

## 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)

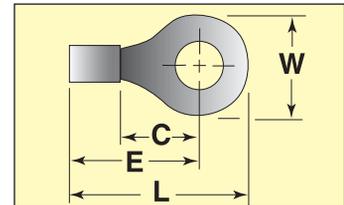
Model No.	Monel	Dimensions: mm (in)		Amps*
		Width	Thickness	
BBS-A	Solid	13 (0.5)	0.08 (0.032)	18
BBS-B	Solid	13 (0.5)	1.63 (0.064)	28
BBP-A	Perforated†	13 (0.5)	0.08 (0.032)	9
BBP-B	Perforated†	13 (0.5)	1.63 (0.064)	16

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

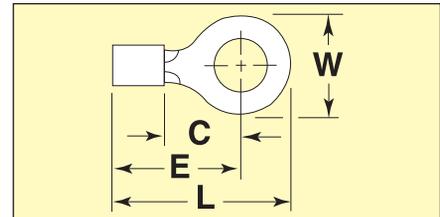


### High-Temperature Ring Terminals (pkg of 10)

Model No.	Dimensions: mm (in)				Stud Size	Use with Wire AWG
	C (min)	W	E (max)	L (max)		
RLNC-22	6 (0.25)	10 (0.38)	11 (0.43)	15 (0.57)	10	22 to 16
RLNC-16	7 (0.28)	9 (0.34)	12 (0.46)	16 (0.64)	10	16 to 14
RLNC-12	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.	Dimensions: mm (in)				Stud Size	Use with Wire AWG
	C (min)	W	E (max)	L (max)		
RLNI-22	7 (0.28)	8 (0.31)	11.6 (0.46)	15.7 (0.62)	10	22 to 16
RLNI-16	7 (0.28)	9 (0.34)	11.6 (0.46)	16.3 (0.64)	10	16 to 14
RLNI-12	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**.

### Flexible Metal Armor For Abrasion and Flexing Protection

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

## PORCELAIN WIRE CONNECTORS

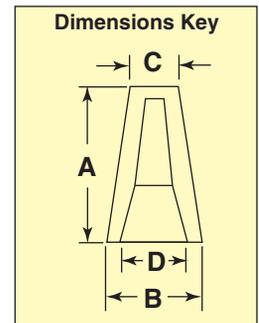
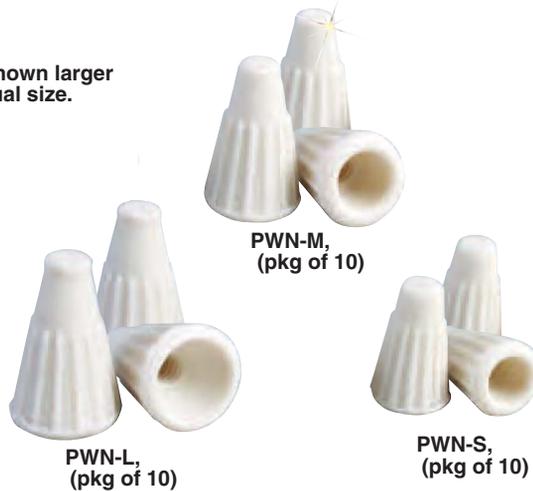
### PW Series

All models shown larger than actual size.

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



**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)								
Model No.	Quantity	Wire Range AWG	Min	Max	Dimensions mm (in)			
					A	B	C	D
PWN-S	pkg of 10	18 to 14	2 #18	1 #18 with 2 #16	17 (11/16)	10 (13/32)	5 (3/16)	6 (1/4)
PWN-M	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	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

All models shown smaller than actual size.

Pkg of 25



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



**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)						
Model No.	Quantity	Color	OD mm (in)	Length mm (in)	Wire Range (AWG)	
BSC-22-18	pkg of 50	Red	4 (0.157)	25 (0.986)	22 to 18	
BSC-16-14	pkg of 50	Blue	4 (0.177)	25 (0.986)	16 to 14	
BSC-12-10	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

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### • Heaters

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