

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 (over for DIN modules) and with very little pressure snap into place. To remove, push center section of spring toward molding. Module will “pop free.”
- **“D” SERIES MADE TO MOUNT ON DIN TRACK.**
- **TOTAL MODULE 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 50 amps/600 volts.
- **DURABLE MODULAR CONSTRUCTION** – All SW and DSW models feature moldings of break-resistant nylon.
- **MAY BE PRE-ASSEMBLED ON TRACK.**
- **WIRE SIZES** – Types SWS and DSWS strap screw terminal with No. 6-32 screws. UL recognized for No. 22AWG to No. 14AWG. Types SWT and DSWT tubular terminal with No. 10-32 screws. UL recognized for No. 16AWG to No 8AWG. Types SWTC and dSWTC tubular clamp terminal with No. 10-32 screws. UL recognized for No. 22AWG to No. 8AWG.
- **RECOGNITION AND LISTING** – UL recognized and CSA certified.



Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.



Guide No. 184-N-90, Report No. LR39186-1.

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 No. 22AWG to No. 8AWG.



NOTE: All variations as illustrated above available in two or three terminal modules only.

ENGINEERING SPECIFICATIONS

Center-to-Center Spacing: 3/8" (9.52 mm)

Wire Range: SWS and DSWA-No 22AWG to No. 14AWG (Above requires use of lugs.)

SWT and DSWT - No. 16AWG to No. 8AWG.

SWTC and DSWTC - No. 22AWG to No. 8AWG.

Number of Terminals: 2 thru 192

Voltage Rating: CSA and UL - 600 volts.

Tightening Torque:

Type SWS and DSWs 12 in.-lb.

Type SWT and DSWT 25 in.-lb.

Type SWTC and DSWTC 25 in.-lb.

Current Rating: SWS and DSWs - 25 amps; SWT, DSWT, SWTC and DSWTC - 50 amps.

Housing:

Material: Polyamide

Continuous Use Temp.: 125° C (257° F)
(UL Index)

Flammability Rating: 94V-2

Water Absorption:
(24 hrs. % wt. gain) 1.5%

Chemical Resistance: Outstanding resistance to both.

Breakdown Voltage: SWS/DSWS SWT/DSWT SWTC/DSWTC

Terminal - Terminal: 7,500V Typ. 4,700V Typ. 4,900V Typ.

Terminal - Ground: 7,000V Typ. 8,200V Typ. 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 uses as follows:

2P Denotes 2-pole module

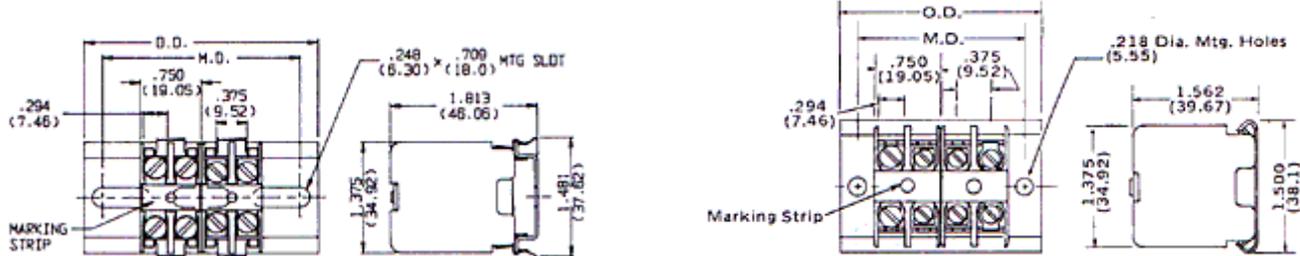
3P Denotes 3-pole module

Example: a two-pole SWT module becomes stock number 2PSWT; a three-pole module becomes 3PSWT. A two-pole DSWT module becomes stock number 2PDSWT; a three-pole module becomes 3PDSWT.

See pages 24 & 25 for higher current blocks which may be combined with the SW and DSW series.

See pages 26 & 27 for track, pre-assembled blocks and accessory modules.

DIMENSIONS



Call factory for mounting dimensions on other lengths.

ACCESSORIES

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, 2PDSW)
Part No. 275A9 (3PSW, 3PDSW)
100-ft Rolls - Part No. 20SW
Pins - Part No. 21SW



Insulated phosphor-bronze connector clamps to over head of No. 10-32 terminal screws. Test lead and test jumper are constructed from 6' length of No. 14AWG wire. Test lead is fitted with connector at one end only, while test jumper has connectors at both ends. Connectors eliminate use of alligator clips and are rated 50 amps intermittently at 15 amps continuously.
18W (test lead)
19W (test jumper)



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.