Types
b: .250" Tab (Q.C.)
c: Screw (Assembled)

<table>
<thead>
<tr>
<th>15/32-32 UNS-2A Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>.343 (8.71)</td>
</tr>
<tr>
<td>.286 (7.26)</td>
</tr>
<tr>
<td>.141 (3.58)</td>
</tr>
</tbody>
</table>

S98

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Keyway</th>
<th>.325 (8.25)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.655 (16.99)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.130 (28.7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.690 (17.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.562 (14.27)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Terminal Types
b: .250" Tab (Q.C.)
c: Screw (Assembled)

<table>
<thead>
<tr>
<th>15/32-32 UNS-2A Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>.343 (8.71)</td>
</tr>
<tr>
<td>.286 (7.26)</td>
</tr>
<tr>
<td>.141 (3.58)</td>
</tr>
</tbody>
</table>

Specifications

Current Rating: 20A 125VAC, 10A 250VAC, 3/4 HP 125–250VAC
Insulation Resistance: 10^9 ohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +14°F to +149°F (−10°C to +65°C)
Electrical Life: 10,000 cycles (min.) at full load
Mechanical Life: 30,000 cycles (min.)
Terminal Type: Refer to Diag. No. in Table
Mounting Hole: .500 (12.7)
**Bat Handle**

**Features**
- Quick Make, Quick Break Contacts
- AC/DC Shallow Back Panel Applications
- Standard .500” Dia Mounting Hole

**Specifications**
- Current Rating: 6A 125VAC, 3A 250VAC, AC/DC
- Insulation Resistance: 100 Megohms (min.)
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: 0° to +150°F (−17.8° to +65.6°C)
- Electrical Life: 25,000 cycles
- Mechanical Life: 15,000 cycles
- Terminal Type: Refer to Diag No. in Table
- Mounting Hole: .500 (12.7)

---

**Bat Handle**

**Features**
- Waterproof Types Available on Page 159
- Optional Rubber Boot, 54-905M

**Specifications**
- Current Rating: 6A 125VAC, 3A 250VAC or 10A 24VDC
- Functions ON-OFF and ON-ON: 15A 250VAC
- Functions ON OFF ON: 15A 250VAC
- Other Functions: 15A 125VAC, 12A 250VAC or 5A 25VDC
- Insulation Resistance: 1000 Megohms (min.) at 500VDC
- Dielectric Strength: 2000V RMS (min.) between terminals
- Temperature Rating: −4° to +131°F (−20° to +55°C)
- Electrical Life: 10,000 cycles (min.) at full load
- Terminal Type: Refer to Diag No. in Table
- Mounting Hole: .480 (12.2)
Bat Handle

Features
- Waterproof Types Available on Page 159

![Bat Handle Image]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Current Rating</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4-300</td>
<td>DPST</td>
<td>A</td>
<td>ON</td>
<td>NONE</td>
<td>S23A</td>
</tr>
<tr>
<td>S4-301#</td>
<td>DPST</td>
<td>U</td>
<td>ON</td>
<td>OFF</td>
<td>S23A</td>
</tr>
<tr>
<td>S4-302#</td>
<td>DPST</td>
<td>C</td>
<td>ON</td>
<td>OFF</td>
<td>S23A</td>
</tr>
<tr>
<td>S4-303#</td>
<td>DPST</td>
<td>C</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-306</td>
<td>DPST</td>
<td>A</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-307#</td>
<td>DPST</td>
<td>A</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-308#</td>
<td>DPST</td>
<td>A</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-309#</td>
<td>DPST</td>
<td>A</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-310#</td>
<td>DPST</td>
<td>A</td>
<td>OFF</td>
<td>ON</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-311#</td>
<td>DPST</td>
<td>B</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-312#</td>
<td>DPST</td>
<td>C</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
<tr>
<td>S4-313#</td>
<td>DPST</td>
<td>C</td>
<td>ON</td>
<td>OFF</td>
<td>S23C</td>
</tr>
</tbody>
</table>

**SPECIAL NOTE:** ( ) = Momentary Function
* SP in DP case.
# UL for 10 Amp ONLY
## UL for 12 Amp ONLY

### S33

- **Features**
  - Quick Make, Quick Break Contacts
  - Suitable for High Amperage AC/DC Motor Control
  - Screw Terminals

![S33 Switch Image]

**Specifications**

- **Current Rating:**
  - A: 15A 250VAC or 10A 24VDC, 15A 12VDC
  - B: 15A 250VAC
  - C: 15A 125VAC, 12A 250VAC or 5A 25VDC
  - D: 10A 125–250VAC, 1/2HP

- **Insulation Resistance:** 1000 Megohms (min.) at 500VDC

- **Dielectric Strength:** 2000V RMS (min.) between terminals

- **Temperature Rating:** -4°F to +131°F (-20°C to +55°C)

- **Electrical Life:** 10,000 cycles (min.) at full load

- **Terminal Type:** Refer to Diag No. in Table

- **Mounting Hole:** .480 (12.2)

---

### S5

- **Features**
  - Quick Make, Quick Break Contacts
  - Suitable for High Amperage AC/DC Motor Control
  - Screw Terminals

![S5 Switch Image]

**Specifications**

- **Current Rating:** 16A 125VAC, 8A 250VAC, 1 HP 125–250VAC

- **Insulation Resistance:** 100 Megohms (min.)

- **Dielectric Strength:** 1000V RMS (min.)

- **Temperature Rating:** 0°F to +150°F (-17.8°C to +65.6°C)

- **Electrical Life:** 25,000 cycles

- **Mechanical Life:** 100,000 cycles

- **Terminal Type:** Screw Type

- **Mounting Hole:** .500 (12.7)
### NTE Type No. Circuitry Action Actuator Diag No. 
54−057 DPST ON NONE OFF Brass/Nickel Plate S9

#### Specifications

**Current Rating:** 20A 125VAC, 10A 250VAC, 1 1/2 HP 125−250VAC  
**Insulation Resistance:** 100 Megohms (min.)  
**Dielectric Strength:** 1000V RMS (min.)  
**Temperature Rating:** 0°F to +150°F (−17.8°C to +65.6°C)  
**Electrical Life:** 25,000 cycles  
**Mechanical Life:** 100,000 cycles  
**Terminal Type:** Screw Type  
**Mounting Hole:** .500 (12.7)
**Toggle Switches**

### Bat Handle

**Features**
- Slow Make, Slow Break Contacts
- Heavy Duty AC Rated Also Suitable for Low Voltage DC Applications
- Industry Standard .500" Dia Mounting Hole
- Various Terminal Selections

**Toggle Switches**

**NTE**

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Current Rating</th>
<th>Action</th>
<th>Actuator</th>
</tr>
</thead>
</table>
| 54-003       | DPDT      | A               | UN     | NUNE     | Brass/Nickel Plate | S4c 
| 54-004       | DPDT      | A               | UN     | NUNE     | Brass/Nickel Plate | S4c 
| 54-011       | DPST      | A               | ON     | NONE     | Brass/Nickel Plate | S4c 
| 54-012       | DPDT      | A               | ON     | OFF      | Brass/Nickel Plate | S4c 
| 54-013       | DPDT      | A               | ON     | OFF      | Brass/Nickel Plate | S4c 
| 54-014       | DPST      | B               | UN     | OFF      | Brass/Nickel Plate | S4c 
| 54-015       | DPST      | E               | UN     | NUNE     | Brass/Nickel Plate | S4c 
| 54-100       | DPST      | B               | ON     | OFF      | Brass/Nickel Plate | S4c 
| 54-101       | DPST      | C               | ON     | NONE     | Brass/Nickel Plate | S4c 
| 54-102       | DPST      | A               | ON     | NONE     | Brass/Nickel Plate | S4c 
| 54-103       | DPST      | U               | UN     | NUNE     | Brass/Nickel Plate | S4c 

| 54-137**     | SPST      | U               | UN     | NUNE     | Brass/Nickel Plate | S4c 

**SPECIAL NOTE:** ( ) = Momentary Function

*SP in DP case.

**Bat Handle**

**Specifications**

**Current Rating:**
- A: 15A 125VAC, 10A 250VAC, 3/4 HP 125–250VAC
- B: 20A 125–277VAC, 1 1/2 HP 125VAC, 2 HP 250VAC
- C: 6A 125VAC, 3A 250VAC, 1/4HP 125–250VAC
- D: 20A 250VAC
- E: 10A 277VAC, 20A 125VAC, 1 1/2 HP 125–250VAC

**Insulation Resistance:** 100 Megohms (min.)

**Dielectric Strength:** 1000V RMS (min.), 1500V (54-099 only)

**Temperature Rating:** +32° to +185° (0° to +85°C)

**Electrical Life:** 25,000 cycles

**Mechanical Life:** 100,000 cycles

**Terminal Type:** Refer to Diag No. in Table

**Mounting Hole:** .500 (12.7)

---

**S4**

**Terminal Types**
- a: Solder Lug
- b: .250" Tab (Q.C.)
- c: Screw (Assembled)

**Specifications**

**Current Rating:**
- 15A 125VAC, 10A 250VAC, 3/4 HP 125–250VAC
- 20A 125–277VAC, 1 1/2 HP 125VAC, 2 HP 250VAC
- 6A 125VAC, 3A 250VAC, 1/4HP 125–250VAC
- 20A 250VAC
- 10A 277VAC, 20A 125VAC, 1 1/2 HP 125–250VAC

**Insulation Resistance:** 100 Megohms (min.)

**Dielectric Strength:** 1000V RMS (min.)

**Temperature Rating:** +32° to +185° (0° to +85°C)

**Electrical Life:** 50,000 cycles

**Mechanical Life:** 100,000 cycles

**Terminal Type:** Screw Type

**Mounting Hole:** .500 (12.7) Max.
**Toggle Switches**

**Bat Handle w/Indicator Plate**

### Features
- Includes Indicator Plate

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-717</td>
<td>SPST</td>
<td>OFF</td>
<td>NONE</td>
<td>ON</td>
</tr>
<tr>
<td>54-718</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>ON</td>
</tr>
</tbody>
</table>

### Specifications
- **Current Rating**: 3A 125VAC, 1.5A 250VAC
- **Insulation Resistance**: 100 Megohms (min.)
- **Dielectric Strength**: 1000V RMS (min.)
- **Temperature Rating**: $-13^\circ$ to $+185^\circ$F ($-25^\circ$ to $+85^\circ$C)
- **Electrical Life**: 6,000 cycles
- **Mechanical Life**: 10,000 cycles
- **Terminal Type**: Solder Lug
- **Mounting Hole**: .480 (12.2) Max.

**Round Hole Bat Handle**

### Features
- Round Hole Type
- Optional Indicator Plate, 54–928
- Optional Waterproof Boot, 54–929

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-722</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>ON</td>
</tr>
</tbody>
</table>

### Specifications
- **Current Rating**: 6A 125VAC, 3A 250VAC
- **Insulation Resistance**: 100 Megohms (min.)
- **Dielectric Strength**: 1000V RMS (min.)
- **Temperature Rating**: $-4^\circ$ to $+185^\circ$F ($-20^\circ$ to $+85^\circ$C)
- **Electrical Life**: 6,000 cycles
- **Mechanical Life**: 10,000 cycles
- **Terminal Type**: Solder Lug
- **Mounting Hole**: .480 (12.2) Max.
# Toggle Switches

## Bat Handle

![Bat Handle Switch](image)

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-738</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>Off</td>
</tr>
</tbody>
</table>

### Specifications

- **Current Rating**: 10A 125VAC, 6A 250VAC
- **Insulation Resistance**: 100 Megohms (min.) at 500VDC
- **Dielectric Strength**: 1000V RMS (min.)
- **Temperature Rating**: +32°F to +149°F (0°C to +65°C)
- **Electrical Life**: 6,000 cycles
- **Mechanical Life**: 10,000 cycles
- **Terminal Type**: .250" Tab Q.C.
- **Mounting Hole**: .480 (12.2)

## Bat and Paddle Handle

![Bat and Paddle Handle Switches](image)

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-745</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>Off</td>
</tr>
<tr>
<td>54-745-R</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>Off</td>
</tr>
</tbody>
</table>

### Specifications

- **Current Rating**: 6A 125VAC, 3A 250VAC
- **Insulation Resistance**: 100 Megohms (min.) at 500VDC
- **Dielectric Strength**: 1500V RMS (min.)
- **Temperature Rating**: −4°F to +185°F (−20°C to +85°C)
- **Electrical Life**: 6,000 cycles
- **Mechanical Life**: 10,000 cycles
- **Terminal Type**: solder lug
- **Mounting Hole**: .472 (12.5)
Long Bat Handle

Features
- 50 Amps at 12VDC
- 1.5/8" Long Bat Handle
- Screw Terminals

Specifications
Current Rating: 50A 12VDC
Insulation Resistance: 100 Megohms (min.) at 500VDC
Dielectric Strength: 1500V RMS (min.)
Temperature Rating: −4° to +180°F (−20° to +85°C)
Electrical Life: 25,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: Screw Type
Mounting Hole: .500 (12.7)

ON/OFF Bat Handle and Duckbill

Features
- Illuminated Types Available on Page 161
- Bat Handle (54–566, 54–571–2) and Duckbill (54–571) Types
- .250" Quick-Connect Terminals

Specifications
Current Rating: 20A 12VDC
Insulation Resistance: 100 Megohms (min.) at 500VDC
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: −4° to +180°F (−20° to +85°C)
Electrical Life: 25,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .250" Tab O.C.
Mounting Hole: .500 (12.7)
Bat Handle, Subminiature

Features
- Single and Double Pole Types
- Epoxy Sealed Terminals

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54−140</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54−141</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td>54−142</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>ON</td>
</tr>
</tbody>
</table>

SPECIAL NOTE: ( ) = Momentary Function

Specifications
Current Rating: 3A 120VAC or 28VDC, 1.5A 250VAC
Insulation Resistance: 1000 Megohms (min.)
Dielectric Strength: 1500V RMS (min.)
Temperature Rating: −22°F to +185°F (−30°C to +85°C)
Electrical Life: 30,000 cycles (min.)
Terminal Type: Solder Lug
Mounting Hole: .192 (4.9)

Bat Handle, Subminiature

Features
- Epoxy Sealed Terminals

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54−395</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
</tbody>
</table>

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>.320 (8.13)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>.160 (4.06)</td>
<td>.360 (9.14)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keyway This Side</td>
<td>.020 (0.51)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specifications
Current Rating: 5A 120VAC or 28VDC, 2A 250VAC
Insulation Resistance: 1000 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: −22°F to +266°F (−30°C to +130°C)
Electrical Life: 50,000 cycles (min.)
Terminal Type: Solder Lug
Mounting Hole: .250 (6.35)
Mini Bat Handle

Features
- SP, DP, 3P & 4P Types
- Epoxy Sealed Terminals
- Typical Applications Include: Switching Power Supplies, DC–DC Converters, Motors, etc.

Wiring Diagram (54–306 Only)

Equivalent to single pole 3 throw switch. Dotted line between terminals 2 & 6 indicate external jumpers to be added by customer.

Specifications
Current Rating: 6A 125VAC, 3A 250VAC or 4A 30VDC
Insulation Resistance: 1000 Megohms (min.) at 500VDC
Dielectric Strength: 1000V RMS (min.) between terminals
Temperature Rating: −40° to +185°F (−40° to +85°C)
Electrical Life: 50,000 cycles (min.)
40,000 cycles (min.) 3 Pole Only
30,000 cycles (min.) 4 Pole Only
Terminal Type: Refer to Diag No. in Table
Mounting Hole: .255 (6.5)

For Economy Versions, see page 151.
Mini Bat Handle

Features
- Economy Series
- SP, DP, 3P & 4P Types
- PC Terminal Types Available (PC suffix)
- Epoxy Sealed Terminals
- Typical Applications Include: Switching Power Supplies, DC–DC Converters, Motors, etc.

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54−301E</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−301PC</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−302E</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−302PC</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−303E</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119</td>
</tr>
<tr>
<td>54−303PC</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119a</td>
</tr>
<tr>
<td>54−304E</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119</td>
</tr>
<tr>
<td>54−304PC</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119a</td>
</tr>
<tr>
<td>54−305E</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119</td>
</tr>
<tr>
<td>54−305PC</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119a</td>
</tr>
<tr>
<td>54−307E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−307PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−308E</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119</td>
</tr>
<tr>
<td>54−308PC</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF</td>
<td>S119a</td>
</tr>
<tr>
<td>54−309E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−309PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−310E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−310PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−311E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−311PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−323E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−323PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−324E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−324PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−327E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−327PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−312E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−312PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−313E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−313PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
<tr>
<td>54−316E</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119</td>
</tr>
<tr>
<td>54−316PC</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE</td>
<td>S119a</td>
</tr>
</tbody>
</table>

SPECIAL NOTE: ( ) = Momentary Function

Specifications
Current Rating: 5A 120VAC or 28VDC, 2A 250VAC
Insulation Resistance: 1000 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: −22° to +185°F (−30° to +85°C)
Electrical Life: 50,000 cycles (min.) at full load
Terminal Type: Refer to Diag No. in Table
Mounting Hole: .250 (6.35)
## Flatted Handle Mini

### Features
- SP, DP, 3P & 4P Types
- Epoxy Sealed Terminals
- Typical Applications Include: Switching Power Supplies, DC-DC Converters, Motors, etc.

### Specifications
- **Current Rating:** 6A 125VAC, 3A 250VAC or 4A 30VDC
- **Insulation Resistance:** 1000 Megohms (min.) at 500VDC
- **Dielectric Strength:** 1000V RMS (min.) between terminals
- **Temperature Rating:** −40° to +185°F (−40° to +85°C)
- **Electrical Life:**
  - 50,000 cycles (min.)
  - 30,000 cycles (min.) 3 Pole Only
  - 30,000 cycles (min.) 4 Pole Only
- **Terminal Type:** Solder Lug
- **Mounting Hole:** .255 (6.5)

### NTE Type No. | Circuitry | Action | Actuator | Diag No.
---|---|---|---|---
54−328 | SPDT | ON | NONE | ON | Chrome Plated Brass | S.28a
54−329 | SPDT | ON | OFF | ON | Chrome Plated Brass | S.28a
54−330 | SPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−331 | SPDT | ON | NONE | (ON) | Chrome Plated Brass | S.28a
54−332 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−333 | DPDT | ON | NONE | (ON) | Chrome Plated Brass | S.28a
54−334 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−335 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−336 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−337 | DPDT | ON | NONE | (ON) | Chrome Plated Brass | S.28a
54−338 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−339 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−340 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−341 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−342 | DPDT | ON | NONE | (ON) | Chrome Plated Brass | S.28a
54−343 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−344 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−345 | DPDT | ON | NONE | (ON) | Chrome Plated Brass | S.28a
54−346 | DPDT | ON | OFF | (ON) | Chrome Plated Brass | S.28a
54−347 | DPDT | ON | NONE | (ON) | Chrome Plated Brass | S.28a

**SPECIAL NOTE:** ( ) = Momentary Function

---

[Image of Toggle Switches]
Nylon Paddle

Features
- Nylon Insulated Toggle
- Self-Cleaning Wiping Contacts
- Industry Standard .500" Dia Mounting Hole
- Support Double Insulated Requirements

Specifications
Current Rating: 20A 125VAC, 10A 250VAC, 1 1/2 HP 125–250VAC
Insulation Resistance: 100 Megohms (min.)
Dielectric Strength: 1000V RMS (min.)
Temperature Rating: +32° to +185°F (0° to +85°C)
Electrical Life: 25,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: .250" Tab Q.C.
Mounting Hole: .500 (12.7)

Nylon Paddle

Features
- Slow Make, Slow Break Contacts
- Heavy Duty AC Rated Also Suitable for Low Voltage DC Applications
- Industry Standard .500" Dia Mounting Hole

Specifications
Current Rating: 54–084 & 54–085: 6A 125VAC, 3A 250VAC, 1/4 HP 125–250VAC
All Other Devices: 20A 125–277VAC, 1 1/2 HP 125VAC, 2 HP 250VAC
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: Refer to Diagram No. in Table
Mounting Hole: .500 (12.7)
Toggle Switches

Nylon Paddle

Features
- Quick Connect Terminals
- Insulated Actuator

![Nylon Paddle Image]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54−317</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE ON Black Polyamide 6-6</td>
<td>S34</td>
</tr>
<tr>
<td>54−318</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF ON Black Polyamide 6-6</td>
<td>S34</td>
</tr>
<tr>
<td>54−319</td>
<td>SPST</td>
<td>ON</td>
<td>NONE OFF Black Polyamide 6-6</td>
<td>S34</td>
</tr>
<tr>
<td>54−320</td>
<td>DPST</td>
<td>ON</td>
<td>NONE OFF Black Polyamide 6-6</td>
<td>S34</td>
</tr>
<tr>
<td>54−321</td>
<td>DPDT</td>
<td>ON</td>
<td>NONE OFF Black Polyamide 6-6</td>
<td>S34</td>
</tr>
<tr>
<td>54−322</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF ON Black Polyamide 6-6</td>
<td>S34</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 6A 125VAC, 4A 250VAC
- Insulation Resistance: 1000 Megohms (min.) at 500VDC
- Dielectric Strength: 2000V RMS (min.) between terminals
- Temperature Rating: −4°F to +131°F (-20°C to +55°C)
- Electrical Life: 10,000 cycles (min.)
- Terminal Type: Solder Lug/Quick Connect
- Mounting Hole: .492 (12.5)

Nylon Paddle

Features
- Solder Lug Terminals

![Nylon Paddle Image]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54−723</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE ON Black Nylon</td>
<td>S129</td>
</tr>
<tr>
<td>54−724</td>
<td>SPDT</td>
<td>OFF</td>
<td>NONE ON Black Nylon</td>
<td>S129</td>
</tr>
<tr>
<td>54−725</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF ON Black Nylon</td>
<td>S129</td>
</tr>
<tr>
<td>54−726</td>
<td>SPDT</td>
<td>ON</td>
<td>NONE ON Black Nylon</td>
<td>S129</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 6A 125VAC, 3A 250VAC
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: +32°F to +149°F (0°C to +65°C)
- Electrical Life: 6,000 cycles
- Mechanical Life: 10,000 cycles
- Terminal Type: Solder Lug
- Mounting Hole: .390 (15.0)
Toggle Switches

Paddle Handle

Features
- 50 Amps at 12VDC
- Suitable for Low Voltage, High Amperage Applications
- Screw Terminals

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Material</th>
<th>Color</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-560</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
<td>ABS</td>
<td>Black</td>
</tr>
<tr>
<td>54-561</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
<td>Red</td>
<td>S26</td>
</tr>
<tr>
<td>54-562</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
<td>ABS</td>
<td>Chrome Plating</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 50A 12VDC
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: -4°F to +180°F (−20°C to +85°C)
- Electrical Life: 25,000 cycles
- Mechanical Life: 100,000 cycles
- Terminal Type: Screw Type
- Mounting Hole: .500 (12.7)

Paddle Handle

Features
- 50 Amps at 12VDC
- Interchangeable Boots (Red, Black, Yellow and Blue) Included
- Screw Terminals

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Material</th>
<th>Color</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-563</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
<td>Chrome Plated</td>
<td>S27</td>
</tr>
</tbody>
</table>

Specifications
- Current Rating: 50A 12VDC
- Insulation Resistance: 100 Megohms (min.) at 500VDC
- Dielectric Strength: 1500V RMS (min.)
- Temperature Rating: -4°F to +180°F (−20°C to +85°C)
- Electrical Life: 25,000 cycles
- Mechanical Life: 100,000 cycles
- Terminal Type: Screw Type
- Mounting Hole: .500 (12.7)
### Paddle Handle

#### Features
- 50 Amps at 12VDC
- Screw Terminals

#### Specifications

**Current Rating:** 50A 12VDC  
**Insulation Resistance:** 100 Megohms (min.) at 500VDC  
**Dielectric Strength:** 1500V RMS (min.)  
**Temperature Rating:** −4°F to +180°F (−20°C to +85°C)  
**Electrical Life:** 25,000 cycles  
**Mechanical Life:** 100,000 cycles  
**Terminal Type:** Screw Type  
**Mounting Hole:** .500 (12.7)

#### Diagram

![Diagram of Paddle Handle S30](image)

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4-565</td>
<td>SPDT</td>
<td>ON</td>
<td>OFF</td>
<td>CHROME PLATED S29</td>
</tr>
</tbody>
</table>

### Paddle Handle

![Diagram of Paddle Handle S69](image)

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4-381</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF</td>
<td>BLACK ABS RESIN S69</td>
</tr>
</tbody>
</table>

#### Specifications

**Current Rating:** 6A 250VAC  
**Insulation Resistance:** 100 Megohms (min.) at 500VDC  
**Dielectric Strength:** 1500V RMS (min.)  
**Temperature Rating:** +14°F to +131°F (−10°C to +55°C)  
**Electrical Life:** 6,000 cycles  
**Mechanical Life:** 30,000 cycles  
**Terminal Type:** Solder Lug  
**Mounting Hole:** .472 (12.0)
Toggle Switches

Paddle Handle

Features
- Plastic Lever with Waterproof Boot

Specifications
- **Current Rating:** 10A 125VAC, 6A 250VAC
- **Insulation Resistance:** 100 Megohms (min.) at 500VDC
- **Dielectric Strength:** 1500V RMS (min.)
- **Temperature Rating:** −4° to +180°F (−20° to +85°C)
- **Electrical Life:** 6,000 cycles
- **Mechanical Life:** 10,000 cycles
- **Terminal Type:** .250” Tab Q.C.
- **Mounting Hole:** .480 (12.2)

---

Paddle Handle

Features
- Optional Indicator Plates Available:
  - 54−925 Plate for 54−727
  - 54−926 Plate for 54−728
  - 54−927 Plate for 54−729 and 54−730

Specifications
- **Current Rating:** 10A 125VAC, 6A 250VAC
- **Insulation Resistance:** 100 Megohms (min.) at 500VDC
- **Dielectric Strength:** 1000V RMS (min.)
- **Temperature Rating:** +32° to +149°F (0° to +65°C)
- **Electrical Life:** 6,000 cycles
- **Mechanical Life:** 10,000 cycles
- **Terminal Type:** Solder Lug
- **Mounting Hole:** .480 (12.2)
**Toggle Switches**

**Paddle Handle**

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4-731</td>
<td>DPDT</td>
<td>(ON) OFF (ON)</td>
<td>Black ABS Resin</td>
<td>S134</td>
</tr>
<tr>
<td>S4-732</td>
<td>DPDT</td>
<td>ON OFF ON</td>
<td>Black ABS Resin</td>
<td>S134</td>
</tr>
</tbody>
</table>

*SPECIAL NOTE: ( ) = Momentary Function*

**Specifications**

- **Current Rating:** 20A 12VDC
- **Insulation Resistance:** 100 Megohms (min.) at 500VDC
- **Dielectric Strength:** 1500V RMS (min.)
- **Temperature Rating:** +32°F to +149°F (0°C to +65°C)
- **Electrical Life:** 6,000 cycles
- **Mechanical Life:** 10,000 cycles
- **Terminal Type:** .250" Tab Q.C.
- **Mounting Hole:** .480 (12.2)