Bat Handle Toggle

**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

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
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</table>

*SPECIAL NOTE: () = Momentary Function
* Neoprene Seal Toggle

**Specifications**

- Current Rating: 15A 125VAC, 10A 250VAC, 3/4 HP 125–250VAC
- Insulation Resistance: 100 Megohms (min.)
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: 0° to +149° F(−17.8° to +65.6° C)
- Electrical Life: 50,000 cycles maintained, 25,000 cycles momentary
- Mechanical Life: 100,000 cycles
- Terminal Type: Refer to Diag No. in Table
- Mounting Hole: .500 (12.7)

---

Bat Handle Toggle

**Features**
- Quick Make, Quick Break Wiping Action
- 6" Wire Leads
- Brass or Plastic Actuator

**Specifications**

- Current Rating: 10A 250VAC, 8A 250VDC, 4A 250VDC, 1/3 HP 125VAC
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: +194°F (+90°C) Max
- Electrical Life: 25,000 cycles Min
- Mechanical Life: 100,000 cycles
- Terminal Type: Integrated Wire
- Mounting Hole: .500 (12.7)
Bat Handle Toggle

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° to +150°F (~−17.8° to +65.6°C)
Electrical Life: 50,000 cycles
Mechanical Life: 100,000 cycles
Mounting Hole: .500 (12.7)

Bat Handle Toggle

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° 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)
Bat Handle Toggle

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

<table>
<thead>
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<th>NTE Type No.</th>
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SPECIAL NOTE: ( ) = Momentary Function

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: Refer to Diag. No. in Table
Mounting Hole: .500 (12.7)
Bat Handle Toggle

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

S97

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.)

S98

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.)

NTE Type No. | Circuitry | Action | Actuator | Diag No.
---|---|---|---|---
S4-610 | DPST | UN | NONE | Nickel Plated Brass | S97C
S4-611 | DPST | ON | NONE | Nickel Plated Brass | S97C
S4-612 | DPST | UN | OFF | Nickel Plated Brass | S97C
S4-613 | SPDT | ON | NONE | Nickel Plated Brass | S97C
S4-614 | SPDT | ON | OFF | Nickel Plated Brass | S97C
S4-615 | DPST | (UN) | NONE | Nickel Plated Brass | S97C
S4-616 | SPDT | (UN) | OFF | Nickel Plated Brass | S97C
S4-617 | SPDT | (UN) | OFF | Nickel Plated Brass | S97C
S4-618 | SPDT | (UN) | OFF | Nickel Plated Brass | S97C
S4-619 | SPDT | (UN) | OFF | Nickel Plated Brass | S97C
S4-620 | SPST | (UN) | NONE | Nickel Plated Brass | S97C
S4-621 | SPST | (ON) | NONE | Nickel Plated Brass | S97C
S4-622 | SPDT | ON | NONE | Nickel Plated Brass | S97C
S4-623 | SPDT | ON | OFF | Nickel Plated Brass | S97C
S4-624 | SPDT | ON | OFF | Nickel Plated Brass | S97C
S4-625 | SPDT | ON | OFF | Nickel Plated Brass | S97C
S4-626 | SPDT | (ON) | OFF | Nickel Plated Brass | S97C

SPECIAL NOTE: ( ) = Momentary Function
### Bat Handle Toggle

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

#### NTE Type No. | Circuitry | Action | Actuator | Diag No.  
--- | --- | --- | --- | ---  
54−070 | SPST | ON | NONE | OFF | Brass/Nickel Plate | S14a  
54−071 | SPST | ON | NONE | OFF | Brass/Nickel Plate | S14c

#### S14

**Terminal Types**
- a: Solder Lug (End)  
- c: Screw (Assembled)

#### 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 Toggle

#### Features
- Waterproof Types Available on Page 18

#### NTE Type No. | Circuitry | Action | Actuator | Diag No.  
--- | --- | --- | --- | ---  
54−348 | SPST | ON | NONE | OFF | Nickel Plated Brass | S32a  
54−349 | SPST | ON | NONE | OFF | Nickel Plated Brass | S32a  
54−350 | SPST | ON | OFF | ON | Nickel Plated Brass | S32a  
54−351 | SPST | (ON) | NONE | OFF | Nickel Plated Brass | S32a  
54−352 | SPST | (ON) | OFF | (ON) | Nickel Plated Brass | S32a  
54−353 | SPST | ON | OFF | (ON) | Nickel Plated Brass | S32a  
54−354 | SPST | ON | NONE | OFF | Nickel Plated Brass | S32a  
54−355 | SPST | ON | NONE | OFF | Nickel Plated Brass | S32a  
54−356 | SPST | ON | OFF | ON | Nickel Plated Brass | S32a  
54−357 | SPST | (ON) | NONE | OFF | Nickel Plated Brass | S32a  
54−358 | SPST | (ON) | OFF | (ON) | Nickel Plated Brass | S32a  
54−359 | SPST | ON | OFF | (ON) | Nickel Plated Brass | S32a

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

#### S32

**Terminal Types**
- a: Solder Lug/Quick Connect
- c: Screw (Assembled)

#### Specifications
- **Current Rating:**
  - Functions ON−OFF and ON−ON: 15A 250VAC or 10A 24VDC
  - 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 Toggle

Features
- Waterproof Types Available on Page 18

<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>
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</table>

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

---

Bat Handle Toggle

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

<table>
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<th>NTE Type No.</th>
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<th>Action</th>
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---

Specifications
**Current Rating:**
- **A:** 15A 250VAC or 10A 24VDC, 15A 12VDC
- **B:** 15A 250VAC
- **C:** 15A 125VAC, 12A 250VAC or 5A 25VDC

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

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

**Temperature Rating:** -4°F to +150°F (-20°C to +65°C)

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

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

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

---

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)
Bat Handle Toggle

<table>
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<th>NTE Type No.</th>
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**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 (Assembled)
Mounting Hole: .500 (12.7)

---

Bat Handle Toggle

<table>
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<th>NTE Type No.</th>
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**Specifications**

Current Rating: 15A 125VAC, 10A 250VAC, 3/4 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: 50,000 cycles
Mechanical Life: 100,000 cycles
Terminal Type: "3-in-1" Combi-Terminal
Mounting Hole: .500 (12.7)
Bat Handle Toggle

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

---

### 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

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

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

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

**Electrical Life:** 50,000 cycles

**Mechanical Life:** 100,000 cycles

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

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

---

### S4

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</table>

*SPECIAL NOTE: () = Momentary Function

*SP in DP case.

---

### S10

<table>
<thead>
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<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
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<td>54-016</td>
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<td>ON</td>
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<td>54-017</td>
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<td>OFF</td>
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<tr>
<td>54-018</td>
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<td>NONE</td>
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<tr>
<td>54-019</td>
<td>4PDT</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
</tbody>
</table>

---

### Terminal Types

- S4
  - 15/32–32 UNS–2A Thread
  - .687 (17.44)
  - .455 (11.61)
  - .778 (19.76)
  - .422 (10.72)
  - .108 (2.72)
  - .750 (19.05)
  - .125 (3.18)
  - .075 (1.91)
  - .250 (6.35)
  - .072 (1.82)
  - .038 (.965) DP
  - .370 (9.39)
  - .286 (7.26)

- S10
  - 15/32–32 UNS–2A Thread or M12 (.750) Max
  - .687 (17.44)
  - .455 (11.61)
  - .303 (7.64)
  - .130 (3.32)
  - .103 (2.64)
  - .141 (3.58)
  - .072 (1.82)
  - .038 (.965) DP
  - .125 (3.18)
  - .075 (1.91)

---

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

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.) 3 Pole
- Terminal Type: Refer to Diag No. in Table

S24

NTE Type No. | Circuity | Action | Actuator | Diag No.
--- | --- | --- | --- | ---
54–301 | SPDT | ON | NONE | Chromed Brass | S24
54–302 | SPDT | ON | NONE | Chromed Brass | S24
54–303 | SPDT | ON | OFF | Chromed Brass | S24
54–304 | SPDT | ON | OFF | Chromed Brass | S24
54–305* | SPST | ON | UN | Chromed Brass | S24
54–306 | DPDT | ON | NONE | Chromed Brass | S24
54–308 | DPDT | ON | OFF | Chromed Brass | S24
54–309 | DPDT | ON | NONE | Chromed Brass | S24
54–310 | DPDT | ON | OFF | Chromed Brass | S24
54–311 | 4PDT | ON | NONE | Chromed Brass | S24
54–312 | 4PDT | ON | NONE | Chromed Brass | S24
54–313 | 4PDT | ON | OFF | Chromed Brass | S24
54–314 | 4PDT | ON | OFF | Chromed Brass | S24
54–315 | 4PDT | ON | OFF | Chromed Brass | S24
54–316 | 4PDT | ON | NONE | Chromed Brass | S24
54–317 | 4PDT | ON | NONE | Chromed Brass | S24
54–324 | 3PDT | UN | UN | UN | Chromed Brass | S24
54–325 | 3PDT | UN | UN | UN | Chromed Brass | S24
54–326 | 3PDT | ON | OFF | UN | Chromed Brass | S24
54–327 | 3PDT | ON | OFF | UN | Chromed Brass | S24

SPECIAL NOTE: ( ) = Momentary Function
* SP in DP case.
## Bat Handle Mini Toggle

### Features
- 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.

### Specifications
- **Current Rating:** 5A 120VAC or 28VDC, 2A 250VAC
- **Insulation Resistance:** 1000 Megohms (min.)
- **Dielectric Strength:** 1000V RMS (min.)
- **Temperature Rating:** −22°F to +185°F (−30°C 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)

### NTE Type No. | Circuitry | Action | Actuator | Diag No. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
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<td>54−305PC</td>
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<td>(ON)</td>
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<td>54−307PC</td>
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<td>NONE</td>
<td>(ON)</td>
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<td>ON</td>
<td>NONE</td>
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</tr>
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</table>

SPECIAL NOTE: ( ) = Momentary Function

---

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

Features
- Single and Double Pole Types
- Epoxy Sealed Terminals

![Image of Bat Handle Subminiature Toggle]

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
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<tbody>
<tr>
<td>54-140</td>
<td>SPST</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
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<tr>
<td>54-141</td>
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<tr>
<td>54-142</td>
<td>DPDT</td>
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<td>NONE</td>
<td>ON</td>
</tr>
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</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: \(-22^\circ\) to \(+185^\circ\) F (\(-30^\circ\) to \(+85^\circ\) C)
- Electrical Life: 30,000 cycles (min.)

Bat Handle Subminiature Toggle

Features
- Epoxy Sealed Terminals

![Image of Bat Handle Subminiature Toggle]

<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>
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</table>

Specifications
- Current Rating: 5A 120VAC or 28VDC, 2A 250VAC
- Insulation Resistance: 1000 Megohms (min.)
- Dielectric Strength: 1000V RMS (min.)
- Temperature Rating: \(-22^\circ\) to \(+130^\circ\) F (\(-30^\circ\) to \(+85^\circ\) C)
- Electrical Life: 50,000 cycles (min.)
- Terminal Type: Solder Lug
- Mounting Hole: .192 (4.9)
Flatted Handle Mini Toggle

Features
- SP, DP, 3P & 4P Types
- 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>
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<td>S28a</td>
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<td>S28a</td>
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<td>Chrome Plated Brass</td>
<td>S28a</td>
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<td>S28</td>
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<td>S28</td>
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<td>S28a</td>
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<td>Chrome Plated Brass</td>
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<td>S28</td>
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<td>54−346</td>
<td>DPDT</td>
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<td>Chrome Plated Brass</td>
<td>S28</td>
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<td>54−347</td>
<td>DPDT</td>
<td>NONE</td>
<td>Chrome Plated Brass</td>
<td>S28</td>
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</table>

SPECIAL NOTE: ( ) = Momentary Function

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°F to +185°F (−40°C to +85°C)
- Electrical Life: 50,000 cycles (min.)
- Terminal Type: Solder Lug
- Mounting Hole: .255 (6.5)
Nylon Paddle Toggle

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

![Nylon Paddle Toggle Image]

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)

NTE Type No. | Circuitry | Action | Actuator |
-------------|-----------|--------|---------|
S4-020       | SPST      | OFF    | None    | Black Nylon |
S4-021       | SPDT      | ON     | None    | Black Nylon |
S4-022       | SPDT      | ON     | OFF     | Black Nylon |

S7

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: 6A 125VAC, 3A 250VAC, 1 1/2 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 Diag No. in Table
- Mounting Hole: .500 (12.7)
Nylon Paddle Toggle

Features
- Quick Connect Terminals
- Insulated Actuator

![Nylon Paddle Toggle Image]

NTE Type No. | Circuitry | Action     | Actuator Material | Actuator Color | Diag No. |
-------------|-----------|------------|-------------------|----------------|---------|
54-317       | SPDT      | ON NONE ON| Black Polyamide 6-6| Black          | S.34    |
54-318       | SPDT      | ON OFF ON | Black Polyamide 6-6| Red            | S.34    |
54-319       | DPST      | ON NONE ON| Black Polyamide 6-6| Black          | S.34    |
54-320       | DPST      | ON NONE OFF| Black Polyamide 6-6| Black          | S.34    |
54-321       | DPST      | ON NONE ON| Black Polyamide 6-6| Chrome Plating | S.34    |
54-322       | DPDT      | ON OFF ON | Black Polyamide 6-6| Black          | S.34    |

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)

Paddle Handle Toggle

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

![Paddle Handle Toggle Image]

NTE Type No. | Circuitry | Action     | Actuator Material | Actuator Color | Diag No. |
-------------|-----------|------------|-------------------|----------------|---------|
54-560       | SPST      | ON NONE OFF| ABS               | Black          | S.26    |
54-561       | SPST      | ON NONE OFF| ABS               | Red            | S.26    |
54-562       | SPST      | ON NONE OFF| ABS w/Chrome Plating | Chrome       | S.26    |

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 Toggle

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

Long Bat Handle Toggle

**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°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 Toggle

Features
- 50 Amps at 12VDC
- Screw Terminals

![Image of Paddle Toggle]

<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 ON</td>
<td>Chrome Plated</td>
</tr>
</tbody>
</table>

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 Toggle

Features
- Illuminated Types Available on Page 19
- Bat Handle (S4-566) and Duckbill (S4-571) Types
- .250” Quick-Connect Terminals

![Image of On/Off Bat Handle and Duckbill Toggle]

<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>S4-566</td>
<td>SPST</td>
<td>ON</td>
<td>NONE OFF</td>
<td>Black Brushed Aluminum</td>
</tr>
<tr>
<td>S4-571</td>
<td>SPST</td>
<td>ON</td>
<td>NONE OFF</td>
<td>Black Brushed Aluminum</td>
</tr>
</tbody>
</table>

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)
# Paddle Toggle

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
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<tbody>
<tr>
<td>54-381</td>
<td>DPDT</td>
<td>ON</td>
<td>OFF</td>
<td>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)

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S69

![S69 Diagram](image)