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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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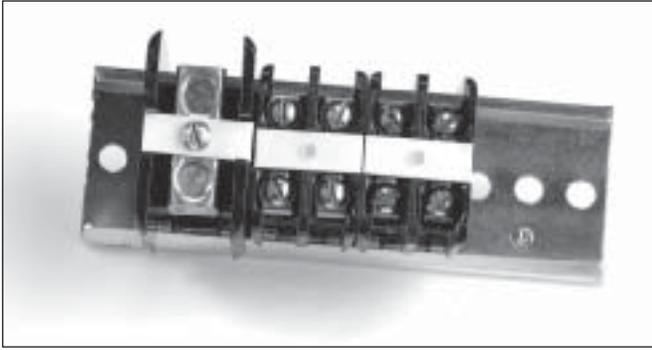
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



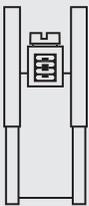
# Series W 7/16" (11.11mm) Center-to-Center Spacing

High Voltage/Current

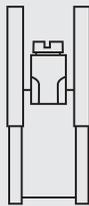
BARRIER STYLE



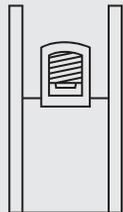
## Series W Variations and Terminal Designations



**WT** Solderless electro-tinned tubular connector with No. 10-32 terminal screws. Accepts wire from No. 16AWG to No. 8AWG. Rated 50A/600V.

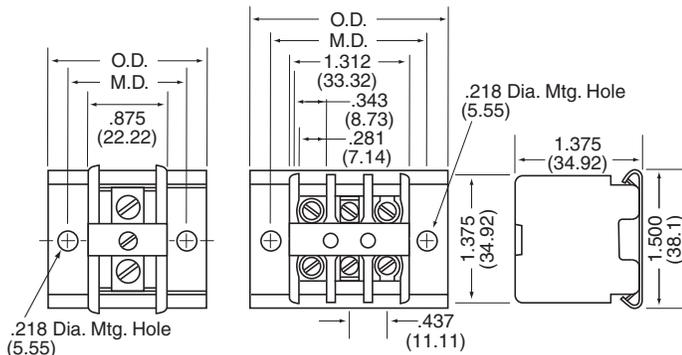


**WTC** Solderless electro-tinned tubular connector with No. 10-32 terminal screws capitivated by traveling pressure pad. Accepts wire from No. 22AWG to No. 8AWG. Rated 50A/600V



**WH** Solderless electro-tinned tubular connector with sidewall tapped for 5/16" - 24 terminal screw. Accepts wire from No. 22AWG to No. 4AWG. Rated 75A/600V.

## Series W Dimensions



## 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 phenolic 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** –7/16" center-to-center terminals provide compact circuit density. 164 poles per six foot length.
- **Terminal Flexibility** – Three different terminal variations are available. Ratings up to 75A/600V.
- **Durable Modular Construction** – All W models feature rugged thermo-set phenolic moldings.
- **May be pre-assembled on track**
- **Wire Sizes** – Types WT with No. 10-32 tubular terminal screws UL recognized for No. 16AWG to No 8AWG. Type WTC tubular clamp terminal with No. 10-32 screws UL recognized for No. 22AWG to No. 8AWG. Type WH with 5/16-24 terminal screws UL recognized for No. 22AWG to No. 4AWG.
- **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. 22.2 No. 158, Report No. LR39186-1.

## How to Order

W Series modules are ordered by listing a composite number made up of the model designation preceded by a prefix which indicates the number of poles per module.

Prefixes are used as follows:

- P denotes 1-pole module
- 2P denotes 2-pole module

Example: a 2-pole WT module becomes stock number 2PWT and a WH Type available as single terminal module only is referred to as PWH.

**Specifications:****Center-to-Center Spacing:** 7/16" (11.11mm)**Wire Range:**

WT – No. 16AWG to No. 8AWG  
 WTC – No. 22AWG to No. 8AWG  
 WH – No. 22AWG to No. 4AWG

**No. of Terminals:** 2 thru 164**Voltage Rating:** CSA & UL: 600V**Tightening Torque:**

WT, WTC 25 in.-lb.  
 WH 45 in.-lb. (4-6AWG)  
 40 in.-lb. (8AWG)  
 35 in.-lb. (10-14 AWG)

**Current Rating:** WT, WTC: 50A, WH: 75A**Housing:**

Material Phenolic  
 Continuous Use  
 Temp. (UL Index) 150°C (302°F)  
 Flammability Rating 94V-1  
 Water Absorption  
 (24 hrs. % wt. gain) 0.5%  
 Chemical Resistance Resistant to most organic solvents

Breakdown Voltage:	WT	WTC	WH
Terminal - Terminal	6,300V Typ.	5,100V Typ.	10,500V Typ.
Terminal - Ground	10,100V Typ.	10,100V Typ.	7,700V Typ.

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

**Series W Accessories****MARKING STRIPS**

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

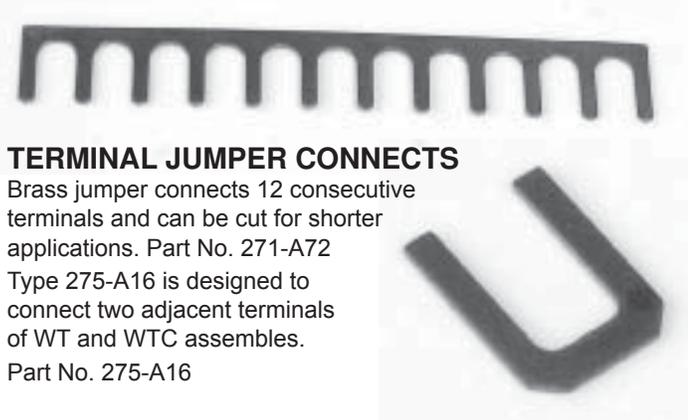
To order, specify:

Part No. 271A11 (2PW)

Part No. 271A13 (3PW)

100-ft. Rolls – Part No. 20W

Pins – Part No. 21W

**TERMINAL JUMPER CONNECTS**

Brass jumper connects 12 consecutive terminals and can be cut for shorter applications. Part No. 271-A72

Type 275-A16 is designed to connect two adjacent terminals of WT and WTC assemblies.

Part No. 275-A16

**Tracks****Features:**

- **STURDY TRACK** – constructed of heavy steel with zinc-dichromate plating. Mounting holes are 7/32 inch diameter and provided continuously on 3/8 inch center-to-center spacing (SW Series) and 7/16 inch centers (W Series). DIN mounting holes are slots .248" wide by .709" long on .984" center-to-center spacing.
- **ECONOMICAL STANDARD LENGTHS** – mounting track available in three and six-foot pre-cut lengths for self-cutting to application needs. DIN track available in two meter (78.74") lengths.
- **PRE-CUT TRACK** – available for large volume work where identical lengths are used. Save cutting time in your plant.
- **SW, DSW, W AND DW SERIES COMPATIBILITY** – track accommodates both W and SW Series of snap-in track type modules with any combination of terminal assemblies, fuse blocks, etc. DIN track accommodates DW and DSW Series modules.

**How to Order**

When ordering non-DIN track to a specified size, simply designate model followed by length required, expressed in poles. Example: SW with space for 24 poles plus two mounting holes becomes stock number SW-24. For standard three and six foot lengths, simply designate model followed by 96 or 192 respectively (SW Series) or 82/164 (W Series). Examples: SW-96 or SW-192; W-82 or W-164. For DIN track, specify DT and length of track desired (in 2.5 centimeter increments). For example, DT-10 designates DIN track 10 centimeters in length. Dimensions are ± .10 cm.

Fuse blocks, knife switches and WH Type terminal assemblies are the same width as two-pole W modules and therefore require twice the space of a single pole W.