Series SW & DSW Variations and Terminal Designations

| SWS & DSWS | Brass terminal bars with No. 6-32 terminal screws. Accepts wire up to No. 14AWG. Requires the use of lugs. |
| SWT & DSWT | Solderless electro-tinned tubular connector with No. 10-32 terminal screws. Accepts wire from No. 16AWG to No. 8AWG. |
| SWTC & DSWTC | Solderless electro-tinned tubular connector with No. 10-32 terminal screws captivated by traveling pressure pad. Accepts wire from 22AWG to No. 8AWG. |

Note: All variations as illustrated at left in two or three terminal modules only.

**Features:**

- **Snap-In Track-Type Concept** – To assemble two or three-pole modules simultaneously, simply insert one edge of the module under the flange of the track and with very little pressure snap into place. To remove, push center section of spring toward molding. Module will “pop free.”
- **Total Modular Principle** – Two and three-pole nylon modules are complete with white fiber marking strips and retaining springs.
- **Reduced Inventory** – No end moldings, mounting brackets or metal mounting clamps are needed for assembly.
- **Compact Design** – 3/8” center-to-center terminals provide compact circuit density. 32 poles per foot – 192 per six foot length.
- **Terminal Flexibility** – Three different terminal variations are available. Ratings up to 50A/600V.
- **Durable Modular Construction** – All SW models feature moldings of break-resistant nylon.
- **May be pre-assembled on track**
- **Wire Sizes** – Types SWS strap screw terminal with No. 6-32 screws. UL recognized for No. 22AWG to No. 14AWG. Type SWT tubular terminal with No. 10-32 screws. UL recognized for No. 16AWG to No. 8AWG. Type SWTC tubular clamp terminal with No. 10-32 screws. UL recognized for No. 22AWG to No. 8AWG.
- **Recognition and Listing** – UL recognized and CSA certified


**Series SW Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.D.</td>
<td>2.94 (7.46)</td>
</tr>
<tr>
<td>M.D.</td>
<td>0.750 (19.05)</td>
</tr>
<tr>
<td>.375</td>
<td>(9.52)</td>
</tr>
<tr>
<td>0.218 Dia. Mtg. Hole</td>
<td>(5.55)</td>
</tr>
<tr>
<td>1.950</td>
<td>(49.52)</td>
</tr>
<tr>
<td>1.500</td>
<td>(38.1)</td>
</tr>
<tr>
<td>1.375</td>
<td>(34.92)</td>
</tr>
<tr>
<td>.1562</td>
<td>(39.67)</td>
</tr>
</tbody>
</table>

NOTE: mm dim. are shown in parentheses.
**Specifications:**

- **Center-to-Center Spacing:** 3/8" (9.52mm)
- **Wire Range:**
  - SWS & DSWS – No. 22AWG to No. 14AWG – requires use of lugs
  - SWT & DSWT – No. 16AWG to No. 8AWG
  - SWTC & DSWTC – No. 22AWG to No. 8AWG
- **No. of Terminals:** 2 thru 192
- **Voltage Rating:** CSA & UL: 600V
- **Tightening Torque:**
  - SWS & DSWS  12 in.-lb.
  - SWT & DSWT  25 in.-lb.
  - SWTC & DSWTC  25 in.-lb.
- **Current Rating:**
  - SWS: 25A, SWT & SWTC: 50A

**Housing:**
- Material: Polyamide
- Continuous Use Temp. (UL Index): 125°C (257°F)
- Flammability Rating: 94V-2
- Water Absorption (24 hrs. % wt. gain): 1.5%
- Chemical Resistance: Outstanding resistance to both organic and inorganic substances

**Breakdown Voltage:**
- SWS/DSWS: Terminal - Terminal 7,000V Typ., Terminal - Ground 8,400V Typ.
- SWTC/DSWTC: Terminal - Terminal 4,900V Typ., Terminal - Ground 9,300V Typ.

**Note:** Specifications contained herein are subject to change without notice.

**How to Order**

SW and DSW Series modules are ordered by listing a composite number made up of the model designation preceded by the number of poles per module.

Prefixes are used as follows:
- 2P denotes 2-pole module
- 3P denotes 3-pole module

Example: a 2-pole SWT module becomes stock number 2PSWT; a 3-pole module becomes 3PSWT.

**Series DSW Dimensions**

![Diagram of DSW dimensions](image)

**MARKING STRIPS**

White fiber marking strip available in two or three-pole lengths or in pre-punched 100-ft. rolls.

To order, specify:
- Part No. 275A8 2PSW
- Part No. 275A9 3PSW
- 100-ft. Rolls – Part No. 20SW Coil
- Pins – Part No. 21SW Pin

**TERMINAL JUMPER CONNECTS**

Brass jumper connects 12 consecutive terminals and can be cut for shorter applications

Part No. 275-A14.

Type 275-A16 is designed to connect two adjacent terminals.

**Series SW and DSW Accessories**

- **MARKING STRIPS**
  - White fiber marking strip available in two or three-pole lengths or in pre-punched 100-ft. rolls.
  - To order, specify:
    - Part No. 275A8 2PSW
    - Part No. 275A9 3PSW
    - 100-ft. Rolls – Part No. 20SW Coil
    - Pins – Part No. 21SW Pin

- **TERMINAL JUMPER CONNECTS**
  - Brass jumper connects 12 consecutive terminals and can be cut for shorter applications
  - Part No. 275-A14.
  - Type 275-A16 is designed to connect two adjacent terminals.