

## HEATER HOOK-UP WIRE ACCESSORIES

### Crimping Tool

- ✓ Heavy Duty
- ✓ Also Serves as a Wire Cutter (Copper and Aluminum Wire Only)
- ✓ Crimps Lugs onto 10 Through 22 AWG Solid or Stranded Wire



### Bus Bars

High-temperature wire and bus bars are recommended for connections to heater terminals and for runs in heated zones. When ambient temperature exceeds the maximum allowed for insulated wire, use a bus bar wire or a bar with porcelain insulators. Current-carrying capacities should be carefully noted. A bus bar is solid or perforated to facilitate wiring, especially when terminals are in line. The perforated bus bar has  $1\frac{1}{32} \times \frac{7}{32}$ " slots on  $\frac{7}{16}$ " centers. When connecting elements with a bus bar, provide expansion loops between elements. Bus bars can be used in multiples for higher amperage capacity (approximately 33.5% per bus bar) than listed to the right. Specify the number of feet of bus bar required for your application.

### Bus Bars

  **MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

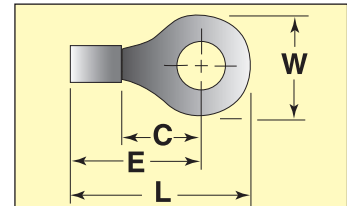
Model No.	Price/ft	Monel	Dimensions: mm (in)		Amps*
			Width	Thickness	
BBS-A	\$12	Solid	13 (0.5)	0.08 (0.032)	18
BBS-B	12	Solid	13 (0.5)	1.63 (0.064)	28
BBP-A	12	Perforated†	13 (0.5)	0.08 (0.032)	9
BBP-B	12	Perforated†	13 (0.5)	1.63 (0.064)	16

Specify number of feet: 10' minimum.

† Slot Size =  $\frac{1}{32} \times \frac{7}{32}$ ". \* These current values will cause the conductor to operate at 38°C (100°F) above surrounding ambient; values can also be used for bare wire with porcelain tubes or bead insulation.

### High-Temperature Ring Terminals

- ✓ 345°C (650°F) Temperature Rating
- ✓ Nickel-Plated Copper
- ✓ Uninsulated

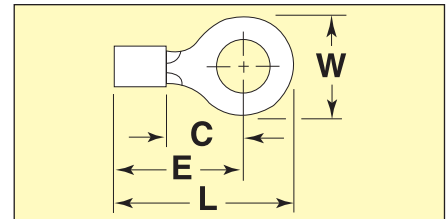


### High-Temperature Ring Terminals (pkg of 10)

Model No.	Price	Dimensions: mm (in)				Stud Size	Use with Wire AWG
		C (min)	W	E (max)	L (max)		
RLNC-22	\$4	6 (0.25)	10 (0.38)	11 (0.43)	15 (0.57)	10	22 to 16
RLNC-16	5	7 (0.28)	9 (0.34)	12 (0.46)	16 (0.64)	10	16 to 14
RLNC-12	6	8 (0.30)	10 (0.38)	14 (0.57)	19 (0.76)	10	12 to 10

### Ultra-High-Temperature Ring Terminals

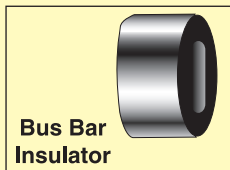
- ✓ 650°C (1200°F) Temperature Rating
- ✓ 100% Nickel
- ✓ Uninsulated



### Ultra-High-Temperature Ring Terminals (pkg of 10)

Model No.	Price	Dimensions: mm (in)				Stud Size	Use with Wire AWG
		C (min)	W	E (max)	L (max)		
RLNI-22	\$10	7 (0.28)	8 (0.31)	11.6 (0.46)	15.7 (0.62)	10	22 to 16
RLNI-16	11	7 (0.28)	9 (0.34)	11.6 (0.46)	16.3 (0.64)	10	16 to 14
RLNI-12	16	7 (0.28)	9 (0.37)	13.7 (0.54)	18.5 (0.73)	10	12 to 10

**Porcelain Hi-Temp Insulation for Bus Bars:** Porcelain insulators 13 mm ( $\frac{1}{2}$ " long x 21 mm ( $\frac{13}{16}$ " wide with 3 mm ( $\frac{1}{8}$ " x 14 mm ( $\frac{9}{16}$ " slot; 95 pieces per lb.



Bus Bar Insulator

To order bus bar insulators, ask for model no. **BBINS**, price \$0.35 each.

### Flexible Metal Armor

- ✓ For Abrasion and Flexing Protection

Model No.: THE-0043 Price: \$1.50/ft  
Dimensions: 5 mm ( $\frac{3}{16}$ " ID, 6.8 ± 15 mm (0.269 ± 0.006") OD

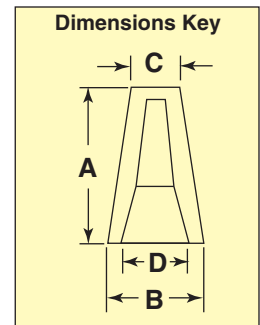
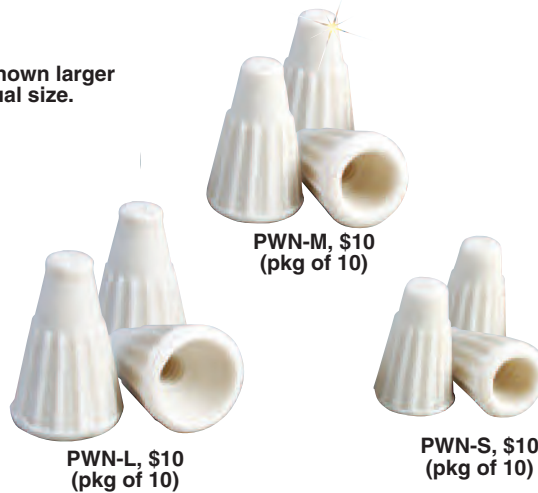
## PORCELAIN WIRE CONNECTORS

PW Series  
**\$10**  
 All Models  
 Pkg of 10



- ✓ For High Temperature Applications Over 105°C (221°F)
- ✓ Three Sizes Accommodate #18-14 AWG Stranded Copper Wire Only
- ✓ 300V Rated

All models shown larger than actual size.



**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)						Dimensions mm (in)			
Model No.	Price	Quantity	Wire Range AWG	Min	Max	A	B	C	D
						PWN-S	\$10	pkg of 10	18 to 14
PWN-M	10	pkg of 10	18 to 14	2 #18	2 #16 with 2 #18	19 (3/4)	12 (31/64)	5 (13/64)	8 (5/16)
PWN-L	10	pkg of 10	18 to 14	2 #18	4 #16	21 (27/32)	13 (17/32)	6 (7/32)	10 (13/32)

## BUTT SPLICE CONNECTORS

BSC Series  
 Starts at  
**\$15**  
 Pkg of 25



- ✓ Insulated Vinyl Butt Splice Connectors
- ✓ Temperature Rated to 75°C (167°F)

All models shown smaller than actual size.



**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)						
Model No.	Price	Quantity	Color	OD mm (in)	Length mm (in)	Wire Range (AWG)
BSC-22-18	\$20	pkg of 50	Red	4 (0.157)	25 (0.986)	22 to 18
BSC-16-14	20	pkg of 50	Blue	4 (0.177)	25 (0.986)	16 to 14
BSC-12-10	15	pkg of 25	Yellow	6 (0.248)	26 (1.024)	10 to 12

### Specifications

Insulation Type: Insulated vinyl  
 Material: Copper  
 Flammability Rating: UL 94 V-0



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters