

PAN-TERM® TERMINALS

PANDUIT® PAN-TERM® Terminals are designed and manufactured for fast assembly, and reliable performance. PANDUIT provides an extensive line of tooling designed specifically to provide optimum performance. As the demand for loose piece terminals increases, it becomes essential to provide a complete system for termination products.



Funnel entry available on vinyl and nylon insulated terminals and disconnects, speeds insertion and minimizes turned back wire strands

Made of electrolytic copper to provide an optimum combination of crimp forming and high conductivity properties to provide optimum terminations

Offered in various types including rings, forks, flanged forks, locking forks and short locking forks

Available in sizes from #26 – #2 AWG and stud hole diameters from #2 – 1/2 inch. Non-insulated tubular terminals sizes from #8 – 250 kcmil

Applicable sizes are UL Listed and CSA Certified, as noted

Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. PANDUIT offers a wide assortment of PAN-TERM® termination products to meet customer needs at the lowest installed cost.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – PAN-TERM® Terminals

B1. Cable Ties

All PANDUIT Terminals feature high quality materials made with electrolytic copper for high conductivity and are tin plated for corrosion resistance.

B2. Cable Accessories

B3. Stainless Steel

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E2. Labels

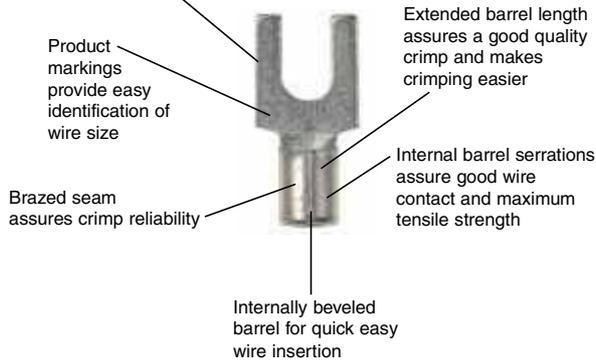
E3. Pre-Printed & Write-On Markers

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Non-Insulated Terminals Type P

Maximum recommended operating temperature 150°C (302°F)



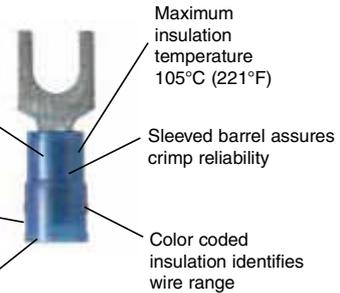
UL and CSA rated up to 2000V per UL486A. Nickel plated terminals rated up to 343°C (650°F) maximum operating temperature.

Nylon Insulated Terminals With Insulation Grip Sleeve Type PN or PNF

Internal barrel serrations assure good wire contact and maximum tensile strength

Insulation grip sleeve provides a superior insulation crimp for high vibration and high strain relief applications

Funnel entry for faster insertion and lower installed cost



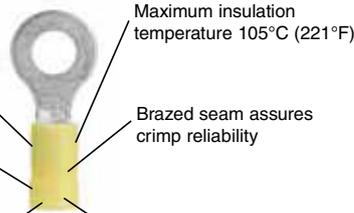
UL and CSA rated up to 600V per UL486. Flammability – UL94V-2/HB. Proprietary blend of UL94V-2 and UL94HB flammability rated materials.

Vinyl Insulated Terminals With Insulation Support Type PV

Internal barrel serrations assure good wire contact and maximum tensile strength

Insulation crimp provides insulation support to protect electrical crimp

Funnel entry for faster insertion and lower installed cost



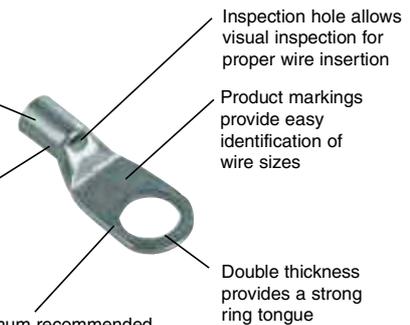
UL and CSA rated up to 600V per UL486. Flammability – UL94V-0.

Non-Insulated Seamless Tubular Terminals Type S

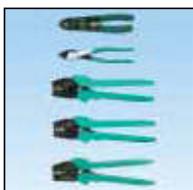
Internally beveled barrel for quick easy wire insertion

Seamless tubular barrel provides consistent, high performance, quality crimps

Maximum recommended operating temperature 150°C (302°F)



UL and CSA rated up to 2000V per UL486A.



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See [pages D1.71 – D1.74](#).



PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See [pages E1.1 – E2.30](#).

Selection Guide – PAN-TERM® Ring Terminals

| Insulation Material | Style | Feature | Type | Page Number | |
|------------------------------|---------------|-----------------------------|---|-------------|-------|
| Ring Terminals | Nylon | Insulation Grip | PN-R | D1.5 | |
| | | Funnel Entry | PNF-R | D1.6 | |
| | | Expanded Insulation | PN-RX | D1.6 | |
| | | Heavy Duty | PN-HDR | D1.10 | |
| | Multiple Stud | Insulation Grip | PN-610R | D1.7 | |
| | | Insulation Support | PV-R | D1.7 | |
| | Vinyl | Standard Ring | Expanded Insulation | PV-RX | D1.8 |
| | | | Heavy Duty | PV-HDR | D1.11 |
| | | | Large Wire, Insulation Support | PV-R/X | D1.12 |
| | | Multiple Stud | Expanded Insulation, Insulation Support | PV-RX | D1.13 |
| Insulation Support | | | PV-610R | D1.9 | |
| Heat Shrink | Standard Ring | Heat Shrink Insulation | PH-R | D1.10 | |
| KYNAR [■] Insulated | Standard Ring | Insulation Grip | PK-R | D1.9 | |
| Non-Insulated | Standard Ring | Brazed Seam | P-R | D1.14 | |
| | | High Temp, Brazed Seam | P-RHT | D1.15 | |
| | | Heavy Duty | P-HDR | D1.16 | |
| | | Large Wire | P-R | D1.16 | |
| | Multiple Stud | Brazed Seam | P-610R | D1.15 | |
| | Tubular Ring | Large Wire, Seamless Barrel | S-R | D1.17 | |

■KYNAR is a registered trademark of Atofina Chemicals, Inc.



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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Selection Guide – PAN-TERM® Fork Terminals

| Material | Style | Feature | Type | Page Number |
|---------------------|--------------------|----------------------------------|--------------------|-------------|
| Nylon | Standard Fork | Insulation Grip | PN-F | D1.18 |
| | | Funnel Entry | PNF-F | D1.18 |
| | Locking Fork | Insulation Grip | PN-LF | D1.20 |
| | | Funnel Entry | PNF-LF | D1.20 |
| | Locking Fork Short | Insulation Grip | PN-SLF | D1.22 |
| | | Funnel Entry | PNF-SLF | D1.22 |
| | Flanged Fork | Insulation Grip | PN-FF | D1.23 |
| | Vinyl | Standard Fork | Insulation Support | PV-F |
| Expanded Insulation | | | PV-FX | D1.19 |
| Locking Fork | | Funnel Entry | PV-LF | D1.21 |
| Locking Fork Short | | Expanded Insulation Ins. Support | PV-LFX | D1.21 |
| | | Funnel Entry | PV-SLF | D1.23 |
| Flanged Fork | Funnel Entry | PV-FF | D1.24 | |
| Heat Shrink | Standard Fork | Heat Shrink Insulation | PH-F | D1.26 |
| Non-Insulated | Standard Fork | Brazed Seam | P-F | D1.24 |
| | Flanged Fork | Brazed Seam | P-FF | D1.25 |
| | Locking Fork | Brazed Seam | P-LF | D1.25 |
| | Locking Fork Short | Brazed Seam | P-SLF | D1.26 |



Part Number System for PAN-TERM® Terminals

| P | N | 14 | 4 | R | X | C |
|--|---|---|---|--|--|--|
| Type | Insulation | Wire Range | Stud Size | Tongue Configuration | Special Configuration | Std. Pkg. Size |
| P = PAN-TERM® Seamed Barrel S = PAN-TERM® Seamless Tubular Barrel | K = KYNAR® Insulated N = Nylon Insulated NF = Nylon Insulated Funnel Entry V = Vinyl Insulated = Non-Ins (leave blank) | 22 = #26-22 18 = #22-18 14 = #16-14 12 = #16-12 10 = #12-10 8 = #8 6 = #6 4 = #4 2 = #2 1 = #1 1/0 = 1/0 2/0 = 2/0 3/0 = 3/0 4/0 = 4/0 250 = 250kcmil | 2 = #2 4 = #4 5 = #5 6 = #6 8 = #8 10 = #10 14 = 1/4" 56 = 5/16" 38 = 3/8" 76 = 7/16" 12 = 1/2" | HDR = Heavy Duty Ring F = Fork FF = Flanged Fork LF = Locking Fork P = Pin R = Ring SLF = Short Locking Fork | HT6 = High Temperature N = Narrow Tongue W = Wide Tongue X = Expanded Insulation = Non-Expanded Insulation (leave blank) | 5 = 5 X = 10 E = 20 Q = 25 L = 50 C = 100 T = 200 D = 500 M = 1000 |

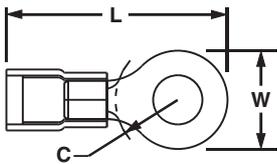
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Ring Terminal, Nylon Insulated

Type PN-R

- Insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------------|-----------|-----------|-------------------------|------|------|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN22-2R-C* | 26-22 AWG | Yellow | .02 | .090 | #2 | .69 | .20 | .18 | CT-100, CT-600, CT-1525 | 100 | 1000 |
| PN22-4R-C* | | | .02 | .090 | #4 | .69 | .20 | .18 | | 100 | 1000 |
| PN22-6R-C* | | | .02 | .090 | #6 | .69 | .20 | .18 | | 100 | 1000 |
| PN22-8R-C* | | | .02 | .090 | #8 | .78 | .26 | .26 | | 100 | 1000 |
| PN22-10R-C* | 22-18 AWG | Red | .02 | .090 | #10 | .78 | .31 | .24 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 1000 |
| PN18-4RN-C | | | .03 | .145 | #4 | .74 | .22 | .18 | | 100 | 500 |
| PN18-4R-C | | | .03 | .145 | #4 | .80 | .25 | .22 | | 100 | 500 |
| PN18-6RN-C | | | .03 | .145 | #6 | .77 | .22 | .18 | | 100 | 500 |
| PN18-6R-C | | | .03 | .145 | #6 | .80 | .25 | .22 | | 100 | 500 |
| PN18-8R-C | | | .03 | .145 | #8 | .86 | .31 | .25 | | 100 | 500 |
| PN18-10R-C | | | .03 | .145 | #10 | .88 | .31 | .25 | | 100 | 500 |
| PN18-14R-C | | | .03 | .145 | 1/4" | 1.09 | .45 | .38 | | 100 | 500 |
| PN18-56R-C | | | .03 | .145 | 5/16" | 1.09 | .46 | .38 | | 100 | 500 |
| PN18-38R-C | | | .03 | .145 | 3/8" | 1.17 | .53 | .43 | | 100 | 500 |
| PN18-12R-C | 16-14 AWG | Blue | .03 | .145 | 1/2" | 1.35 | .72 | .53 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN14-4R-C | | | .03 | .162 | #4 | .78 | .25 | .20 | | 100 | 500 |
| PN14-6RN-C | | | .03 | .162 | #6 | .76 | .25 | .20 | | 100 | 500 |
| PN14-6R-C | | | .03 | .162 | #6 | .85 | .31 | .25 | | 100 | 500 |
| PN14-8R-C | | | .03 | .162 | #8 | .85 | .31 | .25 | | 100 | 500 |
| PN14-10R-C | | | .03 | .162 | #10 | .85 | .31 | .25 | | 100 | 500 |
| PN14-14R-C | | | .03 | .162 | 1/4" | 1.05 | .46 | .38 | | 100 | 500 |
| PN14-56R-C | | | .03 | .162 | 5/16" | 1.05 | .46 | .38 | | 100 | 500 |
| PN14-38R-L | | | .03 | .162 | 3/8" | 1.14 | .53 | .43 | | 50 | 500 |
| PN14-12R-L | | | 12-10 AWG | Yellow | .03 | .162 | 1/2" | 1.35 | | .72 | .53 |
| PN10-6R-L | .04 | .225 | | | #6 | 1.06 | .37 | .31 | 50 | 500 | |
| PN10-8R-L | .04 | .225 | | | #8 | 1.06 | .37 | .31 | 50 | 500 | |
| PN10-10R-L | .04 | .225 | | | #10 | 1.06 | .38 | .31 | 50 | 500 | |
| PN10-14R-L | .04 | .225 | | | 1/4" | 1.21 | .52 | .38 | 50 | 500 | |
| PN10-56R-L | .04 | .225 | | | 5/16" | 1.21 | .52 | .38 | 50 | 500 | |
| PN10-38R-L | .04 | .225 | | | 3/8" | 1.29 | .58 | .43 | 50 | 500 | |
| PN10-12R-L | .04 | .225 | | | 1/2" | 1.47 | .72 | .53 | 50 | 500 | |

*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.

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‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

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A. System Overview



Ring Terminal, Nylon Insulated – Expanded Insulation

B1. Cable Ties

Type PN-RX

- Insulation grip sleeve
- For large wire insulation O.D.

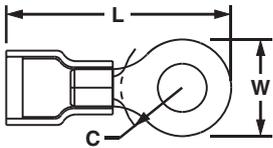
B2. Cable Accessories



B3. Stainless Steel



C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



Ring Terminal, Nylon Insulated – Funnel Entry

Type PNF-R

- Insulation grip sleeve

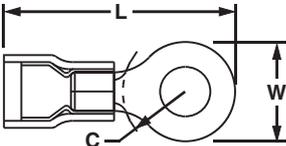
D1. Terminals



D2. Power & Grounding Connectors



E1. Labeling System



E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN14-6RX-C | 16-14 AWG | Blue | .03 | .200 | #6 | .93 | .31 | .25 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN14-8RX-C | | | .03 | .200 | #8 | .93 | .31 | .25 | | | |
| PN14-10RX-C | | | .03 | .200 | #10 | .93 | .31 | .25 | | | |
| PN14-14RX-C | | | .03 | .200 | 1/4" | 1.13 | .46 | .38 | | | |
| PN10-6RX-L | 12-10 AWG | Yellow | .04 | .265 | #6 | 1.13 | .37 | .33 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PN10-8RX-L | | | .04 | .265 | #8 | 1.13 | .37 | .33 | | | |
| PN10-10RX-L | | | .04 | .265 | #10 | 1.13 | .37 | .33 | | | |
| PN10-14RX-L | | | .04 | .265 | 1/4" | 1.27 | .52 | .42 | | | |
| PN10-56RX-L | | | .04 | .265 | 5/16" | 1.27 | .52 | .42 | | | |
| PN10-38RX-L | | | .04 | .265 | 3/8" | 1.35 | .58 | .46 | | | |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PNF18-4R-C | 22-18 AWG | Red | .03 | .136 | #4 | .77 | .25 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PNF18-6RN-C | | | .03 | .136 | #6 | .76 | .22 | .18 | | | |
| PNF18-8R-C | | | .03 | .136 | #6 | .77 | .25 | .20 | | | |
| PNF18-8R-C | | | .03 | .136 | #8 | .87 | .31 | .24 | | | |
| PNF18-10R-C | | | .03 | .136 | #10 | .87 | .32 | .25 | | | |
| PNF18-14R-C | | | .03 | .136 | 1/4" | 1.08 | .46 | .38 | | | |
| PNF18-56R-C | | | .03 | .136 | 5/16" | 1.08 | .46 | .39 | | | |
| PNF18-38R-C | | | .03 | .136 | 3/8" | 1.16 | .53 | .41 | | | |
| PNF14-4R-C | 16-14 AWG | Blue | .03 | .162 | #4 | .78 | .25 | .18 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PNF14-6RN-C | | | .03 | .162 | #6 | .78 | .25 | .18 | | | |
| PNF14-6R-C | | | .03 | .162 | #6 | .87 | .31 | .24 | | | |
| PNF14-8R-C | | | .03 | .162 | #8 | .87 | .31 | .25 | | | |
| PNF14-10R-C | | | .03 | .162 | #10 | .85 | .31 | .29 | | | |
| PNF14-14R-C | | | .03 | .162 | 1/4" | 1.06 | .46 | .40 | | | |
| PNF14-56R-C | | | .03 | .162 | 5/16" | 1.06 | .46 | .40 | | | |
| PNF14-38R-L | | | .03 | .162 | 3/8" | 1.14 | .53 | .45 | | | |
| PNF10-6R-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.06 | .37 | .31 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PNF10-8R-L | | | .04 | .225 | #8 | 1.06 | .37 | .31 | | | |
| PNF10-10R-L | | | .04 | .225 | #10 | 1.06 | .37 | .31 | | | |
| PNF10-14R-L | | | .04 | .225 | 1/4" | 1.21 | .52 | .38 | | | |
| PNF10-56R-L | | | .04 | .225 | 5/16" | 1.21 | .52 | .38 | | | |
| PNF10-38R-L | | | .04 | .225 | 3/8" | 1.29 | .58 | .43 | | | |

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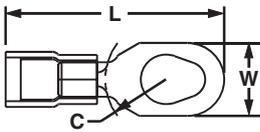


Multiple Stud Terminal, Nylon Insulated

Type PN-610R

- Insulation grip sleeve

- Single terminal for #6, #8 and #10 size studs



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------------|-----------|-------------|-------------------------|-----|-----|--|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN18-610R-C | 22-18 AWG | Red | .03 | .145 | #6, #8, #10 | .95 | .31 | .25 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡, CT-400 | 100 | 500 |
| PN14-610R-C | 16-14 AWG | Blue | .03 | .162 | | .95 | .31 | .25 | | 100 | 500 |
| PN10-610R-L | 12-10 AWG | Yellow | .04 | .225 | | 1.17 | .37 | .33 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

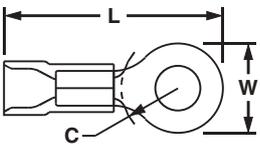
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71 through D1.74.



Ring Terminal, Vinyl Insulated – Funnel Entry

Type PV-R

- Insulation support
- Brazed seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. | | | |
|--------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|------|--------------------------------------|------------------|--------------------------------------|--------------------------------------|-----|-----|
| | | | | | | L | W | C | | | | | | |
| PV22-2R-C* | 26-22 AWG | Yellow | .02 | .110 | #2 | .68 | .21 | .18 | CT-100, CT-600, CT-1525 | 100 | 1000 | | | |
| PV22-4R-C* | | | #4 | .68 | .21 | .18 | 100 | 1000 | | | | | | |
| PV22-6R-C* | | | #6 | .68 | .21 | .18 | 100 | 1000 | | | | | | |
| PV22-8R-C* | | | #8 | .78 | .26 | .26 | 100 | 1000 | | | | | | |
| PV22-10R-C* | | | #10 | .78 | .32 | .24 | 100 | 1000 | | | | | | |
| PV18-4R-C | 22-18 AWG | Red | .03 | .150 | #4 | .84 | .25 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 | | | |
| PV18-6R-C | | | #6 | .86 | .25 | .22 | 100 | 500 | | | | | | |
| PV18-8R-C | | | #8 | .91 | .31 | .26 | 100 | 500 | | | | | | |
| PV18-10R-C | | | #10 | .94 | .31 | .27 | 100 | 500 | | | | | | |
| PV18-14R-C | | | 1/4" | 1.11 | .46 | .37 | 100 | 500 | | | | | | |
| PV18-56R-C | | | 5/16" | 1.11 | .46 | .39 | 100 | 500 | | | | | | |
| PV18-38R-C | | | 3/8" | 1.19 | .53 | .42 | 100 | 500 | | | | | | |
| PV18-12R-C | | | 1/2" | 1.42 | .72 | .53 | 100 | 500 | | | | | | |
| PV14-4R-C | | | 16-14 AWG | Blue | .03 | .170 | #4 | .84 | | .25 | .19 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV14-6RN-C | | | | | #6 | .84 | .25 | .19 | | 100 | 500 | | | |
| PV14-6R-C | #6 | .92 | | | .31 | .25 | 100 | 500 | | | | | | |
| PV14-8R-C | #8 | .92 | | | .31 | .25 | 100 | 500 | | | | | | |
| PV14-10R-C | #10 | .92 | | | .31 | .25 | 100 | 500 | | | | | | |
| PV14-14R-C | 1/4" | 1.12 | | | .46 | .38 | 100 | 500 | | | | | | |
| PV14-56R-C | 5/16" | 1.12 | | | .46 | .38 | 100 | 500 | | | | | | |
| PV14-38R-L | 3/8" | 1.21 | | | .53 | .43 | 50 | 500 | | | | | | |
| PV14-12R-L | 1/2" | 1.42 | | | .72 | .53 | 50 | 500 | | | | | | |
| PV10-6R-L | 12-10 AWG | Yellow | | | .04 | .225 | #6 | 1.05 | .31 | .31 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | | 50 | 500 |
| PV10-8R-L | | | #8 | 1.05 | .31 | .31 | 50 | 500 | | | | | | |
| PV10-10R-L | | | #10 | 1.05 | .31 | .31 | 50 | 500 | | | | | | |
| PV10-14R-L | | | 1/4" | 1.23 | .52 | .38 | 50 | 500 | | | | | | |
| PV10-56R-L | | | 5/16" | 1.23 | .52 | .38 | 50 | 500 | | | | | | |
| PV10-38R-L | | | 3/8" | 1.31 | .58 | .41 | 50 | 500 | | | | | | |
| PV10-12R-L | | | 1/2" | 1.46 | .72 | .53 | 50 | 500 | | | | | | |

*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

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C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

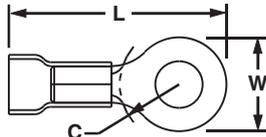
F. Index



Ring Terminal, Vinyl Expanded Insulation

Type PV-RX

- Insulation support
- Brazed seam
- For large wire insulation O.D.



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|------|--------------------------------------|------------------|--------------------------------------|
| | | | | | | L | W | C | | | |
| PV18-4RX-C | 22-18 AWG | Red | .03 | .170 | #4 | .88 | .25 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-6RX-C | | | .03 | .170 | #6 | .89 | .25 | .22 | | 100 | 500 |
| PV18-8RX-C | | | .03 | .170 | #8 | .97 | .31 | .27 | | 100 | 500 |
| PV18-10RX-C | | | .03 | .170 | #10 | .96 | .31 | .27 | | 100 | 500 |
| PV18-14RX-C | | | .03 | .170 | 1/4" | 1.17 | .46 | .40 | | 100 | 500 |
| PV18-56RX-C | | | .03 | .170 | 5/16" | 1.17 | .46 | .40 | | 100 | 500 |
| PV18-38RX-C | | | .03 | .170 | 3/8" | 1.25 | .53 | .45 | | 100 | 500 |
| PV14-4RX-C | | | 16-14 AWG | Blue | .03 | .200 | #4 | .87 | | .25 | .19 |
| PV14-6RX-C | .03 | .200 | | | #6 | .96 | .31 | .25 | 100 | 500 | |
| PV14-8RX-C | .03 | .200 | | | #8 | .96 | .31 | .25 | 100 | 500 | |
| PV14-10RX-C | .03 | .200 | | | #10 | .96 | .31 | .25 | 100 | 500 | |
| PV14-14RX-C | .03 | .200 | | | 1/4" | 1.16 | .46 | .37 | 100 | 500 | |
| PV14-56RX-C | .03 | .200 | | | 5/16" | 1.16 | .46 | .37 | 100 | 500 | |
| PV14-38RX-L | .03 | .200 | | | 3/8" | 1.25 | .53 | .42 | 50 | 500 | |
| PV10-8RX-L | 12-10 AWG | Yellow | | | .04 | .250 | #6 | 1.10 | .31 | .30 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ |
| PV10-6RX-L | | | .04 | .250 | #8 | 1.10 | .31 | .30 | 50 | 500 | |
| PV10-10RX-L | | | .04 | .250 | #10 | 1.10 | .31 | .30 | 50 | 500 | |
| PV10-14RX-L | | | .04 | .250 | 1/4" | 1.29 | .52 | .39 | 50 | 500 | |
| PV10-56RX-L | | | .04 | .250 | 5/16" | 1.29 | .52 | .42 | 50 | 500 | |
| PV10-38RX-L | | | .04 | .250 | 3/8" | 1.39 | .58 | .46 | 50 | 500 | |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

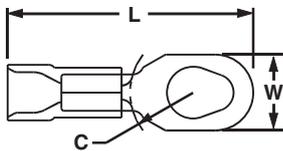


Multiple Stud Terminal, Vinyl Insulated – Funnel Entry

Type PV-610R

- Insulation support
- Brazed seam

- Single terminal for #6, #8 and #10 size studs



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------------|-----------|-------------|-------------------------|-----|-----|-------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV18-610R-C | 22-18 AWG | Red | .03 | .150 | #6, #8, #10 | 1.00 | .31 | .25 | CT-100, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV14-610R-C | 16-14 AWG | Blue | .03 | .170 | | 1.00 | .31 | .25 | | 100 | 500 |
| PV10-610R-L | 12-10 AWG | Yellow | .04 | .225 | | 1.17 | .37 | .31 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

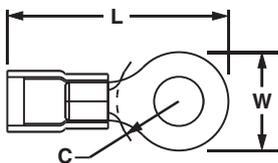


Ring Terminal, KYNAR® Insulated

Type PK-R

- Insulation grip sleeve
- Butted seam with metal sleeve

- For nuclear containment areas and high temperature (to 150°C) applications
- Color code: white with appropriate color stripe



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------------|------------|---------------|-----------------|-----------|-----------|-------------------------|-----|-----|-------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PK18-4R-C | 22-18 AWG | Red Stripe | .03 | .145 | #4 | .81 | .25 | .22 | CT-100, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PK18-6R-C | | | #6 | .81 | .25 | .22 | 100 | 500 | | | |
| PK18-8R-C | | | #8 | .90 | .31 | .29 | 100 | 500 | | | |
| PK18-10R-C | | | #10 | .90 | .31 | .29 | 100 | 500 | | | |
| PK18-14R-C | | | 1/4" | 1.11 | .46 | .40 | 100 | 500 | | | |
| PK14-4R-C | 16-14 AWG | Blue Stripe | .03 | .162 | #4 | .79 | .25 | .22 | CT-100, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PK14-6R-C | | | #6 | .88 | .31 | .29 | 100 | 500 | | | |
| PK14-8R-C | | | #8 | .88 | .31 | .29 | 100 | 500 | | | |
| PK14-10R-C | | | #10 | .88 | .31 | .29 | 100 | 500 | | | |
| PK14-14R-C | | | 1/4" | 1.09 | .46 | .40 | 100 | 500 | | | |
| PK10-6R-L | 12-10 AWG | Yellow Stripe | .04 | .225 | #6 | 1.08 | .37 | .33 | CT-100, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PK10-8R-L | | | #8 | 1.08 | .37 | .33 | 50 | 500 | | | |
| PK10-10R-L | | | #10 | 1.08 | .37 | .33 | 50 | 500 | | | |
| PK10-14R-L | | | 1/4" | 1.23 | .52 | .42 | 50 | 500 | | | |

■ KYNAR is a registered trademark of Atofina Chemicals, Inc..

‡UL approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Heat Shrink, Ring Terminal

B1. Cable Ties

Type PH-R

- Heat shrink polyolefin with hot melt sealant
- Minimum shrink temperature 300°F (150°C)
- Brazed seam
- Adhesive lined heat shrink
- Heat shrink insulated terminals are both air and water tight

B2. Cable Accessories



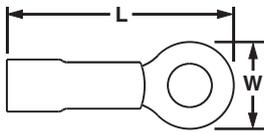
B3. Stainless Steel



C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Range | Color Code | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-----------|-------------------------|-----|------|-------------------------|-------------------------------|----------------|----------------|
| | | | | | L | W | | | | | |
| PH18-6R-Q | 22-18 AWG | Red | .170 | #6 | 1.05 | .25 | 5/16 | CT-310 | 25 | 125 | |
| PH18-8R-Q | | | .170 | #8 | 1.08 | .31 | 5/16 | | 25 | 125 | |
| PH18-10R-Q | | | .170 | #10 | 1.08 | .31 | 5/16 | | 25 | 125 | |
| PH18-14R-Q | | | .170 | 1/4" | 1.30 | .47 | 5/16 | | 25 | 125 | |
| PH14-6R-Q | 16-14 AWG | Blue | .190 | #6 | 1.06 | .31 | 5/16 | CT-310 | 25 | 125 | |
| PH14-8R-Q | | | .190 | #8 | 1.03 | .31 | 5/16 | | 25 | 125 | |
| PH14-10R-Q | | | .190 | #10 | 1.12 | .31 | 5/16 | | 25 | 125 | |
| PH14-14R-Q | | | .190 | 1/4" | 1.24 | .46 | 5/16 | | 25 | 125 | |
| PH14-56R-Q | | | .190 | 5/16" | 1.27 | .46 | 5/16 | | 25 | 125 | |
| PH14-38R-Q | | | .190 | 3/8" | 1.26 | .53 | 5/16 | | 25 | 125 | |
| PH10-8R-E | 12-10 AWG | Yellow | .240 | #8 | 1.22 | .37 | 5/16 | CT-310 | 20 | 100 | |
| PH10-10R-E | | | .240 | #10 | 1.20 | .37 | 5/16 | | 20 | 100 | |
| PH10-14R-E | | | .240 | 1/4" | 1.41 | .52 | 5/16 | | 20 | 100 | |
| PH10-38R-E | | | .240 | 3/8" | 1.45 | .59 | 5/16 | | 20 | 100 | |
| PH10-12R-E | | | .240 | 1/2" | 1.54 | .72 | 5/16 | | 20 | 100 | |

For crimping tool information, see [page D1.72](#).

D1. Terminals



Ring Terminal, Heavy Duty, Nylon Insulated

D2. Power & Grounding Connectors

Type PN-HDR

- Insulation grip sleeve
- Manufactured from stock 56% thicker than a standard #16-14 AWG terminal
- Designed for use in demanding applications such as industrial equipment and electric utilities
- Expanded insulation for large wire insulation O.D.

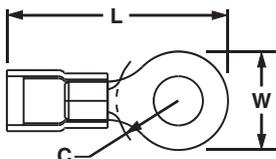
E1. Labeling System



E2. Labels



E3. Pre-Printed & Write-On Markers



E4. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN12-8HDR-L | 16-12 AWG | Yellow | .05 | .225 | #8 | 1.06 | .31 | .35 | CT-1550‡, CT-1551‡ | 50 | 500 |
| PN12-10HDR-L | | | .05 | .225 | #10 | 1.09 | .37 | .33 | | 50 | 500 |
| PN12-14HDR-L | | | .05 | .225 | 1/4" | 1.24 | .52 | .42 | | 50 | 500 |
| PN12-56HDR-L | | | .05 | .225 | 5/16" | 1.24 | .52 | .42 | | 50 | 500 |
| PN12-38HDR-L | | | .05 | .225 | 3/8" | 1.30 | .58 | .46 | | 50 | 500 |

**To order in bulk, replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [page D1.72](#).

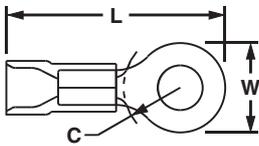


Ring Terminal, Heavy Duty, Vinyl Insulated – Funnel Entry

Type PV-HDR

- Insulation support

- Brazed seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV12-6HDR-L | 16-12 AWG | Yellow | .05 | .225 | #6 | 1.05 | .31 | .35 | CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV12-8HDR-L | | | .05 | .225 | #8 | 1.05 | .31 | .35 | | | |
| PV12-10HDR-L | | | .05 | .225 | #10 | 1.08 | .37 | .33 | | | |
| PV12-14HDR-L | | | .05 | .225 | 1/4" | 1.23 | .52 | .42 | | | |
| PV12-56HDR-L | | | .05 | .225 | 5/16" | 1.23 | .52 | .42 | | | |
| PV12-38HDR-L | | | .05 | .225 | 3/8" | 1.31 | .58 | .46 | | | |

Expanded Insulation*

| | | | | | | | | | | | |
|---------------|-----------|--------|-----|------|-------|------|-----|-----|-----------------------------|----|-----|
| PV12-6HDRX-L | 16-12 AWG | Yellow | .05 | .250 | #6 | 1.05 | .31 | .35 | CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV12-8HDRX-L | | | .05 | .250 | #8 | 1.05 | .31 | .35 | | | |
| PV12-10HDRX-L | | | .05 | .250 | #10 | 1.08 | .37 | .33 | | | |
| PV12-14HDRX-L | | | .05 | .250 | 1/4" | 1.23 | .52 | .42 | | | |
| PV12-56HDRX-L | | | .05 | .250 | 5/16" | 1.23 | .52 | .42 | | | |
| PV12-38HDRX-L | | | .05 | .250 | 3/8" | 1.31 | .58 | .46 | | | |

*Expanded insulation parts do not have funnel entry.

**To order in bulk, replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.72 and D1.74](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Ring Terminal, Large Wire, Vinyl Insulated

B1. Cable Ties

Type PV-R

- Insulation support
- #8 through #2 AWG wire sizes, accommodates heavy duty construction for demanding applications
- Brazed seam

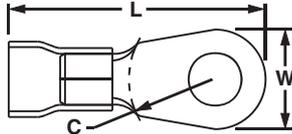
B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV8-8R-Q | 8 AWG | Red | .04 | .280 | #8 | 1.51 | .42 | .43 | CT-720, CD-720PV8-2‡ | 25 | 250 |
| PV8-10R-Q | | | .04 | .280 | #10 | 1.53 | .47 | .43 | | 25 | 250 |
| PV8-14R-Q | | | .04 | .280 | 1/4" | 1.53 | .47 | .43 | | 25 | 250 |
| PV8-56R-Q | | | .04 | .280 | 5/16" | 1.64 | .59 | .49 | | 25 | 250 |
| PV8-38R-Q | | | .04 | .280 | 3/8" | 1.64 | .59 | .51 | | 25 | 250 |
| PV8-12R-Q | | | .04 | .280 | 1/2" | 1.74 | .82 | .54 | | 25 | 250 |
| PV6-8R-E | 6 AWG | Blue | .05 | .340 | #8 | 1.61 | .47 | .43 | CT-720, CD-720PV8-2‡ | 20 | 200 |
| PV6-10R-E | | | .05 | .340 | #10 | 1.62 | .47 | .43 | | 20 | 200 |
| PV6-14R-E | | | .05 | .340 | 1/4" | 1.65 | .47 | .48 | | 20 | 200 |
| PV6-56R-E | | | .05 | .340 | 5/16" | 1.74 | .62 | .53 | | 20 | 200 |
| PV6-38R-E | | | .05 | .340 | 3/8" | 1.74 | .62 | .51 | | 20 | 200 |
| PV6-12R-E | | | .05 | .340 | 1/2" | 1.84 | .82 | .51 | | 20 | 200 |
| PV4-10R-E | 4 AWG | Yellow | .05 | .450 | #10 | 1.88 | .55 | .50 | CT-720, CD-720PV8-2‡ | 20 | 200 |
| PV4-14R-E | | | .05 | .450 | 1/4" | 1.88 | .55 | .50 | | 20 | 200 |
| PV4-56R-E | | | .05 | .450 | 5/16" | 1.95 | .68 | .50 | | 20 | 200 |
| PV4-38R-E | | | .05 | .450 | 3/8" | 1.95 | .68 | .50 | | 20 | 200 |
| PV4-12R-E | | | .05 | .450 | 1/2" | 2.04 | .86 | .50 | 20 | 200 | |
| PV2-10R-X | 2 AWG | Red | .06 | .560 | #10 | 1.96 | .68 | .58 | CT-720, CD-720PV8-2‡ | 10 | 100 |
| PV2-14R-X | | | .06 | .560 | 1/4" | 1.96 | .68 | .58 | | 10 | 100 |
| PV2-56R-X | | | .06 | .560 | 5/16" | 1.96 | .68 | .58 | | 10 | 100 |
| PV2-38R-X | | | .06 | .560 | 3/8" | 1.96 | .68 | .58 | | 10 | 100 |
| PV2-12R-X | | | .06 | .560 | 1/2" | 2.05 | .86 | .58 | | 10 | 100 |

**To order in bulk, replace -Q, -E, or -X in the part number with -T or -TY for a bulk package of 200.
‡UL approved tooling/product combinations. For crimping tool information, see pages D1.74, D1.75, and D2.129.

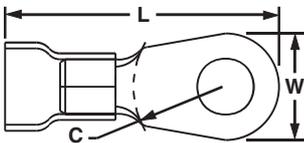


Ring Terminal, Large Wire, Vinyl Expanded Insulation

Type PV-RX

- Insulation support
- Brazed seam

- For large wire insulation O.D.



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|------|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV8-8RX-Q | 8 AWG | Red | .04 | .360 | #8 | 1.50 | .42 | .43 | CT-720, CD-720PV8-2‡ | 25 | 250 |
| PV8-10RX-Q | | | .04 | .360 | #10 | 1.52 | .47 | .43 | | 25 | 250 |
| PV8-14RX-Q | | | .04 | .360 | 1/4" | 1.52 | .47 | .43 | | 25 | 250 |
| PV8-56RX-Q | | | .04 | .360 | 5/16" | 1.62 | .59 | .51 | | 25 | 250 |
| PV8-38RX-Q | | | .04 | .360 | 3/8" | 1.62 | .59 | .51 | | 25 | 250 |
| PV8-12RX-Q | | | .04 | .360 | 1/2" | 1.74 | .82 | .51 | | 25 | 250 |
| PV6-8RX-E | 6 AWG | Blue | .05 | .436 | #8 | 1.61 | .47 | .43 | CT-720, CD-720PV8-2‡ | 20 | 200 |
| PV6-10RX-E | | | .05 | .436 | #10 | 1.61 | .47 | .43 | | 20 | 200 |
| PV6-14RX-E | | | .05 | .436 | 1/4" | 1.61 | .47 | .43 | | 20 | 200 |
| PV6-56RX-E | | | .05 | .436 | 5/16" | 1.73 | .62 | .53 | | 20 | 200 |
| PV6-38RX-E | | | .05 | .436 | 3/8" | 1.73 | .62 | .53 | | 20 | 200 |
| PV6-12RX-E | | | .05 | .436 | 1/2" | 1.83 | .82 | .53 | | 20 | 200 |
| PV4-10RX-E | 4 AWG | Yellow | .05 | .515 | #10 | 1.87 | .55 | .53 | CT-720, CD-720PV8-2‡ | 20 | 200 |
| PV4-14RX-E | | | .05 | .515 | 1/4" | 1.87 | .55 | .53 | | 20 | 200 |
| PV4-56RX-E | | | .05 | .515 | 5/16" | 1.94 | .68 | .53 | | 20 | 200 |
| PV4-38RX-E | | | .05 | .515 | 3/8" | 1.94 | .68 | .53 | | 20 | 200 |
| PV4-12RX-E | | | .05 | .515 | 1/2" | 2.03 | .86 | .53 | | 20 | 200 |
| PV2-10RX-X | | | 2 AWG | Red | .06 | .610 | #10 | 1.94 | | .68 | .58 |
| PV2-14RX-X | .06 | .610 | | | 1/4" | 1.94 | .68 | .58 | 10 | 100 | |
| PV2-56RX-X | .06 | .610 | | | 5/16" | 1.94 | .68 | .58 | 10 | 100 | |
| PV2-38RX-X | .06 | .610 | | | 3/8" | 1.94 | .69 | .58 | 10 | 100 | |
| PV2-12RX-X | .06 | .610 | | | 1/2" | 2.03 | .86 | .58 | 10 | 100 | |

**To order in bulk, replace -Q, -E, or -X in the part number with -T or -TY for a bulk package of 200.

‡UL approved tooling/product combinations. For crimping tool information, see pages D1.74, D1.75, and D2.129.

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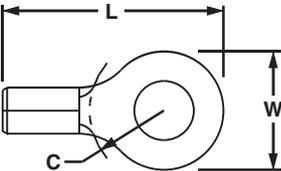


Ring Terminal, Non-Insulated

Type P-R

- Brazed seam

- Beveled wire lead-in



| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. | | |
|-------------------|------------|-----------------|-----------|-------------------------|-----|-----|-------------------------------------|---|-------------------------------------|-----|------|
| | | | | L | W | C | | | | | |
| P22-2R-C* | 26-22 AWG | .02 | #2 | .52 | .20 | .16 | CT-100, CT-200 | 100 | 1000 | | |
| P22-4R-C* | | .02 | #4 | .52 | .20 | .16 | | 100 | 1000 | | |
| P22-6R-C* | | .02 | #6 | .52 | .20 | .16 | | 100 | 1000 | | |
| P22-8R-C* | | .02 | #8 | .63 | .26 | .25 | | 100 | 1000 | | |
| P22-10R-C* | | .02 | #10 | .63 | .31 | .22 | | 100 | 1000 | | |
| P18-4R-C | 22-18 AWG | .03 | #4 | .62 | .25 | .21 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 | | |
| P18-6RN-C | | .03 | #6 | .60 | .22 | .19 | | 100 | 1000 | | |
| P18-6R-C | | .03 | #6 | .62 | .25 | .21 | | 100 | 1000 | | |
| P18-8R-C | | .03 | #8 | .71 | .31 | .25 | | 100 | 1000 | | |
| P18-10R-C | | .03 | #10 | .71 | .31 | .25 | | 100 | 1000 | | |
| P18-14R-C | | .03 | 1/4" | .91 | .46 | .38 | | 100 | 1000 | | |
| P18-56R-C | | .03 | 5/16" | .91 | .46 | .38 | | 100 | 1000 | | |
| P18-38R-C | | .03 | 3/8" | 1.0 | .53 | .43 | | 100 | 1000 | | |
| P18-12R-C | | .03 | 1/2" | 1.20 | .72 | .53 | | 100 | 1000 | | |
| P14-4R-C | | 16-14 AWG | .03 | #4 | .62 | .25 | | .20 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 |
| P14-6R-C | .03 | | #6 | .62 | .25 | .20 | 100 | 1000 | | | |
| P14-8R-C | .03 | | #8 | .71 | .31 | .25 | 100 | 1000 | | | |
| P14-10R-C | .03 | | #10 | .71 | .31 | .25 | 100 | 1000 | | | |
| P14-14R-C | .03 | | 1/4" | .91 | .46 | .38 | 100 | 1000 | | | |
| P14-56R-C | .03 | | 5/16" | .91 | .46 | .38 | 100 | 1000 | | | |
| P14-38R-C | .03 | | 3/8" | 1.0 | .53 | .43 | 100 | 1000 | | | |
| P14-12R-L | .03 | | 1/2" | 1.20 | .72 | .53 | 50 | 500 | | | |
| P10-6R-L | 12-10 AWG | | .04 | #6 | .78 | .31 | .31 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | | 50 | 500 |
| P10-8R-L | | | .04 | #8 | .78 | .31 | .31 | | | 50 | 500 |
| P10-10R-L | | .04 | #10 | .81 | .38 | .31 | 50 | | 500 | | |
| P10-14R-L | | .04 | 1/4" | .96 | .52 | .38 | 50 | | 500 | | |
| P10-56R-L | | .04 | 5/16" | .95 | .52 | .38 | 50 | | 500 | | |
| P10-38R-L | | .04 | 3/8" | 1.05 | .58 | .44 | 50 | | 500 | | |
| P10-12R-L | | .04 | 1/2" | 1.20 | .72 | .53 | 50 | | 500 | | |

*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).



Multiple Stud Terminal, Non-Insulated

Type P-610R

- Brazed seam

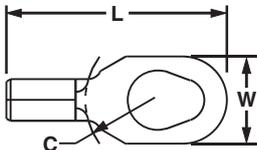
- Single terminal for #6, #8, and #10 size studs



| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|-----------------|-------------|-------------------------|-----|-----|---|------------------|----------------|
| | | | | L | W | C | | | |
| P18-610R-C | 22-18 AWG | .03 | #6, #8, #10 | .80 | .31 | .25 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | 100 | 500 |
| P14-610R-C | 16-14 AWG | .03 | | .80 | .31 | .25 | | 100 | 500 |
| P10-610R-L | 12-10 AWG | .04 | | .90 | .37 | .31 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For tooling information, see pages D1.71, D1.72 and D1.74.



Ring Terminal, Non-Insulated – High Temperature

Type P-RHT

- Nickel plated copper
- Brazed seam

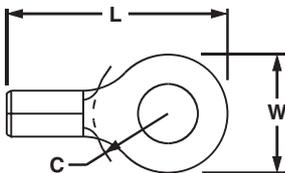
- Beveled wire lead-in
- For temperatures up to 650°F (343°C)



| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|-----------------|-----------|-------------------------|-----|-----|--|------------------|----------------|
| | | | | L | W | C | | | |
| P18-6RHT6-C | 22-18 AWG | .03 | #6 | .62 | .25 | .21 | CT-100, CT-200, CT-600, CT-1570 | 100 | 1000 |
| P18-8RHT6-C | | .03 | #8 | .71 | .31 | .25 | | 100 | 1000 |
| P18-10RHT6-C | | .03 | #10 | .71 | .31 | .25 | | 100 | 1000 |
| P14-6RHT6-C | 16-14 AWG | .03 | #6 | .62 | .25 | .20 | CT-100, CT-200, CT-600, CT-1570 | 100 | 1000 |
| P14-8RHT6-C | | .03 | #8 | .71 | .31 | .25 | | 100 | 1000 |
| P14-10RHT6-C | .03 | #10 | .71 | .31 | .25 | | 100 | 1000 | |
| P10-6RHT6-L | 12-10 AWG | .04 | #6 | .78 | .31 | .35 | CT-100, CT-200, CT-600, CT-1570, CT-1701 | 50 | 500 |
| P10-8RHT6-L | | .04 | #8 | .78 | .31 | .35 | | 50 | 500 |
| P10-10RHT6-L | | .04 | #10 | .81 | .38 | .33 | | 50 | 500 |
| P10-14RHT6-L | | .04 | 1/4" | .96 | .53 | .42 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see pages D1.71, D1.72 and D1.74.



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C4. Cable Management

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Ring Terminal, Heavy Duty Non-Insulated

Type P-HDR

- Brazed seam

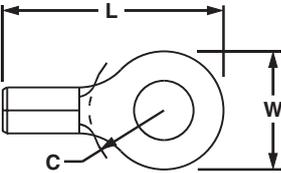
- Beveled wire lead-in



| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|-----------------|-----------|-------------------------|-----|-----|-----------------------------------|------------------|----------------|
| | | | | L | W | C | | | |
| P12-6HDR-L | 16-12 AWG | .05 | #6 | .78 | .31 | .36 | CT-100, CT-200, CT-1570‡, CT-1701 | 50 | 500 |
| P12-8HDR-L | | .05 | #8 | .78 | .31 | .36 | | 50 | 500 |
| P12-10HDR-L | | .05 | #10 | .81 | .37 | .36 | | 50 | 500 |
| P12-14HDR-L | | .05 | 1/4" | .96 | .52 | .43 | | 50 | 500 |
| P12-56HDR-L | | .05 | 5/16" | .96 | .52 | .43 | | 50 | 500 |
| P12-38HDR-L | | .05 | 3/8" | 1.04 | .58 | .48 | | 50 | 500 |

**To order in bulk, replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71 and D1.72.



C3. Abrasion Protection



Ring Terminal, Large Wire Non-Insulated

Type P-R

- Brazed seam

- Beveled wire lead-in

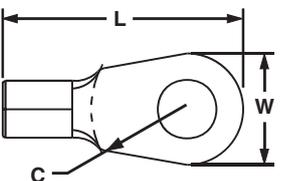


| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|-----------------|-----------|-------------------------|-----|-----|-------------------------------|------------------|----------------|
| | | | | L | W | C | | | |
| P8-8R-Q | 8 AWG | .04 | #8 | 1.12 | .42 | .43 | CT-1701‡ | 25 | 250 |
| P8-10R-Q | | .04 | #10 | 1.14 | .47 | .43 | | 25 | 250 |
| P8-14R-Q | | .04 | 1/4" | 1.14 | .47 | .43 | | 25 | 250 |
| P8-56R-Q | | .04 | 5/16" | 1.25 | .59 | .51 | | 25 | 250 |
| P8-38R-Q | | .04 | 3/8" | 1.25 | .59 | .51 | | 25 | 250 |
| P6-8R-E | 6 AWG | .05 | #8 | 1.21 | .47 | .43 | CT-1701‡ | 20 | 200 |
| P6-10R-E | | .05 | #10 | 1.21 | .47 | .43 | | 20 | 200 |
| P6-14R-E | | .05 | 1/4" | 1.21 | .47 | .43 | | 20 | 200 |
| P6-56R-E | | .05 | 5/16" | 1.33 | .62 | .51 | | 20 | 200 |
| P6-38R-E | | .05 | 3/8" | 1.33 | .62 | .51 | | 20 | 200 |
| P4-10R-E | 4 AWG | .05 | #10 | 1.40 | .55 | .50 | CT-1701‡ | 20 | 200 |
| P4-14R-E | | .05 | 1/4" | 1.40 | .55 | .50 | | 20 | 200 |
| P4-56R-E | | .05 | 5/16" | 1.46 | .68 | .50 | | 20 | 200 |
| P4-38R-E | | .05 | 3/8" | 1.46 | .68 | .50 | | 20 | 200 |
| P4-12R-E | | .05 | 1/2" | 1.55 | .86 | .53 | | 20 | 200 |
| P2-10R-X | 2 AWG | .06 | #10 | 1.46 | .68 | .58 | CT-1701‡ | 10 | 100 |
| P2-14R-X | | .06 | 1/4" | 1.46 | .68 | .58 | | 10 | 100 |
| P2-56R-X | | .06 | 5/16" | 1.46 | .68 | .58 | | 10 | 100 |
| P2-38R-X | | .06 | 3/8" | 1.46 | .68 | .58 | | 10 | 100 |
| P2-12R-X* | | .06 | 1/2" | 1.55 | .86 | .58 | | 10 | 100 |

*Not CSA Certified.

**To order in bulk, replace -Q, -E, or -X in the part number with -T for a bulk package of 200.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.72.



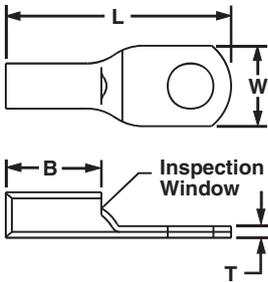


Tubular Ring Terminal, Non-Insulated

Type S-R

- Seamless tubular barrel
- Beveled wire lead-in

- Double thick tongue



| Min. Tensile Strength of Tubular Ring Terminals | | | |
|---|-----|-----|-----|
| #8 | #6 | #4 | #2 |
| 90 | 100 | 140 | 180 |

| Part Number | Wire Range | Stud Hole Size | Tongue Width | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. | | |
|-------------|------------|----------------|--------------|-------------------------|------|-----|---|---|---|-----|-----|
| | | | W | L | B | T | | | | | |
| S8-10R-Q | 8 AWG | #10 | .41 | 1.10 | .40 | .08 | CT-1700, CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-2002, CT-2931, CT-2940 | 25 | 250 | | |
| S8-14R-Q | | 1/4" | .48 | 1.20 | .40 | .07 | | 25 | 250 | | |
| S8-56R-Q | | 5/16" | .60 | 1.30 | .40 | .05 | | 25 | 250 | | |
| S8-38R-Q | | 3/8" | .60 | 1.40 | .40 | .05 | | 25 | 250 | | |
| S6-10R-E | 6 AWG | #10 | .45 | 1.20 | .48 | .09 | | CT-1700, CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-2002, CT-2931, CT-2940 | 20 | 200 | |
| S6-14R-E | | 1/4" | .48 | 1.30 | .48 | .08 | | | 20 | 200 | |
| S6-56R-E | | 5/16" | .56 | 1.40 | .48 | .07 | | | 20 | 200 | |
| S6-38R-E | | 3/8" | .62 | 1.50 | .48 | .06 | | | 20 | 200 | |
| S4-10R-E | 4 AWG | #10 | .55 | 1.20 | .48 | .09 | | | CT-1700, CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-2002, CT-2931, CT-2940 | 20 | 200 |
| S4-14R-E | | 1/4" | .55 | 1.30 | .48 | .09 | | | | 20 | 200 |
| S4-56R-E | | 5/16" | .55 | 1.40 | .48 | .09 | | | | 20 | 200 |
| S4-38R-E | | 3/8" | .62 | 1.50 | .48 | .07 | | | | 20 | 200 |
| S2-10R-X | 1-2 AWG | #10 | .70 | 1.60 | .59 | .11 | CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940 | | | 10 | 100 |
| S2-14R-X | | 1/4" | .70 | 1.60 | .59 | .11 | | | | 10 | 100 |
| S2-56R-X | | 5/16" | .70 | 1.70 | .59 | .11 | | | | 10 | 100 |
| S2-38R-X | | 3/8" | .70 | 1.70 | .59 | .11 | | | | 10 | 100 |
| S2-12R-X | | 1/2" | .79 | 1.90 | .59 | .09 | | 10 | | 100 | |
| S1/0-14R-X | 1/0 AWG | 1/4" | .76 | 1.60 | .58 | .12 | | CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940 | | 10 | 100 |
| S1/0-56R-X | | 5/16" | .76 | 1.70 | .58 | .12 | | | | 10 | 100 |
| S1/0-38R-X | | 3/8" | .76 | 1.70 | .58 | .12 | | | | 10 | 100 |
| S1/0-12R-X | | 1/2" | .82 | 1.90 | .58 | .12 | | | 10 | 100 | |
| S2/0-14R-X | 2/0 AWG | 1/4" | .85 | 1.90 | .66 | .13 | | | CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940 | 10 | 100 |
| S2/0-56R-X | | 5/16" | .85 | 1.90 | .66 | .13 | | | | 10 | 100 |
| S2/0-38R-X | | 3/8" | .85 | 1.90 | .66 | .13 | | | | 10 | 100 |
| S2/0-76R-X | | 7/16" | .85 | 2.10 | .66 | .13 | 10 | | | 100 | |
| S2/0-12R-X | | 1/2" | .85 | 2.10 | .66 | .13 | 10 | | | 100 | |
| S3/0-14R-5 | 3/0 AWG | 1/4" | .96 | 2.10 | .83 | .13 | CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940 | | | 5 | 50 |
| S3/0-56R-5 | | 5/16" | .96 | 2.10 | .83 | .13 | | | | 5 | 50 |
| S3/0-38R-5 | | 3/8" | .96 | 2.10 | .83 | .13 | | | | 5 | 50 |
| S3/0-76R-5 | | 7/16" | .96 | 2.30 | .83 | .13 | | 5 | | 50 | |
| S3/0-12R-5 | | 1/2" | .96 | 2.30 | .83 | .13 | | 5 | | 50 | |
| S4/0-56R-5 | 4/0 AWG | 5/16" | 1.06 | 2.30 | .91 | .14 | | CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940 | | 5 | 50 |
| S4/0-38R-5 | | 3/8" | 1.06 | 2.30 | .91 | .14 | | | | 5 | 50 |
| S4/0-76R-5 | | 7/16" | 1.06 | 2.50 | .91 | .14 | | | 5 | 50 | |
| S4/0-12R-5 | | 1/2" | 1.06 | 2.50 | .91 | .14 | | | 5 | 50 | |
| S250-56R-5 | 250 kcmil | 5/16" | 1.17 | 2.50 | 1.01 | .14 | | | CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940 | 5 | 50 |
| S250-38R-5 | | 3/8" | 1.17 | 2.50 | 1.01 | .14 | | | | 5 | 50 |
| S250-76R-5 | | 7/16" | 1.17 | 2.60 | 1.01 | .14 | | | | 5 | 50 |
| S250-12R-5 | | 1/2" | 1.17 | 2.60 | 1.01 | .14 | 5 | | | 50 | |

**To order in bulk, replace -Q, -E, or -X in the part number with -T for a bulk package of 200 and replace -5 with -C for a bulk package of 100.

For crimping tool information, see [pages D1.72, D1.74, D2.129, D2.131](#) through [D2.138](#).

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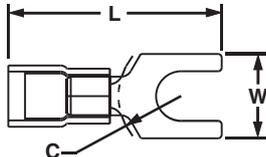
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Fork Terminal, Nylon Insulated

Type PN-F

- Insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|---------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN22-2F-C* | 26-22 AWG | Yellow | .02 | .090 | #2 | .66 | .20 | .19 | CT-100, CT-600, CT-1525 | 100 | 1000 |
| PN22-4F-C* | | | .02 | .090 | #4 | .67 | .20 | .21 | | 100 | 1000 |
| PN22-6F-C* | | | .02 | .090 | #6 | .77 | .25 | .26 | | 100 | 1000 |
| PN18-6FN-C* | 22-18 AWG | Red | .03 | .145 | #6 | .78 | .24 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN18-6F-C | | | .03 | .145 | #6 | .78 | .30 | .20 | | 100 | 500 |
| PN18-8F-C | | | .03 | .145 | #8 | .85 | .32 | .23 | | 100 | 500 |
| PN18-10FN-C* | | | .03 | .145 | #10 | .86 | .31 | .25 | | 100 | 500 |
| PN18-10F-C | | | .03 | .145 | #10 | .86 | .35 | .25 | | 100 | 500 |
| PN18-14F-C | | | .03 | .145 | 1/4" | 1.03 | .44 | .33 | | 100 | 500 |
| PN14-6FN-C* | 16-14 AWG | Blue | .03 | .162 | #6 | .79 | .24 | .19 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN14-6F-C | | | .03 | .162 | #6 | .79 | .28 | .19 | | 100 | 500 |
| PN14-8F-C | | | .03 | .162 | #8 | .85 | .31 | .23 | | 100 | 500 |
| PN14-10FN-C* | | | .03 | .162 | #10 | .87 | .31 | .24 | | 100 | 500 |
| PN14-10F-C | | | .03 | .162 | #10 | .87 | .34 | .24 | | 100 | 500 |
| PN14-14F-C | | | .03 | .162 | 1/4" | 1.02 | .44 | .32 | | 100 | 500 |
| PN10-6F-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.00 | .31 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PN10-8F-L | | | .04 | .225 | #8 | 1.03 | .37 | .22 | | 50 | 500 |
| PN10-10F-L | | | .04 | .225 | #10 | 1.04 | .37 | .22 | | 50 | 500 |
| PN10-14F-L | | | .04 | .225 | 1/4" | 1.14 | .49 | .30 | | 50 | 500 |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

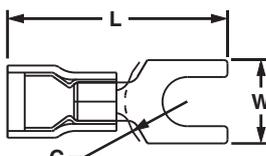
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.



Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-F

- Insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PNF18-6F-C | 22-18 AWG | Red | .03 | .145 | #6 | .80 | .30 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PNF18-8F-C | | | .03 | .145 | #8 | .86 | .31 | .25 | | 100 | 500 |
| PNF18-10F-C | | | .03 | .145 | #10 | .87 | .34 | .26 | | 100 | 500 |
| PNF18-14F-C | | | .03 | .145 | 1/4" | 1.05 | .44 | .32 | | 100 | 500 |
| PNF14-6F-C | 16-14 AWG | Blue | .03 | .162 | #6 | .80 | .28 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PNF14-8F-C | | | .03 | .162 | #8 | .85 | .31 | .25 | | 100 | 500 |
| PNF14-10F-C | | | .03 | .162 | #10 | .87 | .34 | .26 | | 100 | 500 |
| PNF14-14F-C | .03 | .162 | 1/4" | 1.05 | .44 | .35 | 100 | 500 | | | |
| PNF10-6F-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.01 | .31 | .24 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PNF10-8F-L | | | .04 | .225 | #8 | 1.02 | .37 | .24 | | 50 | 500 |
| PNF10-10F-L | | | .04 | .225 | #10 | 1.04 | .37 | .24 | | 50 | 500 |
| PNF10-14F-L | | | .04 | .225 | 1/4" | 1.15 | .50 | .31 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

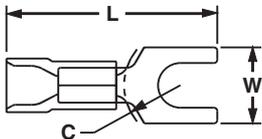
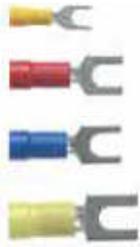


Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-F

- Insulation support

- Brazed seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV22-2F-C* | 26-22 AWG | Yellow | .02 | .110 | #2 | .61 | .20 | .19 | CT-100, CT-600, CT-1525 | 100 | 1000 |
| PV22-4F-C* | | | .02 | .110 | #4 | .67 | .20 | .21 | | | |
| PV22-6F-C* | | | .02 | .110 | #6 | .76 | .25 | .26 | | | |
| PV18-6FN-C* | 22-18 AWG | Red | .03 | .150 | #6 | .85 | .24 | .21 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-6F-C | | | .03 | .150 | #6 | .86 | .30 | .21 | | | |
| PV18-8F-C | | | .03 | .150 | #8 | .93 | .32 | .25 | | | |
| PV18-10FN-C* | 22-18 AWG | Red | .03 | .150 | #10 | .93 | .31 | .25 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-10F-C | | | .03 | .150 | #10 | .93 | .35 | .25 | | | |
| PV14-6FN-C* | | | 16-14 AWG | Blue | .03 | .170 | #6 | .84 | | | |
| PV14-6F-C | .03 | .170 | | | #6 | .84 | .28 | .19 | | | |
| PV14-8F-C | .03 | .170 | | | #8 | .90 | .31 | .23 | | | |
| PV14-10FN-C* | .03 | .170 | | | #10 | .92 | .31 | .24 | | | |
| PV14-10F-C | .03 | .170 | | | #10 | .92 | .34 | .24 | | | |
| PV14-14F-C | .03 | .170 | | | 1/4" | 1.09 | .44 | .32 | | | |
| PV10-6F-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.01 | .31 | .25 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV10-8F-L | | | .04 | .225 | #8 | 1.04 | .37 | .25 | | | |
| PV10-10F-L | | | .04 | .225 | #10 | 1.04 | .37 | .25 | | | |
| PV10-14F-L | | | .04 | .225 | 1/4" | 1.14 | .49 | .32 | | | |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

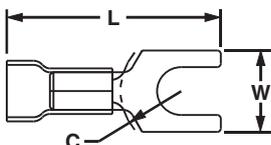
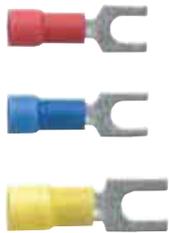


Fork Terminal, Vinyl Insulated – Expanded Insulation

Type PV-FX

- For large wire insulation O.D.
- Insulation support

- Brazed seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV18-6FX-C | 22-18 AWG | Red | .03 | .170 | #6 | .83 | .30 | .21 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-8FX-C | | | .03 | .170 | #8 | .89 | .32 | .25 | | | |
| PV18-10FX-C | | | .03 | .170 | #10 | .91 | .35 | .25 | | | |
| PV14-6FX-C | 16-14 AWG | Blue | .03 | .200 | #6 | .89 | .28 | .16 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV14-8FX-C | | | .03 | .200 | #8 | .96 | .31 | .20 | | | |
| PV14-10FX-C | | | .03 | .200 | #10 | .97 | .34 | .22 | | | |
| PV10-8FX-L | 12-10 AWG | Yellow | .04 | .250 | #8 | 1.11 | .37 | .24 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV10-10FX-L | | | .04 | .250 | #10 | 1.11 | .37 | .24 | | | |
| PV10-14FX-L | | | .04 | .250 | 1/4" | 1.22 | .50 | .32 | | | |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

UL LISTED **CSA CERTIFIED** **Locking Fork Terminal, Nylon Insulated**

B1. Cable Ties

Type PN-LF

- Insulation grip sleeve

B2. Cable Accessories



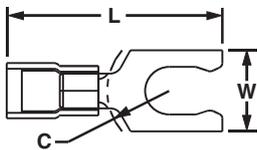
B3. Stainless Steel



C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN18-6LF-C | 22-18 AWG | Red | .03 | .145 | #6 | .82 | .27 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN18-6LFW-C | | | .03 | .145 | #6 | .85 | .29 | .22 | | | |
| PN18-8LF-C | | | .03 | .145 | #8 | .89 | .29 | .25 | | | |
| PN18-10LF-C | | | .03 | .145 | #10 | .89 | .33 | .25 | | | |
| PN18-10LFN-C* | | | .03 | .145 | #10 | .91 | .29 | .25 | | | |
| PN14-6LF-C | 16-14 AWG | Blue | .03 | .162 | #6 | .86 | .25 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN14-6LFW-C | | | .03 | .162 | #6 | .84 | .29 | .22 | | | |
| PN14-8LF-C | | | .03 | .162 | #8 | .92 | .29 | .25 | | | |
| PN14-10LF-C | | | .03 | .162 | #10 | .91 | .33 | .25 | | | |
| PN14-10LFN-C* | | | .03 | .162 | #10 | .91 | .28 | .25 | | | |
| PN10-6LF-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.02 | .30 | .23 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PN10-8LF-L | | | .04 | .225 | #8 | 1.05 | .30 | .23 | | | |
| PN10-10LF-L | | | .04 | .225 | #10 | 1.05 | .34 | .23 | | | |
| PN10-14LF-L | | | .04 | .225 | 1/4" | 1.17 | .46 | .32 | | | |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

D1. Terminals

UL LISTED **CSA CERTIFIED** **Locking Fork Terminal, Nylon Insulated – Funnel Entry**

Type PNF-LF

- Insulation grip sleeve

D2. Power & Grounding Connectors



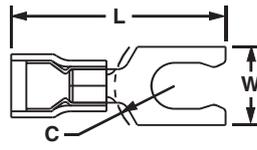
E1. Labeling System



E2. Labels



E3. Pre-Printed & Write-On Markers



E4. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PNF18-6LF-C | 22-18 AWG | Red | .03 | .145 | #6 | .82 | .27 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PNF18-6LFW-C | | | .03 | .145 | #6 | .85 | .29 | .20 | | | |
| PNF18-8LF-C | | | .03 | .145 | #8 | .89 | .29 | .26 | | | |
| PNF18-10LF-C | | | .03 | .145 | #10 | .89 | .33 | .25 | | | |
| PNF18-10LFN-C* | | | .03 | .145 | #10 | .91 | .29 | .25 | | | |
| PNF14-6LF-C | 16-14 AWG | Blue | .03 | .162 | #6 | .87 | .25 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PNF14-6LFW-C | | | .03 | .162 | #6 | .84 | .29 | .20 | | | |
| PNF14-8LF-C | | | .03 | .162 | #8 | .93 | .29 | .25 | | | |
| PNF14-10LF-C | | | .03 | .162 | #10 | .93 | .33 | .25 | | | |
| PNF14-10LFN-C* | | | .03 | .162 | #10 | .93 | .33 | .25 | | | |
| PNF10-6LF-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.02 | .30 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PNF10-8LF-L | | | .04 | .225 | #8 | 1.05 | .30 | .20 | | | |
| PNF10-10LF-L | | | .04 | .225 | #10 | 1.05 | .34 | .22 | | | |
| PNF10-14LF-L | | | .04 | .225 | 1/4" | 1.19 | .46 | .33 | | | |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

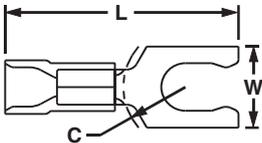


Locking Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-LF

- Insulation support

- Brazed seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV18-6LF-C | 22-18 AWG | Red | .03 | .150 | #6 | .90 | .27 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-6LFW-C | | | .03 | .150 | #6 | .90 | .29 | .22 | | 100 | 500 |
| PV18-8LF-C | | | .03 | .150 | #8 | .97 | .29 | .25 | | 100 | 500 |
| PV18-10LF-C | | | .03 | .150 | #10 | .97 | .33 | .25 | | 100 | 500 |
| PV18-10LFN-C* | | | .03 | .150 | #10 | .97 | .29 | .25 | | 100 | 500 |
| PV14-6LF-C | 16-14 AWG | Blue | .03 | .170 | #6 | .90 | .25 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV14-6LFW-C | | | .03 | .170 | #6 | .90 | .29 | .22 | | 100 | 500 |
| PV14-8LF-C | | | .03 | .170 | #8 | .97 | .29 | .25 | | 100 | 500 |
| PV14-10LF-C | | | .03 | .170 | #10 | .97 | .33 | .25 | | 100 | 500 |
| PV14-10LFN-C* | | | .03 | .170 | #10 | .97 | .29 | .25 | | 100 | 500 |
| PV10-6LF-L | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.03 | .30 | .23 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV10-8LF-L | | | .04 | .225 | #8 | 1.05 | .30 | .23 | | 50 | 500 |
| PV10-10LF-L | | | .04 | .225 | #10 | 1.04 | .34 | .23 | | 50 | 500 |
| PV10-14LF-L | | | .04 | .225 | 1/4" | 1.19 | .46 | .36 | | 50 | 500 |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

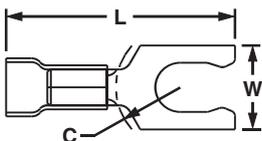
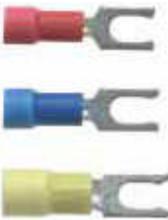


Locking Fork Terminal, Vinyl Insulated – Expanded Insulation

Type PV-LFX

- Insulation support
- For large wire insulation O.D.

- Brazed seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|---------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV18-6LFX-C | 22-18 AWG | Red | .03 | .170 | #6 | .95 | .27 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-8LFX-C | | | .03 | .170 | #8 | 1.01 | .29 | .20 | | 100 | 500 |
| PV18-10LFX-C | | | .03 | .170 | #10 | 1.04 | .33 | .20 | | 100 | 500 |
| PV14-6LFX-C | 16-14 AWG | Blue | .03 | .200 | #6 | .95 | .25 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV14-8LFX-C | | | .03 | .200 | #8 | 1.01 | .29 | .23 | | 100 | 500 |
| PV14-10LFX-C | | | .03 | .200 | #10 | 1.01 | .33 | .23 | | 100 | 500 |
| PV10-6LFX-L | 12-10 AWG | Yellow | .04 | .250 | #6 | 1.09 | .30 | .23 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV10-8LFX-L | | | .04 | .250 | #8 | 1.12 | .30 | .23 | | 50 | 500 |
| PV10-10LFX-L | | | .04 | .250 | #10 | 1.12 | .34 | .23 | | 50 | 500 |
| PV10-14LFX-L | | | .04 | .250 | 1/4" | 1.25 | .46 | .35 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Short Locking Fork Terminal, Nylon Insulated

B1. Cable Ties

Type PN-SLF

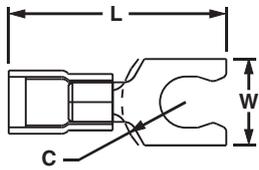
- Insulation grip sleeve

B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



Short Locking Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-SLF

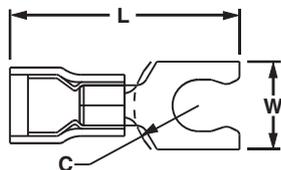
- Insulation grip sleeve

D1. Terminals



D2. Power & Grounding Connectors

E1. Labeling System



E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN18-5SLF-C | 22-18 AWG | Red | .03 | .145 | #5 | .75 | .26 | .19 | CT-1550, CT-1551 | 100 | 500 |
| PN18-6SLF-C | | | .03 | .145 | #6 | .75 | .27 | .19 | | | |
| PN18-8SLF-C | | | .03 | .145 | #8 | .80 | .29 | .23 | | | |
| PN18-10SLF-C | | | .03 | .145 | #10 | .81 | .33 | .23 | | | |
| PN14-5SLF-C | 16-14 AWG | Blue | .03 | .162 | #5 | .75 | .25 | .19 | CT-1550, CT-1551 | 100 | 500 |
| PN14-6SLF-C | | | .03 | .162 | #6 | .75 | .25 | .19 | | | |
| PN14-8SLF-C | | | .03 | .162 | #8 | .80 | .29 | .23 | | | |
| PN14-10SLF-C | | | .03 | .162 | #10 | .81 | .33 | .23 | | | |
| PN14-14SLF-C | | | .03 | .162 | 1/4" | .90 | .44 | .28 | | 100 | 500 |
| PN10-5SLF-L | 12-10 AWG | Yellow | .04 | .225 | #5 | .86 | .25 | .22 | CT-1550, CT-1551 | 50 | 500 |
| PN10-6SLF-L | | | .04 | .225 | #6 | .86 | .25 | .22 | | | |
| PN10-8SLF-L | | | .04 | .225 | #8 | .92 | .29 | .26 | | | |
| PN10-10SLF-L | | | .04 | .225 | #10 | .92 | .33 | .26 | | | |
| PN10-14SLF-L | | | .04 | .225 | 1/4" | 1.01 | .45 | .33 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see [page D1.72](#).

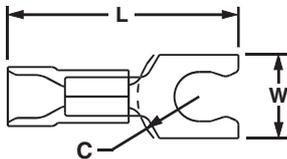


Short Locking Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-SLF

- Insulation support

- Butted seam



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|---------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV18-5SLF-C* | 22-18 AWG | Red | .03 | .150 | #5 | .82 | .26 | .19 | CT-1550, CT-1551 | 100 | 1000 |
| PV18-6SLF-C* | | | .03 | .150 | #6 | .82 | .27 | .19 | | 100 | 1000 |
| PV18-8SLF-C* | | | .03 | .150 | #8 | .87 | .29 | .23 | | 100 | 1000 |
| PV18-10SLF-C* | 16-14 AWG | Blue | .03 | .150 | #10 | .88 | .33 | .23 | CT-1550, CT-1551 | 100 | 1000 |
| PV14-5SLF-C* | | | .03 | .175 | #5 | .80 | .25 | .22 | | 100 | 1000 |
| PV14-6SLF-C* | | | .03 | .175 | #6 | .80 | .25 | .22 | | 100 | 1000 |
| PV14-8SLF-C* | | | .03 | .175 | #8 | .85 | .29 | .26 | | 100 | 1000 |
| PV14-14SLF-C* | 12-10 AWG | Yellow | .03 | .175 | #10 | .86 | .33 | .26 | CT-1550, CT-1551 | 100 | 1000 |
| PV10-5SLF-L | | | .04 | .225 | #5 | .86 | .25 | .22 | | 50 | 500 |
| PV10-6SLF-L | | | .04 | .225 | #6 | .87 | .25 | .22 | | 50 | 500 |
| PV10-8SLF-L | | | .04 | .225 | #8 | .92 | .29 | .26 | | 50 | 500 |
| PV10-10SLF-L | | | .04 | .225 | #10 | .92 | .33 | .26 | | 50 | 500 |
| PV10-14SLF-L | | | .04 | .225 | 1/4" | 1.02 | .45 | .33 | 50 | 500 | |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [page D1.72](#).

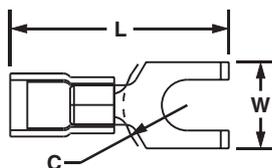


Flanged Fork Terminal, Nylon Insulated

Type PN-FF

- Insulation grip sleeve

- For use in vibration applications



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|---|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN18-6FF-C | 22-18 AWG | Red | .03 | .136 | #6 | .81 | .28 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN18-8FF-C | | | .03 | .136 | #8 | .88 | .31 | .23 | | 100 | 500 |
| PN18-10FF-C | | | .03 | .136 | #10 | .86 | .35 | .23 | | 100 | 500 |
| PN14-6FF-C | 16-14 AWG | Blue | .03 | .162 | #6 | .79 | .28 | .20 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PN14-8FF-C | | | .03 | .162 | #8 | .86 | .31 | .23 | | 100 | 500 |
| PN14-10FF-C | | | .03 | .162 | #10 | .86 | .36 | .23 | | 100 | 500 |
| PN10-8FF-L | 12-10 AWG | Yellow | .04 | .225 | #8 | 1.05 | .37 | .28 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PN10-10FF-L | | | .04 | .225 | #10 | 1.05 | .37 | .28 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Flanged Fork Terminal, Vinyl Insulated – Funnel Entry

B1. Cable Ties

Type PV-FF

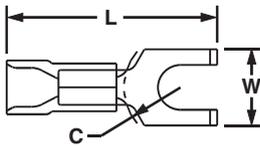
- Insulation support
- Brazed seam

B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



Fork Terminal, Non-Insulated

Type P-F

- Brazed seam
- Beveled wire lead-in

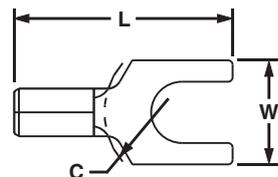
D1. Terminals



D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels



E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|--------------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PV18-6FF-C | 22-18 AWG | Red | .03 | .150 | #6 | .87 | .28 | .19 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV18-8FF-C | | | .03 | .150 | #8 | .94 | .31 | .23 | | | |
| PV18-10FF-C | | | .03 | .150 | #10 | .93 | .35 | .23 | | | |
| PV14-6FF-C | 16-14 AWG | Blue | .03 | .165 | #6 | .88 | .28 | .19 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 100 | 500 |
| PV14-8FF-C | | | .03 | .165 | #8 | .94 | .31 | .23 | | | |
| PV14-10FF-C | | | .03 | .165 | #10 | .94 | .35 | .23 | | | |
| PV10-8FF-L | 12-10 AWG | Yellow | .04 | .225 | #8 | 1.03 | .37 | .22 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| PV10-10FF-L | | | .04 | .225 | #10 | 1.03 | .37 | .22 | | | |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|-----------------|-----------|-------------------------|-----|-----|---|------------------|----------------|
| | | | | L | W | C | | | |
| P22-2F-C* | 26-22 AWG | .02 | #2 | .49 | .19 | .19 | CT-100, CT-200 | 100 | 1000 |
| P22-4F-C* | | .02 | #4 | .49 | .19 | .20 | | | |
| P22-6F-C* | | .02 | #6 | .59 | .25 | .26 | | | |
| P18-6FN-C* | 22-18 AWG | .03 | #6 | .63 | .24 | .19 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 |
| P18-6F-C | | .03 | #6 | .63 | .30 | .21 | | | |
| P18-8F-C | | .03 | #8 | .69 | .32 | .25 | | | |
| P18-10FN-C* | | .03 | #10 | .71 | .31 | .25 | | | |
| P18-10F-C | | .03 | #10 | .71 | .35 | .25 | | | |
| P18-14F-C | | .03 | 1/4" | .88 | .44 | .33 | | | |
| P14-6FN-C* | | 16-14 AWG | .03 | #6 | .63 | .24 | | | |
| P14-6F-C | .03 | | #6 | .63 | .28 | .20 | | | |
| P14-8F-C | .03 | | #8 | .69 | .31 | .23 | | | |
| P14-10FN-C* | .03 | | #10 | .71 | .31 | .25 | | | |
| P14-10F-C | .03 | | #10 | .71 | .34 | .25 | | | |
| P14-14F-C | .03 | 1/4" | .88 | .44 | .33 | | | | |
| P10-6F-L | 12-10 AWG | .04 | #6 | .75 | .31 | .22 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | 50 | 500 |
| P10-8F-L | | .04 | #8 | .78 | .37 | .22 | | | |
| P10-10F-L | | .04 | #10 | .78 | .37 | .23 | | | |
| P10-14F-L | | .04 | 1/4" | .89 | .50 | .30 | | | |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

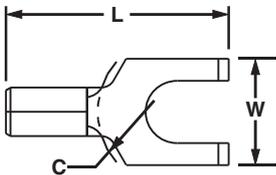


Flanged Fork Terminal, Non-Insulated

Type P-FF

- Brazed seam

- Beveled wire lead-in



| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|-----------------|-----------|-------------------------|-----|-----|---|------------------|----------------|
| | | | | L | W | C | | | |
| P18-8FF-C | 22-18 AWG | .03 | #8 | .72 | .31 | .25 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 500 |
| P14-6FF-C | 16-14 AWG | .03 | #6 | .65 | .28 | .22 | | 100 | 500 |
| P14-8FF-C | | .03 | #8 | .72 | .31 | .25 | 100 | 500 | |
| P10-10FF-L | 12-10 AWG | .04 | #10 | .80 | .38 | .28 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

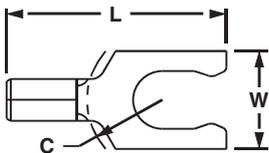


Locking Fork Terminal, Non-Insulated

Type P-LF

- Brazed seam

- Beveled wire lead-in



| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|-----------------|-----------|-------------------------|-----|-----|---|------------------|----------------|
| | | | | L | W | C | | | |
| P18-6LF-C | 22-18 AWG | .03 | #6 | .68 | .27 | .22 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 500 |
| P18-6LFW-C | | .03 | #6 | .70 | .29 | .22 | | 100 | 500 |
| P18-8LF-C | | .03 | #8 | .74 | .29 | .23 | | 100 | 500 |
| P18-10LFN-C* | | .03 | #10 | .74 | .28 | .23 | | 100 | 500 |
| P18-10LF-C | | .03 | #10 | .74 | .33 | .23 | | 100 | 500 |
| P14-6LF-C | 16-14 AWG | .03 | #6 | .70 | .25 | .22 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 500 |
| P14-6LFW-C | | .03 | #6 | .70 | .29 | .22 | | 100 | 500 |
| P14-8LF-C | | .03 | #8 | .77 | .29 | .27 | | 100 | 500 |
| P14-10LFN-C* | | .03 | #10 | .77 | .29 | .27 | | 100 | 500 |
| P14-10LF-C | .03 | #10 | .77 | .33 | .27 | 100 | 500 | | |
| P10-6LF-L | 12-10 AWG | .04 | #6 | .77 | .30 | .23 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | 50 | 500 |
| P10-8LF-L | | .04 | #8 | .79 | .30 | .23 | | 50 | 500 |
| P10-10LF-L | | .04 | #10 | .79 | .34 | .23 | | 50 | 500 |
| P10-14LF-L | | .04 | 1/4" | .92 | .46 | .33 | | 50 | 500 |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

UL LISTED **SF CERTIFIED** **Short Locking Fork Terminal, Non-Insulated**

B1. Cable Ties

Type P-SLF

- Butted seam
- Beveled wire lead-in

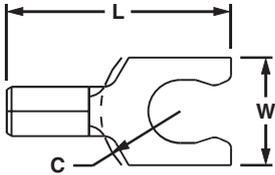
B2. Cable Accessories



B3. Stainless Steel



C1. Wiring Duct



C2. Surface Raceway

| Part Number | Wire Range | Stock Thickness | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|-----------------|-----------|-------------------------|-----|-----|---|------------------|----------------|
| | | | | L | W | C | | | |
| P18-6SLF-C | 22-18 AWG | .03 | #6 | .51 | .27 | .22 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 |
| P18-8SLF-C | | .03 | #8 | .56 | .29 | .25 | | 100 | 1000 |
| P18-10SLF-C | | .03 | #10 | .57 | .33 | .25 | | 100 | 1000 |
| P14-6SLF-C | 16-14 AWG | .03 | #6 | .51 | .25 | .22 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 |
| P14-8SLF-C | | .03 | #8 | .56 | .29 | .25 | | 100 | 1000 |
| P14-10SLF-C | | .03 | #10 | .57 | .33 | .25 | | 100 | 1000 |
| P14-14SLF-C | | .03 | 1/4" | .66 | .44 | .35 | | 100 | 1000 |
| P10-5SLF-L | 12-10 AWG | .04 | #5 | .60 | .25 | .19 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | 50 | 500 |
| P10-8SLF-L | | .04 | #8 | .66 | .29 | .23 | | 50 | 500 |
| P10-10SLF-L | | .04 | #10 | .67 | .33 | .23 | | 50 | 500 |
| P10-14SLF-L | | .04 | 1/4" | .76 | .45 | .28 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
 ‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).

C3. Abrasion Protection

C4. Cable Management

UL LISTED **SF CERTIFIED** **Heat Shrink, Fork Terminal**

Type PH-F

- Heat shrink polyolefin with hot melt sealant
- Minimum shrink temperature 300°F (150°C)
- Brazed seam
- Adhesive lined heat shrink
- Heat shrink insulated terminals are both air and water tight

D1. Terminals



D2. Power & Grounding Connectors

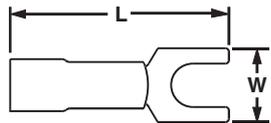
E1. Labeling System



E2. Labels



E3. Pre-Printed & Write-On Markers



E4. Lockout/Tagout & Safety Solutions

F. Index

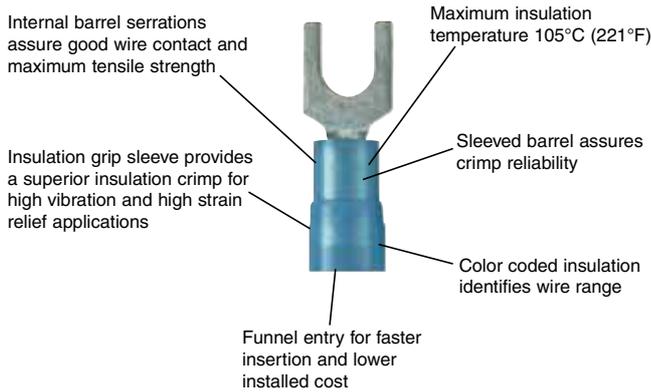
| Part Number | Wire Range | Color Code | Max. Ins. | Stud Size | Figure Dimensions (In.) | | Wire Strip Length | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------------|------------|------------|-----------|-----------|-------------------------|-----|-------------------|-------------------------------|----------------|----------------|
| | | | | | L | W | | | | |
| PH18-6F-Q | 22-18 AWG | Red | .170 | #6 | 1.04 | .32 | 5/16 | CT-310 | 25 | 125 |
| PH18-8F-Q | | | .170 | #8 | 1.04 | .32 | 5/16 | | 25 | 125 |
| PH18-10F-Q | | | .170 | #10 | 1.04 | .32 | 5/16 | | 25 | 125 |
| PH14-6F-Q | 16-14 AWG | Blue | .190 | #6 | 1.07 | .38 | 5/16 | CT-310 | 25 | 125 |
| PH14-8F-Q | | | .190 | #8 | 1.07 | .38 | 5/16 | | 25 | 125 |
| PH14-10F-Q | | | .190 | #10 | 1.07 | .38 | 5/16 | | 25 | 125 |
| PH10-8F-E | 12-10 AWG | Yellow | .240 | #8 | 1.20 | .38 | 5/16 | CT-310 | 20 | 100 |
| PH10-10F-E | | | .240 | #10 | 1.20 | .38 | 5/16 | | 20 | 100 |

For crimping tool information, see [page D1.72](#).

Features and Benefits – PAN-TERM® Metric Terminals

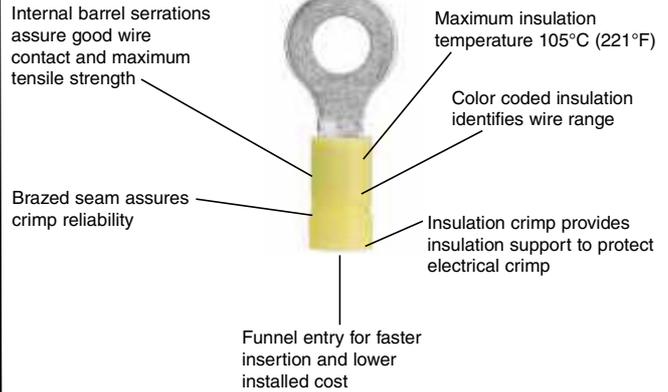
All PANDUIT Terminals feature high quality materials made with electrolytic copper for high conductivity and are tin plated for corrosion resistance.

Nylon Insulated Terminals With Insulation Grip Sleeve Type PMN or PMNF



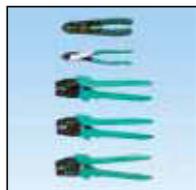
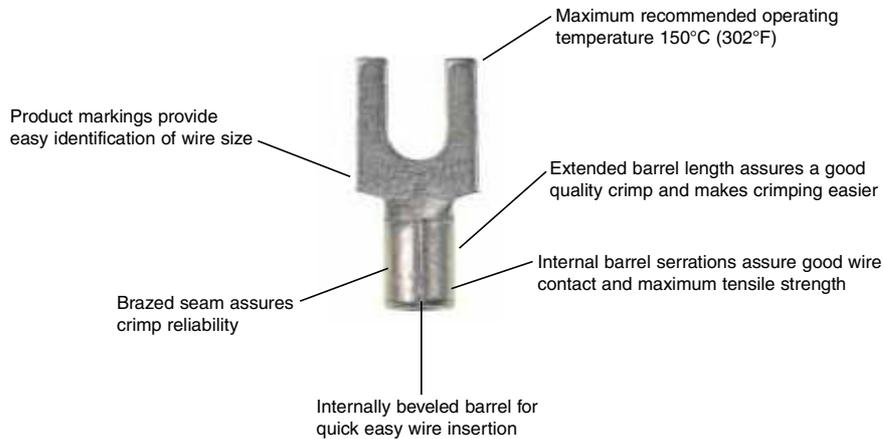
Flammability – UL94V-21HB.
Proprietary blend of UL94V-2 and UL94HB flammability related materials.

Vinyl Insulated Terminals With Insulation Support Type PMV



Flammability – UL94V-0.

Non-Insulated Terminals Type PM



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.
See [pages D1.71 – D1.74](#).



PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.
See [pages E1.1 – E2.30](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Part Number System for PAN-TERM® Metric Terminals

B1. Cable Ties

| PM | V | 1 | — | 3 | R | — | B | — | C |
|-----------------------------|--|---|--|---------------------------------|-----------------------|---|---|---|---|
| Type | Insulation | Wire Range | Stud Size | Tongue Configuration | Special Configuration | Std. Pkg. Size | | | |
| PM = PAN-TERM® Metric | N = Nylon NF = Nylon Funnel V = Vinyl | 1 = .5-1.0mm ² 2 = 1.5-2.5mm ² 6 = 4.0-6.0mm ² | 3 = M3 4 = M4 5 = M5 6 = M6 8 = M8 | R = Ring F = Fork P = Pin | B = Butted Seam | X = 10 E = 20 Q = 25 L = 50 C = 100 | | | |

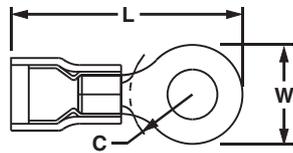
B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

Metric Ring Terminal, Nylon Insulated – Funnel Entry Type PMNF-R

- Insulation grip sleeve



| Part Number | Wire Range | Color Code | Max. Ins. | Stud Size | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-----------|------------------------|------|------|-------------------------------|----------------|----------------|
| | | | | | L | W | C | | | |
| PMNF1-3R-C | .5-1.0 | Red | 3.76 | M3 | 19.3 | 5.8 | 5.3 | CT-1550 | 100 | 500 |
| PMNF1-4R-C | | | 3.76 | M4 | 21.6 | 7.9 | 6.4 | | 100 | 500 |
| PMNF1-5R-C | | | 3.76 | M5 | 21.8 | 8.9 | 6.4 | | 100 | 500 |
| PMNF1-6R-C | 1.5-2.5 | Blue | 3.76 | M6 | 26.7 | 10.9 | 9.7 | CT-1550 | 100 | 500 |
| PMNF2-3R-C | | | 4.11 | M3 | 19.4 | 5.9 | 4.8 | | 100 | 500 |
| PMNF2-4R-C | | | 4.11 | M4 | 21.8 | 7.9 | 7.4 | | 100 | 500 |
| PMNF2-5R-C | 2.5-6.0 | Yellow | 4.11 | M5 | 22.4 | 8.9 | 7.4 | CT-1550 | 100 | 500 |
| PMNF2-6R-C | | | 4.11 | M6 | 26.5 | 10.9 | 10.7 | | 100 | 500 |
| PMNF6-3R-L | | | 5.94 | M3 | 26.7 | 5.8 | 9.1 | | 50 | 250 |
| PMNF6-4R-L | 2.5-6.0 | Yellow | 5.94 | M4 | 27.4 | 7.9 | 9.1 | CT-1550 | 50 | 250 |
| PMNF6-5R-L | | | 5.94 | M5 | 28.5 | 9.7 | 9.1 | | 50 | 250 |
| PMNF6-6R-L | | | 5.94 | M6 | 30.2 | 10.9 | 10.9 | | 50 | 250 |
| PMNF6-8R-L | | | 5.94 | M8 | 31.5 | 13.2 | 10.9 | | 50 | 250 |

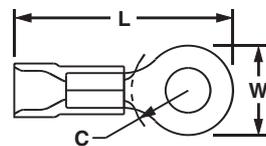
For crimping tool information, see [page D1.72](#).

D1. Terminals

D2. Power & Grounding Connectors

Metric Ring Terminal, Vinyl Insulated – Funnel Entry Type PMV-R

- Insulation support



| Part Number | Wire Range | Color Code | Max. Ins. | Stud Size | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-----------|------------------------|------|------|-------------------------------|----------------|----------------|
| | | | | | L | W | C | | | |
| PMV1-3RB-C | .5-1.0 | Red | 4.01 | M3 | 20.8 | 5.8 | 5.6 | CT-1550 | 100 | 500 |
| PMV1-4RB-C | | | 4.01 | M4 | 23.1 | 7.9 | 7.4 | | 100 | 500 |
| PMV1-5RB-C | | | 4.01 | M5 | 23.1 | 8.9 | 7.4 | | 100 | 500 |
| PMV1-6RB-C | 1.5-2.5 | Blue | 4.01 | M6 | 28.2 | 10.9 | 10.7 | CT-1550 | 100 | 500 |
| PMV2-3RB-C | | | 4.70 | M3 | 20.5 | 5.8 | 6.4 | | 100 | 500 |
| PMV2-4RB-C | | | 4.70 | M4 | 23.1 | 7.9 | 6.4 | | 100 | 500 |
| PMV2-5RB-C | 2.5-6.0 | Yellow | 4.70 | M5 | 23.8 | 8.9 | 6.4 | CT-1550 | 100 | 500 |
| PMV2-6RB-C | | | 4.70 | M6 | 25.7 | 10.9 | 9.7 | | 100 | 500 |
| PMV6-3R-L | | | 6.10 | M3 | 26.1 | 5.8 | 7.9 | | 50 | 250 |
| PMV6-4R-L | | | 6.10 | M4 | 26.5 | 7.9 | 7.9 | | 50 | 250 |
| PMV6-5R-L | 2.5-6.0 | Yellow | 6.10 | M5 | 27.1 | 9.5 | 7.9 | CT-1550 | 50 | 250 |
| PMV6-6R-L | | | 6.10 | M6 | 30.3 | 10.9 | 9.7 | | 50 | 250 |
| PMV6-8R-L | | | 6.10 | M8 | 31.4 | 13.2 | 9.7 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

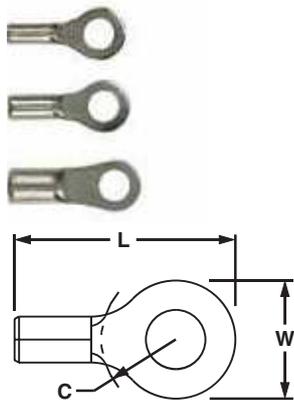
E4. Lockout/Tagout & Safety Solutions

F. Index

Metric Ring Terminal, Non-Insulated

Type PM-R

- Brazed seam



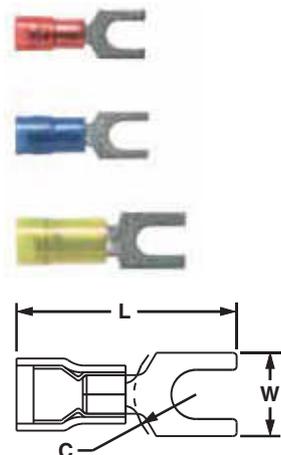
| Part Number | Wire Range | Stud Size | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|-----------|------------------------|------|-----|-------------------------------|----------------|----------------|
| | | | L | W | C | | | |
| PM1-3R-C | .5-1.0 | M3 | 15.8 | 5.8 | 5.6 | CT-1570 | 100 | 500 |
| PM1-4R-C | | M4 | 18.0 | 7.9 | 7.4 | | 100 | 500 |
| PM1-5R-C | | M5 | 18.0 | 8.9 | 7.4 | | 100 | 500 |
| PM2-3R-C | 1.5-2.5 | M3 | 15.8 | 5.8 | 5.6 | CT-1570 | 100 | 500 |
| PM2-4R-C | | M4 | 18.0 | 7.9 | 7.4 | | 100 | 500 |
| PM2-5R-C | | M5 | 18.0 | 8.9 | 6.5 | | 100 | 500 |
| PM6-3R-L | 2.5-6.0 | M3 | 19.2 | 5.8 | 7.9 | CT-1570 | 50 | 250 |
| PM6-4R-L | | M4 | 19.8 | 7.9 | 7.9 | | 50 | 250 |
| PM6-5R-L | | M5 | 20.6 | 9.5 | 7.9 | | 50 | 250 |
| PM6-6R-L | | M6 | 23.5 | 10.9 | 9.7 | | 50 | 250 |
| PM6-8R-L | | M8 | 24.7 | 13.3 | 9.7 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

Metric Fork Terminal, Nylon Insulated – Funnel Entry

Type PMNF-F

- Insulation grip sleeve



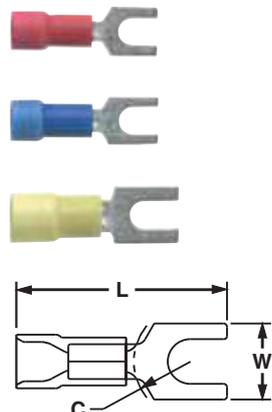
| Part Number | Wire Range | Color Code | Max. Ins. | Stud Size | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-----------|------------------------|------|-----|-------------------------------|----------------|----------------|
| | | | | | L | W | C | | | |
| PMNF1-3F-C | .5-1.5 | Red | 3.76 | M3 | 21.1 | 5.9 | 5.1 | CT-1550 | 100 | 500 |
| PMNF1-4F-C | | | | M4 | 22.6 | 8.2 | 5.8 | | 100 | 500 |
| PMNF1-5F-C | | | | M5 | 22.9 | 8.9 | 6.4 | | 100 | 500 |
| PMNF1-6F-C | | | | M6 | 27.4 | 11.2 | 8.4 | | 100 | 500 |
| PMNF2-3F-C | 1.5-2.5 | Blue | 4.11 | M3 | 19.8 | 5.9 | 5.1 | CT-1550 | 100 | 500 |
| PMNF2-4F-C | | | | M4 | 21.3 | 7.9 | 5.9 | | 100 | 500 |
| PMNF2-5F-C | | | | M5 | 21.9 | 8.6 | 6.4 | | 100 | 500 |
| PMNF2-6F-C | | | | M6 | 26.2 | 11.2 | 8.5 | | 100 | 500 |
| PMNF6-4F-L | 2.5-6.0 | Yellow | 5.94 | M4 | 27.2 | 7.9 | 6.2 | CT-1550 | 50 | 250 |
| PMNF6-5F-L | | | | M5 | 26.9 | 9.5 | 6.2 | | 50 | 250 |
| PMNF6-6F-L | | | | M6 | 29.0 | 11.0 | 8.2 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

Metric Fork Terminal, Vinyl Insulated – Funnel Entry

Type PMV-F

- Insulation support



| Part Number | Wire Range | Color Code | Max. Ins. | Stud Size | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-----------|------------------------|------|-----|-------------------------------|----------------|----------------|
| | | | | | L | W | C | | | |
| PMV1-3FB-C | .5-1.5 | Red | 4.01 | M3 | 21.6 | 5.8 | 4.8 | CT-1550 | 100 | 500 |
| PMV1-4FB-C | | | | M4 | 23.1 | 8.1 | 5.8 | | 100 | 500 |
| PMV1-5FB-C | | | | M5 | 23.6 | 9.1 | 6.1 | | 100 | 500 |
| PMV1-6FB-C | | | | M6 | 27.9 | 11.2 | 8.1 | | 100 | 500 |
| PMV2-3FB-C | 1.5-2.5 | Blue | 4.70 | M3 | 21.3 | 5.8 | 4.8 | CT-1550 | 100 | 500 |
| PMV2-4FB-C | | | | M4 | 22.9 | 7.9 | 5.8 | | 100 | 500 |
| PMV2-5FB-C | | | | M5 | 23.4 | 8.6 | 6.1 | | 100 | 500 |
| PMV2-6FB-C | | | | M6 | 27.7 | 11.2 | 8.1 | | 100 | 500 |
| PMV6-4F-L | 2.5-6.0 | Yellow | 6.10 | M4 | 26.4 | 8.1 | 5.6 | CT-1550 | 50 | 250 |
| PMV6-5F-L | | | | M5 | 26.4 | 9.7 | 5.6 | | 50 | 250 |
| PMV6-6F-L | | | | M6 | 29.5 | 10.9 | 8.1 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

A. System Overview

Metric Fork Terminal, Non-Insulated

Type PM-F

- Brazed seam
- Beveled wire lead-in

B1. Cable Ties

B2. Cable Accessories

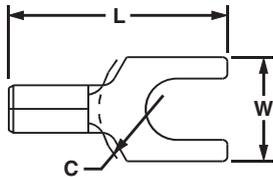
B3. Stainless Steel



| Part Number | Wire Range | Stud Size | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-----------------|------------|-----------|------------------------|------|-----|-------------------------------|----------------|----------------|
| | | | L | W | C | | | |
| PM1-3F-C | .5-1.5 | M3 | 16.0 | 5.8 | 5.6 | CT-1570 | 100 | 500 |
| PM1-4F-C | | M4 | 17.5 | 8.1 | 6.4 | | 100 | 500 |
| PM1-5F-C | | M5 | 18.0 | 8.8 | 6.6 | | 100 | 500 |
| PM2-3F-C | 1.5-2.5 | M3 | 16.0 | 5.8 | 5.6 | CT-1570 | 100 | 500 |
| PM2-4F-C | | M4 | 17.5 | 7.9 | 6.4 | | 100 | 500 |
| PM2-5F-C | | M5 | 18.0 | 8.6 | 6.9 | | 100 | 500 |
| PM6-5F-L | 2.5-6.0 | M5 | 19.4 | 9.5 | 7.1 | CT-1570 | 50 | 250 |
| PM6-6F-L | | M6 | 22.6 | 10.9 | 8.6 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

C1. Wiring Duct



C2. Surface Raceway

Metric Pin Terminal, Vinyl Insulated – Funnel Entry

Type PMV-P

- Funnel entry speeds wire insertion for faster assembly and lower installed costs
- Industry standard color coding to indicate wire range
- Brazed seam assures a reliable crimp
- Insulation support
- For pin-type terminal blocks

C3. Abrasion Protection

C4. Cable Management

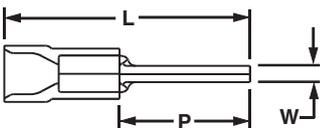


| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------------|------------|------------|-----------|------------------------|-----|------|-------------------------------|----------------|----------------|
| | | | | L | W | P | | | |
| PMV1-P10-C | .5-1.5 | Red | 3.80 | 21.1 | 2.0 | 11.9 | CT-1550 | 100 | 500 |
| PMV2-P10-C | 1.5-2.5 | Blue | 4.30 | 21.1 | 2.0 | 11.9 | | 100 | 500 |
| PMV6-P10-L | 2.5-6.0 | Yellow | 6.40 | 27.9 | 2.5 | 14.0 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

D1. Terminals

D2. Power & Grounding Connectors



E1. Labeling System

Metric Pin Terminal, Non-Insulated

Type PM-P

- Brazed seam
- Beveled wire lead-in
- For pin type terminal blocks

E2. Labels

E3. Pre-Printed & Write-On Markers

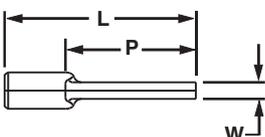
E4. Lockout/Tagout & Safety Solutions



| Part Number | Wire Range | Figure Dimensions (mm) | | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|------------------|------------|------------------------|-----|------|-------------------------------|----------------|----------------|
| | | L | W | P | | | |
| PM1-P10-C | .5-1.5 | 17.0 | 2.0 | 11.9 | CT-1570 | 100 | 500 |
| PM2-P10-C | 1.5-2.5 | 17.0 | 2.0 | 11.9 | | 100 | 500 |
| PM6-P10-L | 2.5-6.0 | 20.1 | 2.8 | 14.0 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

F. Index



Plastic Box Terminal Kits

- Ideal for maintenance and construction wiring
- Rugged plastic construction

- Kit has hanging tab for easy storage



KP-1075



KP-1165

| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|--|----------------|
| KP-1075 | Terminal kit without crimping tool. Includes the following: (20) PV18-8R; PV18-6F; PV14-8F; PV14-10R; (10) PV10-8R; PV10-10R; DNF14-250; DNF-18-250; BSV18X; BSV14X; BSV10X; (5) JN418-212. | 1 |
| KP-1000 | Empty plastic box, 12 terminal compartments and 1 tool compartment, measures 11" wide x 6 3/4" deep x 1 3/4" high. Positive latch prevents accidental opening. Once top is closed, terminals remain in their compartments. | 1 |
| KP-1165 | Includes the following: (18) PV18-8R; PV14-10R; PV18-6F; PV14-8F; (10) PV10-8R; PV10-10R; BSV18X; BSV14X; BSV10X; DV18-250B; DV14-188B; (5) JN418-212; (1) CT-160 Tool; KP-1000 Box. | 1 |
| KP-1166 | Includes the following: (18) P18-8R; P14-10R; P18-6F; P14-8F; (10) P10-8R; P10-10R; BS18; BS14; BS10; D18-250; D14-188; (5) JN218-216; (1) CT-160 Tool; KP-1000 Box. | 1 |

Steel Kit Boxes

- Terminal kit in rugged steel case that can be used stand-alone or fits into 2, 4 or 6 drawer slide racks



| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|--|----------------|
| K-1000 | Empty steel box, 20 terminal compartments and 1 tool compartment, measures 13 21/64" wide x 9 21/64" deep x 2" high <ul style="list-style-type: none"> • Latch prevents accidental opening • Handle for portability or as drawer pull when used in rack • Drop-in label area on front | 1 |
| K-1001 | Empty steel kit box, 20 terminal compartments and 1 tool compartment, box measures 13 21/64" wide x 9 21/64" deep x 2" high. | 1 |
| K-1100 | Steel box and CT-100 Crimping Tool. | 1 |
| K-1102 | Includes the following: (100) PV18-6LF; PV18-8LF; PV14-8LF; PV14-10LF; BSV18X; BSV14X; (50) PV10-10LF; BSV10X; (1) CT-100 Tool; K-1000 Box. | 1 |
| K-1103 | Includes the following: (100) DV18-250B; DV14-250B; DV14-250MB; D18-250; D14-250; (50) DV10-250; D10-250; (1) CT-100 Tool; K-1000 Box. | 1 |
| K-1104 | Includes the following: (50) PN18-10R; PN14-6R; PN14-10R; PN18-6F; PN14-6F; PN14-10F; (25) PN10-10R; PN10-56R; PN10-10F; BSN14; BSN10; JN418-212; (1) CT-100 Tool; K-1000 Box. | 1 |

Steel Slide Racks

- Consists of steel boxes, storage slide racks and base, which can be combined for neat, organized storage of terminals
- Rugged and durable steel construction

- Empty boxes, full kits, slide racks and base are purchased according to your application needs



| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|--|----------------|
| SR2 | 2-Drawer Slide Rack Holds K-504 Cable Tie Kit or K-1000 Series Terminal Kit | 1 |
| SR4 | 4-drawer slide rack to hold K-1000 series terminal kit. | 1 |
| SR6 | 6-drawer slide rack to hold K-1000 series terminal kit. | 1 |

Base and slide racks are sold separately.

| Slide racks will accommodate the following PANDUIT kits: | |
|--|----------|
| K-1000 | K-1103 |
| K-1001 | K-1104 |
| K-1100 | K1-PNKIT |
| K-1102 | K2-PVKIT |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Industrial Maintenance Kits

- Steel kits have individual compartments for storage of terminals
- Convenient carrying handle
- Once top is closed, terminals remain in their compartments

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index



K1-PNKIT



K2-PVKIT



K-205

| Part Number | Part Description | Std. Pkg. Qty. |
|-----------------|--|----------------|
| K1-PNKIT | <p>Kit contains:</p> <ul style="list-style-type: none"> (1) K-1001 steel kit box (1) CT-260 installation tool <p><u>Cable Ties</u></p> <ul style="list-style-type: none"> (100) PLT2S cable ties <p><u>Terminals</u></p> <ul style="list-style-type: none"> (100) PN14-610R multi-stud terminals (100) PN18-610R multi-stud terminals (100) PN18-6LF locking fork terminals (100) PN14-8LF locking fork terminals (50) PN10-10LF locking fork terminals (100) PN18-8F fork terminals (100) PN14-10R ring terminals (50) PN10-10R ring terminals <p><u>Disconnects</u></p> <ul style="list-style-type: none"> (100) DNF18-250 disconnects (100) DNF14-250 disconnects (50) DV10-250 disconnects <p><u>Splices</u></p> <ul style="list-style-type: none"> (50) BSN18 butt splices (50) BSN14 butt splices (25) BSN10 butt splices <p><u>Marking System</u></p> <ul style="list-style-type: none"> (1) PMD-0-9 marking dispenser and tape (100) MP150 marker tags (1) PX-0 marker | 1 |
| K2-PVKIT | <p>Kit contains:</p> <ul style="list-style-type: none"> (1) K-1001 steel kit box (1) CT-260 installation tool <p><u>Cable Ties</u></p> <ul style="list-style-type: none"> (100) PLT2S cable ties <p><u>Terminals</u></p> <ul style="list-style-type: none"> (100) PV18-8F fork terminals (100) PV18-6LF locking fork terminals (100) PV14-8LF locking fork terminals (50) PV10-10LF locking fork terminals (100) PV18-610R multi-stud terminals (100) PV14-10R ring terminals (50) PV10-10R ring terminals <p><u>Disconnects</u></p> <ul style="list-style-type: none"> (100) DNF18-250 disconnects (100) DV14-250B disconnects (50) DV10-250 disconnects <p><u>Splices</u></p> <ul style="list-style-type: none"> (50) BSV18X butt splices (50) BSV14X butt splices (25) BSV10X butt splices <p><u>Wire Joints</u></p> <ul style="list-style-type: none"> (30) JN224-318 (15) JN314-412 <p><u>Marking System</u></p> <ul style="list-style-type: none"> (1) PMD-0-9 marking dispenser and tape | 1 |
| K-205* | <p>Kit for Indoor Use</p> <p>PAN-Ty® Cable Ties, Cable Tie Installation Tool, Terminals, Crimp Tool and Splices:</p> <ul style="list-style-type: none"> (1) GTS Tool (1) CT-100 Crimp Tool <p><u>Natural Nylon 6.6 Cable Ties</u></p> <ul style="list-style-type: none"> (100) PLT1M (100) PLT1.5I (100) PLT2S <p><u>Terminals</u></p> <ul style="list-style-type: none"> (100) PV18-6LF (100) PV14-8LF (100) PV14-10LF (50) PV10-10LF <p><u>Splices</u></p> <ul style="list-style-type: none"> (50) BSV10X (100) BSV14X (100) BSV18X | 1 |

*The K-205 does not fit into the SR2, SR4, or SR6.

PAN-TERM® DISCONNECTS

PANDUIT® PAN-TERM® Disconnects are designed and precision made to function as a reliable method of making quick, repeatable interconnections. Available with nylon, premium nylon or vinyl insulation or non-insulated.



Fully insulated design provides excellent protection from electrical shorts and provides additional installer protection for safety from electrical shocks

Funnel entry speeds insertion and minimizes turned back wire strands

Integrated metal insulation grip provides double crimp insulation grip for high vibration or conductor strain environments on select SUPRA-GRIP™ disconnects and DISCO-LOK™ disconnects and DISCOGRIP™ disconnects

Applicable sizes are UL Listed and CSA Certified, as noted
Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. PANDUIT offers a wide assortment of PAN-TERM® termination products at the lowest installed cost.

Bundle

Route/Protect

Terminate

Identify

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – PAN-TERM® Disconnects

B1. Cable Ties

PAN-TERM® disconnects are fabricated from brass and are electro-tin plated for a long, corrosion resistant operating life.

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

Nylon Fully Insulated Female Receptacles and Male Tabs Type DNF-FIB

Available in tab sizes to accommodate .110", .187", .205" or .250" tabs

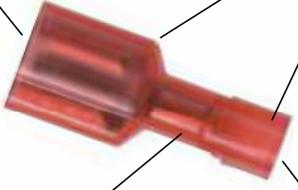
Fully insulated design provides protection from electrical shorts

Expanded wire entry (on select sizes) accommodates large insulation or multiple wires

Maximum insulation temperature 125°C (257°F)

Insulation support restricts excessive wire movement to minimize stress on crimp joint

Funnel entry for faster wire insertion and lower installed cost



UL and CSA rated up to 600V per UL310.

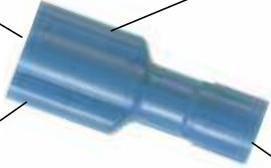
DISCO-GRIP™ Premium Nylon Fully Insulated Female Receptacles and Male Tabs Type DNF and DPF

Available in tab sizes to accommodate .110", .187", .205" or .250" tabs

Fully insulated design provides protection from electrical shorts

Maximum insulation temperature 105°C (221°F)

Funnel entry for faster wire insertion and lower installed cost



UL and CSA rated up to 600V per UL310. Male products available .250" width in standard and oversized housing configurations.

SUPRA-GRIP™ Nylon Fully Insulated Female Disconnects Type DNG-FB

Available in tab sizes to accommodate .187" or .250" tabs

Fully insulated design provides protection from electrical shorts

Maximum insulation temperature 105°C (221°F)

Funnel entry for faster wire insertion and lower installed cost

Fully integrated metal insulation grip for high vibration, high strain relief, and double crimp requirements



UL and CSA rated up to 600V per UL310.

DISCO-LOK™ Nylon Fully Insulated Locking Female Disconnects Type DNG-FL

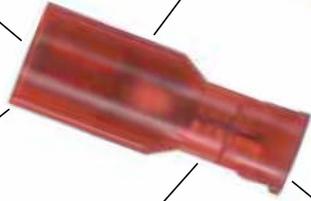
Available in tab sizes to accommodate 250" tabs

Unique locking mechanism allows for low insertion forces (mating) and positive locking for secure connections

Maximum insulation temperature 105°C (221°F)

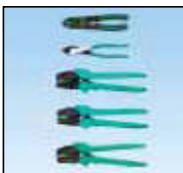
Funnel entry for faster wire insertion and lower installed cost

Insulation grip sleeve provides a superior insulation crimp for high vibration and high strain relief applications



UL and CSA rated up to 300V.



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See [pages D1.71 – D1.73](#).

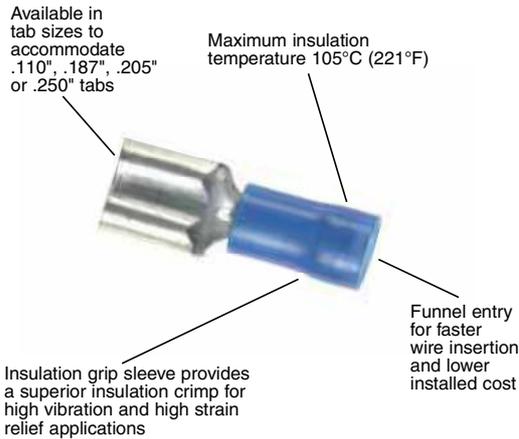


PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See [pages E1.1 – E2.30](#).

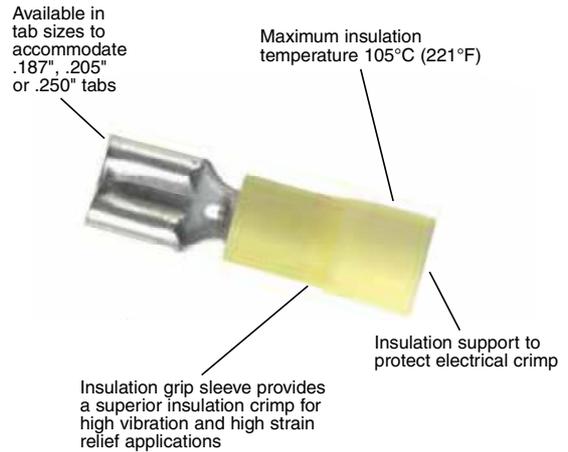
Features and Benefits – PAN-TERM® Disconnects (continued)

Nylon Barrel Insulated Female Receptacles and Male Tabs Type DNF



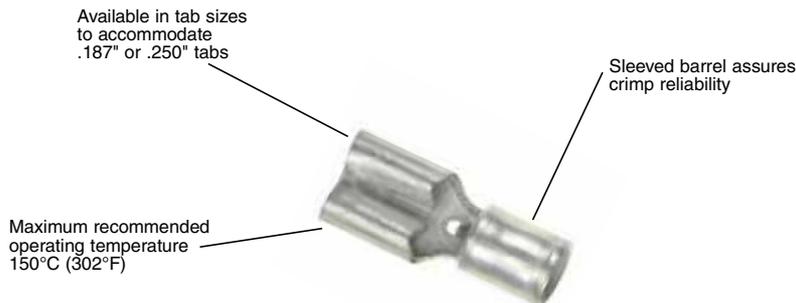
UL and CSA rated up to 300V.
Male products available .250" width.

Vinyl Barrel Insulated Female Receptacles and Male Tabs Type DV and DVF



UL and CSA rated up to 600V.
Male products available .250" width.
Flammability – UL94V-0.

Non-Insulated Female Receptacles and Male Tabs Type D



Male products available .250" width.



PANDUIT Wiring Duct offers a wide variety of sizes and types to meet the wire capacity needs and space constraints of the smallest wall mounted to the largest integrated systems.

See [pages C1.1 – C1.46](#)



A comprehensive selection of cable ties used to bundle, mount and identify wire and cable.

See [pages B1.1 – B1.116](#)

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

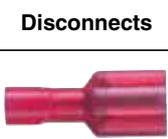
E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

Selection Guide – PAN-TERM® Disconnects

| Material | Style | Design | Feature | Type | Page Number | |
|---------------|------------------|--------------------|-----------------------------|---------------------------------|-------------|-------|
| Nylon | Fully Insulated | Female | Funnel Entry, Ins. Grip | DNG-FB | D1.37 | |
| | | Female | Funnel, Ins. Grip, Locking | DNG-FL | D1.38 | |
| | | Female | Funnel, Ins. Support, 2Pc. | DNF-FIB | D1.39 | |
| | | Female | Funnel, Ins. Support, 3Pc. | DNF-FI | D1.39 | |
| | | Female | Funnel Entry, Premium Nylon | DPF-FIB | D1.40 | |
| | | Male | Funnel, Ins. Support, 2Pc. | DNF-FIM | D1.38 | |
| | | Male | Premium Nylon | DPF-FIM | D1.40 | |
| | Barrel Insulated | Female | Funnel Entry, Ins. Support | DNFR-FIB | D1.44 | |
| | | Female Right Angle | Funnel Entry, Open Top | DNFR-B | D1.44 | |
| | | Male | Funnel Entry, Ins. Grip | DNF | D1.41 | |
| | Vinyl | Barrel Insulated | Female | Funnel Entry, Ins. Grip, 3Pc. | DVF | D1.42 |
| | | | Female | Funnel Entry, Butted Seam, 2Pc. | DV-B | D1.42 |
| | Heat Shrink | Fully Insulated | Male | Funnel Entry, Butted Seam, 2Pc. | DV-MB | D1.47 |
| | | | Piggyback | Funnel Entry, Ins. Grip | DV-P | D1.46 |
| Non-Insulated | Fully Insulated | Female | Heat Shrink Insulated | DNH-FIB | D1.41 | |
| | | Male | Heat Shrink Insulated | DNH-FIM | D1.41 | |
| Non-Insulated | Non-Insulated | Female | Sleeved Barrel | D | D1.43 | |
| | | Female Right Angle | Sleeved Barrel | DR | D1.45 | |
| | | Female Right Angle | Butted Seam | DR-B | D1.45 | |
| | | Male | Butted Seam | D-MB | D1.47 | |
| | | Adapter | Two Female to One Male | D-A | D1.46 | |



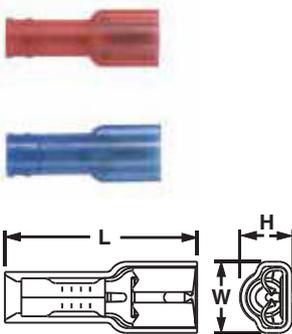
Part Number System for PAN-TERM® Disconnects

| D | NF | — | 14 | 250 | FIB | — | M |
|-----------------|---|---|-------------|------------------------|---|---|-----------------------|
| Type | Insulation | | Wire Range | Tab Size | Special Configuration | | Standard Package Size |
| D = Disconnects | N = Nylon | | 18 = #22-18 | 110 = .110 x .032 | A = Adapter | | L = 50 |
| | NF = Nylon, Funnel Entry | | 14 = #16-14 | 111 = .110 x .020 | B = Butted Seam | | C = 100 |
| | NFR = Nylon, Funnel Entry, Right Angle | | 10 = #12-10 | 145 = .145 x .032 | FB = Metal Insulation Grip, Female | | D = 500 |
| | NG = Nylon, Funnel Entry, Metal Insulation Grip | | | 187 = .187 x .032 | FI = Fully Insulated, Female | | M = 1000 |
| | PF = Premium Grade Nylon, Funnel Entry | | | 188 = .187 x .020 | FIB = Fully Insulated, Butted Seam, Female | | |
| | R = Non-Insulated, Right Angle | | | 205 = .187/.205 x .032 | FIM = Fully Insulated, Male | | |
| | V = Vinyl | | | 206 = .187/.205 x .020 | FIMB = Fully Insulated, Male with Oversized Housing | | |
| | | | | 250 = .250 x .032 | FL = Locking, Metal Insulation Grip, Female | | |
| | | | | | M = Male | | |
| | | | | | = Female (leave blank) | | |
| | | | | | P = Piggyback | | |

SUPRA-GRIP™ Female Disconnect, Nylon Fully Insulated

Type DNG-FB

- Funnel entry
- Integrated metal insulation grip to meet double crimp requirements
- Color coded insulation
- Internal wire barrel serrations for maximum wire tensile strength
- Tab size clearly marked on insulation housing
- Tin plated brass stamping
- Wire stop
- Mates with DNF-250FIMB



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-----------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|----------------|----------------|
| | | | | L | W | H | | | | |
| DNG18-187FB-C | 22-18 AWG | Red | .126 | .89 | .29 | .22 | .187 x .032 | CT-1015 | 100 | 1000 |
| DNG18-188FB-C | | | .126 | .89 | .29 | .22 | .187 x .020 | | 100 | 1000 |
| DNG18-250FB-C | | | .126 | .93 | .35 | .22 | .250 x .032 | | 100 | 1000 |
| DNG14-187FB-C* | 16-14 AWG | Blue | .153 | .89 | .29 | .25 | .187 x .032 | CT-1015 | 100 | 1000 |
| DNG14-188FB-C* | | | .153 | .89 | .29 | .25 | .187 x .020 | | 100 | 1000 |
| DNG14-250FB-C | | | .153 | .93 | .35 | .25 | .250 x .032 | | 100 | 1000 |

*UL Recognized for use with brass tabs only.
For crimping tool information, see [page D1.72](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

DISCO-LOK™ Female Disconnect, Nylon Fully Insulated

Type DNG-FL

- Positive locking mechanism design allows for low insertion force (mating) and locking withdrawal force (separation)
- Fully pre-insulated (color coded)
- Integrated funnel entry
- Insulation grip
- Tab size markings
- Tin plated brass stamping

B1. Cable Ties

B2. Cable Accessories



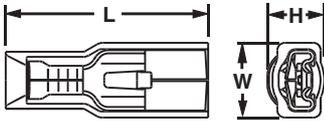
B3. Stainless Steel



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DNG18-250FL-C | 22-18 AWG | Red | .126 | .97 | .36 | .24 | .250 x .032 | CT-1014 | 100 | 1000 |
| DNG14-250FL-C | 16-14 AWG | Blue | .150 | .97 | .36 | .25 | .250 x .032 | CT-1014 | 100 | 1000 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000. For crimping tool information, see [page D1.72](#).

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



Male/Female Coupler, Nylon Fully Insulated – Funnel Entry

Type DNF

- Insulation support
- Internal wire stop

C4. Cable Management



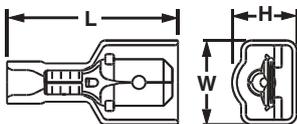
| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DNF18-250FIM-C | 22-18 AWG | Red | .133 | .90 | .42 | .27 | .250 x .032 | CT-100‡, CT-600, CT-1525‡ | 100 | 1000 |
| DNF18-250FIMB-L | | | .136 | .91 | .45 | .34 | .250 x .032 | | 50 | 500 |
| DNF18-250FIB-C | | | .136 | .84 | .35 | .22 | .250 x .032 | 100 | 1000 | |
| DNF14-250FIM-C | 16-14 AWG | Blue | .158 | .90 | .42 | .27 | .250 x .032 | CT-600, CT-1525‡ | 100 | 1000 |
| DNF14-250FIMB-L | | | .160 | .91 | .45 | .34 | .250 x .032 | | 50 | 500 |
| DNF14-250FIB-C | | | .160 | .84 | .35 | .22 | .250 x .032 | 100 | 1000 | |
| DNF10-250FIMB-L* | 12-10 AWG | Yellow | .220 | .96 | .45 | .36 | .250 x .032 | CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |
| DNF10-250FI-L | | | .220 | .95 | .36 | .27 | .250 x .032 | | 50 | 500 |

*UL Listed only.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

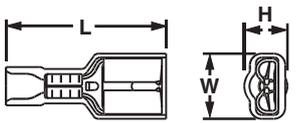
‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).

E1. Labeling System



MALE

E2. Labels



FEMALE

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

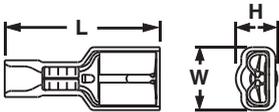
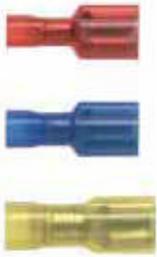


Female Disconnect Nylon Fully Insulated – Funnel Entry

Type DNF-FIB

- Insulation support

- Internal wire stop



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-----------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DNF18-110FIB-C | 22-18 AWG | Red | .120 | .71 | .19 | .16 | .110 x .032 | CT-100, CT-600, CT-1525‡ | 100 | 1000 |
| DNF18-111FIB-C | | | .120 | .71 | .19 | .16 | .110 x .020 | | 100 | 1000 |
| DNF18-187FIB-C | | | .136 | .78 | .29 | .16 | .187 x .032 | | 100 | 1000 |
| DNF18-188FIB-C | | | .136 | .78 | .29 | .16 | .187 x .020 | | 100 | 1000 |
| DNF18-205FIB-C | | | .136 | .78 | .31 | .22 | .205 x .032 | | 100 | 1000 |
| DNF18-206FIB-C | | | .136 | .78 | .31 | .22 | .205 x .020 | | 100 | 1000 |
| DNF18-250FIB-C | 16-14 AWG | Blue | .136 | .84 | .35 | .22 | .250 x .032 | CT-100, CT-600, CT-1525‡ | 100 | 1000 |
| DNF14-187FIB-C | | | .160 | .78 | .29 | .18 | .187 x .032 | | 100 | 1000 |
| DNF14-188FIB-C | | | .160 | .78 | .29 | .18 | .187 x .020 | | 100 | 1000 |
| DNF14-205FIB-C | | | .160 | .78 | .31 | .22 | .205 x .032 | | 100 | 1000 |
| DNF14-206FIB-C | | | .160 | .78 | .31 | .22 | .205 x .020 | | 100 | 1000 |
| DNF14-250FIB-C | | | .160 | .84 | .35 | .22 | .250 x .032 | | 100 | 1000 |
| DNF10-250FIB-L | 12-10 AWG | Yellow | .220 | .96 | .35 | .23 | .250 x .032 | CT-1525‡ | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see pages D1.71, D1.72 and D1.74.

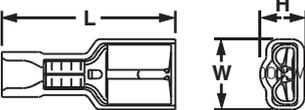


Female Disconnect, Nylon Fully Insulated – Funnel Entry, Metal Sleeve

Type DNF-FI

- Insulation support
- Metal sleeve

- Internal wire stop



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|--------------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DNF18-250FI-C | 22-18 AWG | Red | .140 | .94 | .36 | .21 | .250 x .032 | CT-100, CT-600, CT-1550, CT-1551 | 100 | 1000 |
| DNF14-250FI-C | 16-14 AWG | Blue | .160 | .94 | .36 | .24 | .250 x .032 | | 100 | 1000 |
| DNF10-250FI-L | 12-10 AWG | Yellow | .220 | .95 | .36 | .27 | .250 x .032 | CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combination. For crimping tool information, see pages D1.71, D1.72 and D1.74.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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A. System Overview



DISCOGRIP™ Male Disconnect, Premium Nylon Fully Insulated – Funnel Entry

B1. Cable Ties

Type DPF-FIM

- Insulation grip
- Internal wire stop

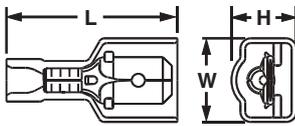
B2. Cable Accessories



B3. Stainless Steel



C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management



DISCOGRIP™ Female Disconnect, Premium Nylon Fully Insulated – Funnel Entry

D1. Terminals

Type DPF-FIB

- Insulation grip
- Internal wire stop

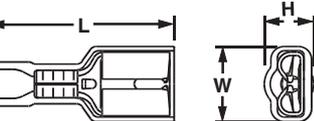
D2. Power & Grounding Connectors



E1. Labeling System



E2. Labels



E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DPF18-250FIM-C | 22-18 AWG | Red | .133 | .90 | .41 | .29 | .250 x .032 | CT-600, CT-1525 | 100 | 1000 |
| DPF14-250FIM-C | 16-14 AWG | Blue | .156 | .90 | .41 | .29 | .250 x .032 | | 100 | 1000 |
| DPF18-250FIMB-L* | 22-18 AWG | Red | .133 | .92 | .46 | .34 | .250 x .032 | | 50 | 500 |
| DPF14-250FIMB-L* | 16-14 AWG | Blue | .156 | .92 | .46 | .34 | .250 x .032 | | 50 | 500 |

*Oversized housing design will mate with receptacles up to .390" wide and .235" (.285" high for parts with orientation bump).

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [pages D1.72 and D1.74](#).

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-----------------------|------------|------------|-----------|-------------------------|-----|-----|------------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DPF18-110FIB-C | 22-18 AWG | Red | .132 | .71 | .19 | .16 | .110 x .032 | CT-600‡, CT-1525‡ | 100 | 1000 |
| DPF18-111FIB-C | | | .132 | .71 | .19 | .16 | .110 x .020 | | 100 | 1000 |
| DPF18-205FIB-C | | | .133 | .78 | .31 | .22 | .205/.187 x .032 | | 100 | 1000 |
| DPF18-206FIB-C | | | .133 | .78 | .31 | .22 | .205/.187 x .020 | | 100 | 1000 |
| DPF18-250FIB-C | 16-14 AWG | Blue | .133 | .84 | .35 | .22 | .250 x .032 | CT-600‡, CT-1525‡ | 100 | 1000 |
| DPF14-205FIB-C | | | .156 | .78 | .31 | .22 | .205/.187 x .032 | | 100 | 1000 |
| DPF14-206FIB-C | | | .156 | .78 | .31 | .22 | .205/.187 x .020 | | 100 | 1000 |
| DPF14-250FIB-C | | | .156 | .84 | .35 | .22 | .250 x .032 | | 100 | 1000 |
| DPF10-250FI-L* | 12-10 AWG | Yellow | .218 | .95 | .36 | .27 | .250 x .032 | CT-600‡, CT-1525‡ | 50 | 500 |
| DPF10-250FIB-L | | | .220 | .96 | .35 | .23 | .250 x .032 | | 50 | 500 |

*Not UL listed or CSA approved.

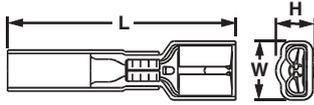
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.72 and D1.74](#).

Heat Shrink Disconnects, Fully Insulated – Funnel Entry

Type DNH

- Heat shrink polyolefin with hot melt sealant
- Adhesive lined heat shrink



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Type | Wire Strip Length | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|----------------|------------|------------|-----------|-------------------------|-----|-----|--------|-------------------|-------------------------------|----------------|----------------|
| | | | | L | W | H | | | | | |
| DNH18-250FIM-Q | 22-18 AWG | Red | .133 | 1.50 | .41 | .31 | Male | 5/16 | CT-310 | 25 | 125 |
| DNH18-250FIB-Q | | | .132 | 1.44 | .35 | .22 | Female | | | | |
| DNH14-250FIM-Q | 16-14 AWG | Blue | .158 | 1.50 | .41 | .31 | Male | | | 25 | 125 |
| DNH14-250FIB-Q | | | .156 | 1.44 | .35 | .22 | Female | | | | |
| DNH10-250FI-E | 12-10 AWG | Yellow | .230 | 1.44 | .35 | .27 | Female | 20 | 100 | | |

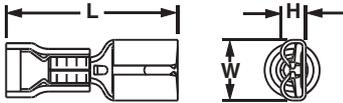
For crimping tool information, see [page D1.72](#).



Female Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DNF

- Insulation grip sleeve



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|------------|-----------|-------------------------|-----|-----|------------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DNF18-110-C | 22-18 AWG | Red | .100 | .69 | .15 | .08 | .110 x .032 | CT-600‡, CT-1525‡ | 100 | 500 |
| DNF18-111-C | | | .100 | .69 | .15 | .07 | .110 x .020 | | | |
| DNF18-187-C | | | .137 | .76 | .23 | .10 | .187 x .032 | 100 | 500 | |
| DNF18-188-C | | | .137 | .76 | .23 | .10 | .187 x .020 | | | |
| DNF18-205-C | | | .137 | .76 | .25 | .12 | .205/.187 x .032 | 100 | 500 | |
| DNF18-206-C | | | .137 | .76 | .25 | .12 | .205/.187 x .020 | | | |
| DNF18-250-C | 16-14 AWG | Blue | .138 | .81 | .29 | .12 | .250 x .032 | CT-1525 | 100 | 500 |
| DNF14-110-C* | | | .162 | .75 | .15 | .08 | .110 x .032 | | | |
| DNF14-111-C* | | | .162 | .75 | .15 | .07 | .110 x .020 | 100 | 500 | |
| DNF14-187-C | | | .162 | .76 | .23 | .10 | .187 x .032 | | | |
| DNF14-188-C | | | .162 | .76 | .23 | .10 | .187 x .020 | 100 | 500 | |
| DNF14-205-C | | | .162 | .76 | .25 | .12 | .205/.187 x .032 | | | |
| DNF14-206-C | | | .162 | .76 | .25 | .12 | .205/.187 x .020 | CT-600‡, CT-1550, CT-1551 | 100 | 500 |
| DNF14-250-C | | | .162 | .83 | .29 | .12 | .250 x .032 | | | |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.72 and D1.74](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Female Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DVF

- Insulation grip sleeve

B1. Cable Ties

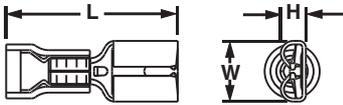
B2. Cable Accessories



B3. Stainless Steel



C1. Wiring Duct



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DVF18-187-C | 22-18 AWG | Red | .137 | .76 | .23 | .10 | .187 x .032 | CT-1550‡, CT-1551‡ | 100 | 500 |
| DVF18-188-C | | | .137 | .76 | .23 | .10 | .187 x .020 | | 100 | 500 |
| DVF18-205-C | | | .137 | .76 | .25 | .12 | .205 x .032 | | 100 | 500 |
| DVF18-206-C | | | .137 | .76 | .25 | .12 | .205 x .020 | | 100 | 500 |
| DVF18-250-C | | | .137 | .81 | .29 | .12 | .250 x .032 | | 100 | 500 |
| DVF14-187-C | 16-14 AWG | Blue | .162 | .76 | .23 | .10 | .187 x .032 | CT-1550‡, CT-1551‡ | 100 | 500 |
| DVF14-188-C | | | .162 | .76 | .23 | .10 | .187 x .020 | | 100 | 500 |
| DVF14-205-C | | | .162 | .76 | .25 | .12 | .205 x .032 | | 100 | 500 |
| DVF14-206-C | | | .162 | .76 | .25 | .12 | .205 x .020 | | 100 | 500 |
| DVF14-250-C | | | .162 | .81 | .29 | .12 | .250 x .032 | | 100 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [page D1.72](#).

C2. Surface Raceway

C3. Abrasion Protection



Female Disconnect, Vinyl Barrel Insulated – Butted Seam

Type DV-B

C4. Cable Management



D1. Terminals

D2. Power & Grounding Connectors



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | | | | |
| DV18-187B-C | 22-18 AWG | Red | .150 | .75 | .23 | .10 | .187 x .032 | CT-1525‡ | 100 | 500 |
| DV18-188B-C | | | .136 | .79 | .23 | .10 | .187 x .020 | | 100 | 500 |
| DV18-205B-C | | | .150 | .75 | .25 | .12 | .205 x .032 | | 100 | 500 |
| DV18-206B-C | | | .150 | .75 | .25 | .12 | .205 x .020 | | 100 | 500 |
| DV18-250B-C | | | .150 | .81 | .29 | .12 | .250 x .032 | | 100 | 500 |
| DV14-187B-C | 16-14 AWG | Blue | .170 | .75 | .23 | .10 | .187 x .032 | CT-1525^ | 100 | 500 |
| DV14-188B-C | | | .162 | .79 | .23 | .10 | .187 x .020 | | 100 | 500 |
| DV14-205B-C | | | .170 | .75 | .25 | .12 | .205 x .032 | | 100 | 500 |
| DV14-206B-C | | | .170 | .75 | .25 | .12 | .205 x .020 | | 100 | 500 |
| DV14-250B-C | | | .170 | .81 | .29 | .12 | .250 x .032 | | 100 | 500 |
| DV10-250-L* | 12-10 AWG | Yellow | .229 | 1.03 | .30 | .13 | .250 x .032 | CT-1550^, CT-1551^ | 50 | 500 |

*Sleeved barrel.

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [page D1.72](#).

^ CSA approved tooling/product combinations.

▲UL Recognized only.

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

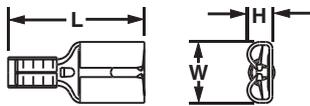
F. Index



Female Disconnect, Non-Insulated – Metal Sleeve

Type D

- Sleeved barrel



| Part Number | Wire Range | Figure Dimensions (In.) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|-------------------------|-----|-----|-------------|---------------------------------|------------------|----------------|
| | | L | W | H | | | | |
| D18-187-C | 22-18 AWG | .58 | .23 | .10 | .187 x .032 | CT-100‡, CT-200‡, CT-1570‡ | 100 | 500 |
| D18-188-C | | .58 | .23 | .10 | .187 x .020 | | 100 | 500 |
| D18-250-C | | .66 | .30 | .12 | .250 x .032 | | 100 | 500 |
| D14-187-C | 16-14 AWG | .58 | .23 | .10 | .187 x .032 | CT-100, CT-200, CT-600, CT-1570 | 100 | 500 |
| D14-188-C | | .58 | .23 | .10 | .187 x .020 | | 100 | 500 |
| D14-250-C | | .66 | .30 | .12 | .250 x .032 | | 100 | 500 |
| D10-250-L | 12-10 AWG | .72 | .30 | .12 | .250 x .032 | CT-600‡, CT1570‡, CT-1701‡ | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

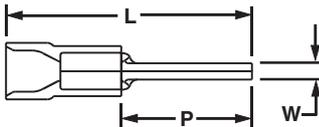
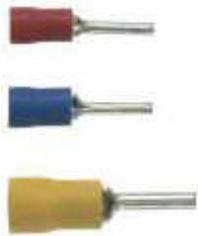
▲UL Recognized only.

Pin Terminal, Vinyl Insulated – Funnel Entry

Type PV-P

- Insulation support
- Brazed seam

- For pin-type terminal blocks



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-------------------------|-----|-----|----------------------------------|------------------|----------------|
| | | | | L | W | P | | | |
| PV18-P47-C | 22-18 AWG | Red | .150 | .97 | .07 | .49 | CT-100, CT-260, CT-1550, CT-1551 | 100 | 1000 |
| PV14-P47-C | 16-14 AWG | Blue | .170 | .97 | .07 | .49 | | 100 | 1000 |
| PV10-P55-L | 12-10 AWG | Yellow | .250 | 1.10 | .10 | .55 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

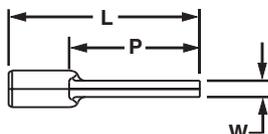
For crimping tool information, see pages D1.71 and D1.72.

Pin Terminal, Non-Insulated

Type P-P

- Brazed seam
- Beveled wire lead-in

- For pin-type terminal blocks



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|-------------------------|-----|-----|---------------------------------|------------------|----------------|
| | | | | L | W | P | | | |
| P18-P47-C | 22-18 AWG | — | — | .75 | .07 | .49 | CT-100, CT-200, CT-260, CT-1570 | 100 | 1000 |
| P14-P47-C | 16-14 AWG | — | — | .75 | .07 | .49 | | 100 | 1000 |
| P10-P55-L | 12-10 AWG | — | — | .79 | .11 | .55 | CT-100, CT-200, CT-260, CT-1570 | 50 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see pages D1.71 and D1.72.

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B2. Cable Accessories

B3. Stainless Steel

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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A. System Overview

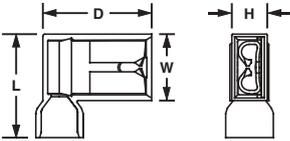


Right Angle Female Disconnect, Nylon Fully Insulated – Funnel Entry

Type DNFR-FIB

- Insulation support

- Used in limited space applications



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|------------------------|------------|------------|-----------|-------------------------|-----|-----|-----|------------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | D | | | | |
| DNFR18-205FIB-C | 22-18 AWG | Red | .178 | .58 | .37 | .21 | .60 | .205/.187 x .032 | CT-300-1 | 100 | 1000 |
| DNFR18-206FIB-C | | | .178 | .58 | .37 | .21 | .60 | .205/.187 x .020 | | 100 | 1000 |
| DNFR18-250FIB-C | | | .178 | .58 | .37 | .21 | .60 | .250 x .032 | | 100 | 1000 |
| DNFR14-205FIB-C | 16-14 AWG | Blue | .178 | .58 | .37 | .21 | .60 | .205/.187 x .032 | CT-300-1 | 100 | 1000 |
| DNFR14-206FIB-C | | | .178 | .58 | .37 | .21 | .60 | .205/.187 x .020 | | 100 | 1000 |
| DNFR14-250FIB-C | | | .178 | .58 | .37 | .21 | .60 | .250 x .032 | | 100 | 1000 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000. For crimping tool information, see [page D1.72](#).

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

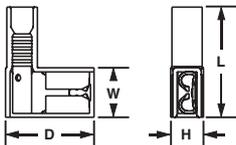
C4. Cable Management



Right Angle Female Disconnect, Nylon Insulated – Funnel Entry

Type DNFR-B

- Insulation support



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------------|------------|------------|-----------|-------------------------|-----|-----|-----|------------------|-------------------------------|------------------|----------------|
| | | | | L | W | H | D | | | | |
| DNFR18-205B-C | 22-18 AWG | Red | .130 | .78 | .36 | .20 | .62 | .205/.187 x .032 | CT-1525‡ | 100 | 1000 |
| DNFR18-206B-C | | | .130 | .78 | .36 | .20 | .62 | .205/.187 x .020 | | 100 | 1000 |
| DNFR18-250B-C | | | .130 | .78 | .36 | .20 | .62 | .250 x .032 | | 100 | 1000 |
| DNFR14-205B-C | 16-14 AWG | Blue | .155 | .78 | .36 | .20 | .63 | .205/.187 x .032 | CT-1525‡ | 100 | 1000 |
| DNFR14-206B-C | | | .155 | .78 | .36 | .20 | .63 | .205/.187 x .020 | | 100 | 1000 |
| DNFR14-250B-C | | | .155 | .78 | .36 | .20 | .63 | .250 x .032 | | 100 | 1000 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [page D1.72](#).

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

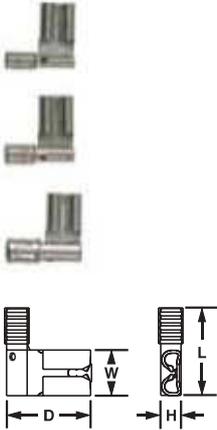
F. Index



Right Angle Female Disconnect, Non-Insulated – Metal Sleeve

Type DR

- Sleeved barrel



| Part Number | Wire Range | Figure Dimensions (In.) | | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|-------------------------|-----|-----|-----|------------------|---|------------------|----------------|
| | | L | W | H | D | | | | |
| DR18-205-C | 22-18 AWG | .54 | .25 | .11 | .53 | .205/.187 x .032 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 |
| DR18-206-C | | .54 | .25 | .11 | .53 | .205/.187 x .020 | | 100 | 1000 |
| DR18-250-C | | .57 | .30 | .12 | .54 | .250 x .032 | | 100 | 1000 |
| DR14-205-C | 16-14 AWG | .54 | .25 | .11 | .55 | .205/.187 x .032 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡ | 100 | 1000 |
| DR14-206-C | | .54 | .25 | .11 | .55 | .205/.187 x .020 | | 100 | 1000 |
| ▲ DR14-250-C | | .57 | .30 | .12 | .55 | .250 x .032 | | 100 | 1000 |
| DR10-250-L | 12-10 AWG | .61 | .30 | .12 | .57 | .250 x .032 | CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡ | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

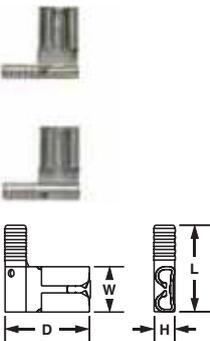
▲UL Recognized only.



Right Angle Female Disconnect Non-Insulated

Type DR-B

- Sleeved barrel



| Part Number | Wire Range | Figure Dimensions (In.) | | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|------------|-------------------------|-----|-----|-----|------------------|-------------------------------|------------------|----------------|
| | | L | W | H | D | | | | |
| DR18-205B-C* | 22-18 AWG | .54 | .25 | .12 | .53 | .205/.187 x .032 | CT-100, CT-200 | 100 | 1000 |
| DR18-206B-C* | | .54 | .25 | .12 | .53 | .205/.187 x .020 | | 100 | 1000 |
| DR18-250B-C | | .55 | .30 | .12 | .53 | .250 x .032 | | 100 | 1000 |
| DR14-205B-C* | 16-14 AWG | .54 | .25 | .12 | .55 | .205/.187 x .032 | CT-100, CT-200 | 100 | 1000 |
| DR14-206B-C* | | .54 | .25 | .12 | .55 | .205/.187 x .020 | | 100 | 1000 |
| DR14-250B-C | | .55 | .30 | .12 | .55 | .250 x .032 | | 100 | 1000 |

*Not CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.

For crimping tool information, see page D1.71.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

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A. System Overview

Piggyback Disconnect, Vinyl Insulated

Type DV-P

B1. Cable Ties

- Insulation grip sleeve
- Female and male tabs combined in one disconnect
- Allows additional circuits to be added to existing equipment or ability to add future circuits – no costly rework or product changes needed

B2. Cable Accessories

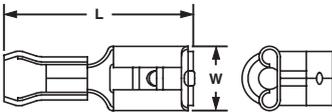


B3. Stainless Steel

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------|-------------------------|-----|-------------|----------------------------------|------------------|----------------|
| | | | | L | W | | | | |
| DV18-250P-C | 22-18 AWG | Red | .130 | .88 | .29 | .250 x .032 | CT-100, CT-260, CT-1550, CT-1551 | 100 | 1000 |
| DV14-250P-C | 16-14 AWG | Blue | .160 | .88 | .29 | .250 x .032 | | 100 | 1000 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000. For crimping tool information, see [pages D1.71](#) and [D1.72](#).

C1. Wiring Duct



C2. Surface Raceway

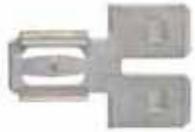
Disconnect Adapter, Non-Insulated

Type D-A

C3. Abrasion Protection

- Couples two female disconnects to one male disconnect (all .250 x .032)

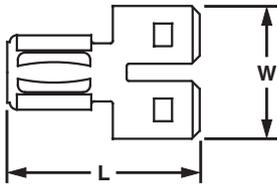
C4. Cable Management



| Part Number | Figure Dimensions (In.) | | Tab Size | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-----------------|-------------------------|-----|-------------|------------------|----------------|
| | L | W | | | |
| D-250A-C | .82 | .57 | .250 x .032 | 100 | 1000 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.

D1. Terminals



D2. Power & Grounding Connectors

E1. Labeling System



Male Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DNF-M

E2. Labels

- Insulation grip sleeve

E3. Pre-Printed & Write-On Markers



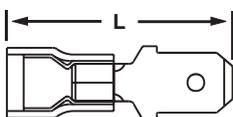
| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------------|------------|------------|-----------|-------------------------|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | W | | | | |
| DNF18-250M-C | 22-18 AWG | Red | .136 | .90 | .29 | .250 x .032 | CT-1550, CT-1551 | 100 | 1000 |
| DNF14-250M-C | 16-14 AWG | Blue | .162 | .90 | .29 | .250 x .032 | | 100 | 1000 |
| DNF10-250M-L* | 12-10 AWG | Yellow | .230 | 1.03 | .29 | .250 x .032 | | 50 | 500 |

*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [page D1.72](#).

E4. Lockout/Tagout & Safety Solutions



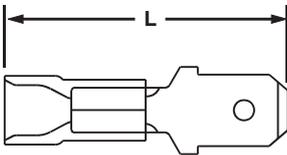
F. Index



Male Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DV-MB

- Butted seam



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|---------------------|------------|------------|-----------|-------------------------|-------------|-------------------------------|------------------|----------------|
| | | | | L | Tab Size | | | |
| DV18-250MB-C | 22-18 AWG | Red | .154 | .98 | .250 x .032 | CT-1550, CT-1551 | 100 | 500 |
| DV14-250MB-C | 16-14 AWG | Blue | .180 | .96 | .250 x .032 | | 100 | 500 |
| DV10-250M-L* | 12-10 AWG | Yellow | .235 | .98 | .250 x .032 | | 50 | 500 |

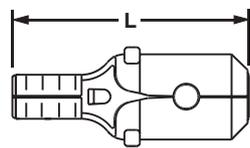
*Not UL Listed or CSA Certified.

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [page D1.72](#).

Male Disconnect, Non-Insulated – Butted Seam

Type D-MB



| Part Number | Wire Range | Figure Dimensions (In.) | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|-------------------------|-------------|---|------------------|----------------|
| | | L | Tab Size | | | |
| D18-250MB-C | 22-18 AWG | .69 | .250 x .032 | CT-100 | 100 | 500 |
| D14-250MB-C | 16-14 AWG | .69 | .250 x .032 | | 100 | 500 |
| D10-250M-L* | 12-10 AWG | .72 | .250 x .032 | CT-100, CT-200, CT-260, CT-1570, CT-600 | 50 | 500 |

* Brazed seam.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [pages D1.71](#), [D1.72](#), and [D1.74](#).

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E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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Selection Guide – Specialty Terminals



| Material | Style | Feature | Type | Page Number |
|---------------|----------------|--------------------|------|--------------|
| Vinyl | Pin Terminal | Insulation Support | PV-P | D1.43 |
| | Blade Terminal | Insulation Support | DV-M | D1.48 |
| Non-Insulated | Pin Terminal | Brazed Seam | P-P | D1.43 |
| | Blade Terminal | Brazed Seam | D-M | D1.48 |

Male Blade Adapter, Vinyl Insulated – Funnel Entry

Type DV-M

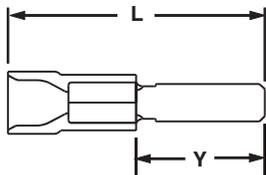
- Brazed seam
- For blade-type terminal blocks
- Insulation support



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------|-------------------------|-----|-------------|-------------------------------|------------------|----------------|
| | | | | L | Y | | | | |
| DV18-145M-C | 22-18 AWG | Red | .150 | .97 | .42 | .145 x .032 | CT-600, CT-1550‡, CT-1551‡ | 100 | 500 |
| DV14-145M-C | 16-14 AWG | Blue | .170 | .97 | .42 | .145 x .032 | | 100 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.72 and D1.74](#).



Male Blade Adapter, Non-Insulated

Type D-M

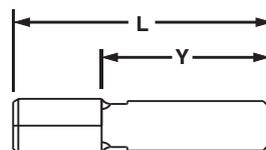
- Brazed seam
- For blade-type terminal blocks



| Part Number | Wire Range | Figure Dimensions (In.) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-------------------|------------|-------------------------|-----|-------------|------------------------------------|------------------|----------------|
| | | L | Y | | | | |
| D18-145M-C | 22-18 AWG | .75 | .42 | .145 x .032 | CT-100‡, CT-200‡, CT-600, CT-1570‡ | 100 | 500 |
| D14-145M-C | 16-14 AWG | .75 | .42 | .145 x .032 | | 100 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).



Features and Benefits – PAN-TERM® Metric Disconnects

Metric Nylon Fully Insulated Female and Male Tabs Type DMNF-FIB

Available in tab sizes to accommodate 2.8, 4.8 and 6.3mm tabs

Fully insulated design provides protection from electrical shorts

Expanded wire entry (on select sizes) accommodates large insulation or multiple wires

Maximum insulation temperature 125°C (257°F)

Insulation support restricts excessive wire movement to minimize stress on crimp joint

Funnel entry for faster wire insertion and lower installed cost

Rated at 600V.

Nylon Barrel Insulated Female Receptacles and Male Tabs Type DMNF

Available in tab sizes to accommodate 2.8, 4.8 and 6.3mm tabs

Maximum insulation temperature 90°C (194°F)

Funnel entry for faster wire insertion and lower installed cost

Rated at 600V.

Vinyl Barrel Insulated Female Receptacles Type DMV

Available in tab sizes to accommodate 2.8, 4.8 and 6.3mm tabs

Maximum insulation temperature 105°C (221°F)

Insulation grip sleeve provides a superior insulation crimp for high vibration and high strain relief applications

Insulation support to protect electrical crimp

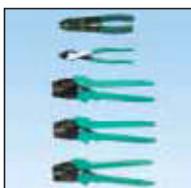
Rated at 600V.
Flammability UL94V-0.

Non-Insulated Female Receptacles and Male Tabs Type DM

Available in tab sizes to accommodate 2.8, 4.8 and 6.3mm tabs

Maximum recommended operating temperature 150°C (302°F)

Sleeved barrel assures crimp reliability



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See [pages D1.71 – D1.74](#).



PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See [pages E1.1 – E2.30](#).

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B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

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E4. Lockout/Tagout & Safety Solutions

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A. System Overview

Part Number System for PAN-TERM® Metric Disconnects

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

| DM | NF | 1 | — | 285 | FIB | — | C |
|--|--|---|---|---|---|---|---|
| Type | Insulation | Wire Range | | Size & Type | Special Configuration | | Package Size |
| DM = PAN-TERM® Disconnect Metric | N = Nylon NF = Nylon Funnel V = Vinyl | 1 = .5–1.0mm ² 2 = 1.5–2.5mm ² 6 = 4.0–6.0mm ² | | 285 = 2.8mm x .5mm 288 = 2.8mm x .8mm 488 = 4.8mm x .8mm 63 = 6.3mm x .8mm | B = Butted Seam FI = Fully Insulated Female FIB = Fully Insulated Butted Seam Female FIM = Fully Insulated Male M = Male MB = Butted Seam Male | | X = 10 E = 20 Q = 25 L = 50 C = 100 |

C2. Surface Raceway

Female Metric Disconnect, Fully Insulated Nylon – Funnel Entry Type DMNF-FIB

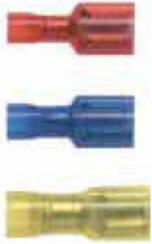
- Insulation support
- Internal wire stop

C3. Abrasion Protection

C4. Cable Management

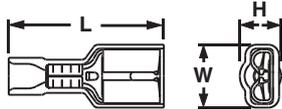
D1. Terminals

D2. Power & Grounding Connectors



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|------------------|------------|------------|-----------|------------------------|-----|-----|----------|-------------------------------|----------------|----------------|
| | | | | L | W | H | | | | |
| DMNF1-285FIB-C | .5-1.0 | Red | 3.05 | 18.0 | 4.8 | 4.1 | 2.8 x .5 | CT-1525 | 100 | 500 |
| DMNF1-288FIB-C | | | 3.05 | 18.0 | 4.8 | 4.1 | 2.8 x .8 | | 100 | 500 |
| DMNF1-488FIB-C** | | | 3.35 | 19.8 | 7.9 | 5.5 | 4.8 x .8 | | 100 | 1000 |
| DMNF1-63FIB-C | .5-1.0 | Blue | 3.35 | 21.3 | 8.9 | 5.5 | 6.3 x .8 | | 100 | 500 |
| DMNF2-488FIB-C** | | | 3.96 | 19.8 | 7.9 | 5.5 | 4.8 x .8 | | 100 | 1000 |
| DMNF2-63FIB-C | | | 3.96 | 21.3 | 8.9 | 5.5 | 6.3 x .8 | | 100 | 500 |
| DMNF6-63FI-L | 2.5-6.0 | Yellow | 5.84 | 24.4 | 8.9 | 6.9 | 6.3 x .8 | CT-1551 | 50 | 250 |

**Only DMNF1-488FIB and DMNF2-488FIB are available in bulk; to order, replace -C in the part number with -M for a bulk package of 1000.
For crimping tool information, see [page D1.72](#).



E1. Labeling System

Female Metric Disconnect, Nylon Barrel Insulated – Funnel Entry Type DMNF

- Insulation grip sleeve

E2. Labels

E3. Pre-Printed & Write-On Markers

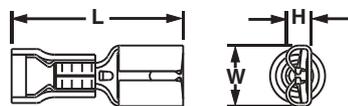
E4. Lockout/Tagout & Safety Solutions

F. Index



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|------------------------|------|-----------|----------|-------------------------------|----------------|----------------|
| | | | | L | W | H | | | | |
| DMNF1-285-C | .5-1.0 | Red | 2.50 | 17.8 | 3.8 | 2.0 | 2.8 x .5 | CT-1551 | 100 | 500 |
| DMNF1-288-C | | | 2.50 | 17.6 | 3.8 | 2.0 | 2.8 x .8 | | 100 | 500 |
| DMNF1-488-C | | | 3.60 | 19.6 | 5.8 | 2.5 | 4.8 x .8 | | 100 | 500 |
| DMNF1-63-C | .5-1.5 | Blue | 3.58 | 20.7 | 7.4 | 3.05 | 6.3 x .8 | | 100 | 500 |
| DMNF2-288-C | | | 4.20 | 18.8 | 3.8 | 2.0 | 2.8 x .8 | | 100 | 500 |
| DMNF2-488-C | | | 1.5-2.5 | 4.20 | 19.6 | 5.8 | 2.5 | | 4.8 x 0.8 | 100 |
| DMNF2-63-C | 4.22 | 21.1 | | 7.4 | 3.05 | 6.3 x 0.8 | 100 | 500 | | |

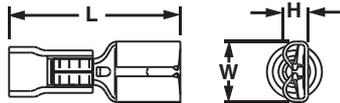
For crimping tool information, see [page D1.72](#).



Female Metric Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DMV

- Sleeved barrel



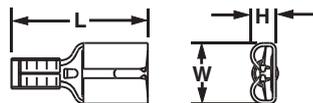
| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------|-----------|------------------------|-----|-----|----------|-------------------------------|----------------|----------------|
| | | | | L | W | H | | | | |
| DMV6-63-L | 2.5-6.0 | Yellow | 5.80 | 25.7 | 7.6 | 3.3 | 6.3 x .8 | CT-1551 | 50 | 250 |

For crimping tool information, see [page D1.72](#).

Female Metric Disconnect, Non-Insulated – Metal Sleeve

Type DM

- Sleeved barrel



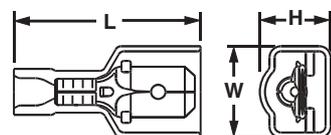
| Part Number | Wire Range | Figure Dimensions (mm) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|------------|------------------------|-----|-----|----------|-------------------------------|----------------|----------------|
| | | L | W | H | | | | |
| DM1-488-C | .5-1.0 | 15.0 | 5.9 | 2.5 | 4.8 x .8 | CT-1570 | 100 | 500 |
| DM1-63-C | .5-1.5 | 16.8 | 7.6 | 3.0 | 6.3 x .8 | | 100 | 500 |
| DM2-488-C | 1.5-2.5 | 15.0 | 5.9 | 2.5 | 4.8 x .8 | | 100 | 500 |
| DM2-63-C | 1.5-2.5 | 16.8 | 7.6 | 3.0 | 6.3 x .8 | | 100 | 500 |
| DM6-63-L | 2.5-6.0 | 18.2 | 7.6 | 3.0 | 6.3 x .8 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

Male Metric Disconnect, Fully Insulated Nylon – Funnel Entry

Type DMNF-FIM

- Insulation support



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|---------------|------------|------------|-----------|------------------------|-------|------|----------|-------------------------------|----------------|----------------|
| | | | | L | W | H | | | | |
| DMNF1-63FIM-C | .5-1.0 | Red | 3.38 | 22.9 | 10.29 | 7.03 | 6.3 x .8 | CT-1525 | 100 | 500 |
| DMNF2-63FIM-C | 1.5-2.5 | Blue | 4.01 | 22.9 | 10.41 | 7.05 | 6.3 x .8 | | 100 | 500 |

For crimping tool information, see [page D1.72](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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F. Index

A. System Overview

Male Metric Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DMNF-M

B1. Cable Ties

- Insulation grip sleeve

B2. Cable Accessories



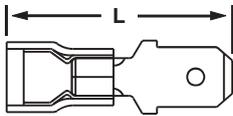
B3. Stainless Steel



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|--------------------|------------|------------|-----------|------------------------|--|----------|-------------------------------|----------------|----------------|
| | | | | L | | | | | |
| DMNF1-63M-C | .5-1.5 | Red | 3.96 | 22.7 | | 6.3 x .8 | CT-1551 | 100 | 500 |
| DMNF2-63M-C | 1.5-2.5 | Blue | 4.83 | 23.6 | | 6.3 x .8 | | 100 | 500 |
| DMNF6-63M-L | 2.5-6.0 | Yellow | 6.20 | 23.6 | | 6.3 x .8 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

C1. Wiring Duct



C2. Surface Raceway

Male Metric Disconnect, Non-Insulated – Butted Seam

Type DM-M

C3. Abrasion Protection



C4. Cable Management

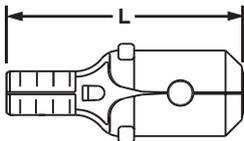


| Part Number | Wire Range | Figure Dimensions (mm) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------------|------------|------------------------|--|----------|-------------------------------|----------------|----------------|
| | | L | | | | | |
| DM1-63M-C | .5-1.5 | 19.2 | | 6.3 x .8 | CT-1570 | 100 | 500 |
| DM2-63M-C | 1.5-2.5 | 19.2 | | 6.3 x .8 | | 100 | 500 |
| DM6-63M-L* | 2.5-6.0 | 18.2 | | 6.3 x .8 | | 50 | 250 |

*Brazen seam.

For crimping tool information, see [page D1.72](#).

D1. Terminals



D2. Power & Grounding Connectors

E1. Labeling System

Piggyback Metric Disconnect, Vinyl Barrel Insulated

Type DMV-P

E2. Labels

- Insulation grip sleeve
- Female and male tabs combined in one disconnect
- Allows additional circuits to be added to existing equipment or ability to add future circuits – no costly rework or product changes needed

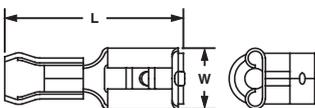
E3. Pre-Printed & Write-On Markers



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | | Tab Size | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------------|------------|------------|-----------|------------------------|-----|----------|-------------------------------|----------------|----------------|
| | | | | L | W | | | | |
| DMV1-63P-C | .5-1.5 | Red | 3.30 | 22.4 | 7.4 | 6.3 x .8 | CT-1551 | 100 | 500 |
| DMV2-63P-C | 1.5-2.5 | Blue | 4.06 | 22.4 | 7.4 | 6.3 x .8 | | 100 | 500 |

For crimping tool information, see [page D1.72](#).

E4. Lockout/Tagout & Safety Solutions



F. Index

PAN-TERM® SPLICES

PANDUIT® PAN-TERM® Splices are designed and manufactured for fast assembly, and long reliable performance. As the demand for splices increases, it becomes essential to provide a complete system for termination products. PANDUIT provides an extensive line of tooling designed specifically to provide optimum performance when used as a system for terminating.



Suitable for in-line, parallel and group splicing of wires

Nylon and vinyl insulated as well as non-insulated

Available in sizes from #26 AWG – #10 AWG

Internal wire stops on butt splices prevent over insertion of wires

Applicable sizes are UL Listed and CSA Certified, as noted

Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. PANDUIT offers a wide assortment of PAN-TERM® termination products to meet customer needs at the lowest installed cost.

Bundle

Route/Protect

Terminate

Identify

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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Features and Benefits – PAN-TERM® Splices and Wire Joints

Non-Insulated Wire Joints Type J

Only one crimp needed to complete splice

Maximum recommended operating temperature 150°C (302°F)



Internally beveled barrel for quick easy wire insertion



UL and CSA rated up to 600V.

Non-Insulated Parallel Splices Type PS

Seamless tubular barrel provides consistent high performance quality crimps

Maximum recommended operating temperature 150°C (302°F)



Only one crimp needed to complete splice



UL and CSA rated up to 300V.

Nylon Wire Joints Type JN

Fully insulated housing protects crimp joint

Maximum insulation temperature 105°C (221°F)



Only one crimp needed to complete splice

Deep skirt to accommodate multiple variations of wire combinations



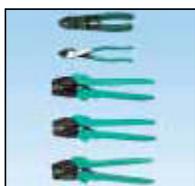
UL and CSA rated up to 600V
Metric versions available

Nylon Parallel Splices Type PSN

Maximum insulation temperature 105°C (221°F)



Only one crimp needed to complete splice



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See [pages D1.71 – D1.74](#).



PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See [pages E1.1 – E2.30](#).

Features and Benefits – PAN-TERM® Splices

Nylon Butt Splices Type BSN

Internal wire stops assure proper insertion length



Maximum insulation temperature 105°C (221°F)

Brazed seam assures crimp reliability



UL and CSA rated up to 600V.

Vinyl Butt Splices Type BSV

Internal wire stops assure proper insertion length



Maximum insulation temperature 105°C (221°F)

Brazed seam assures crimp reliability

Expanded wire entry accommodates larger insulation



UL and CSA rated up to 600V.
Flammability – UL94V-0.
Metric versions available.

Non-Insulated Butt Splices Type BS

Internal wire stops assure proper insertion length



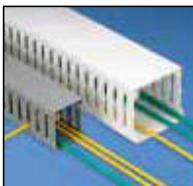
Brazed seam assures crimp reliability

Maximum recommended operating temperature 150°C (302°F)

Internally beveled barrel for quick easy wire insertion



UL and CSA rated up to 600V.
Metric versions available.



PANDUIT Wiring Duct offers a wide variety of sizes and types to meet the wire capacity needs and space constraints of the smallest wall mounted to the largest integrated systems.

See [pages C1.1 – C1.46](#).



A comprehensive selection of cable ties used to bundle, mount and identify wire and cable.

See [pages B1.1 – B1.116](#).

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

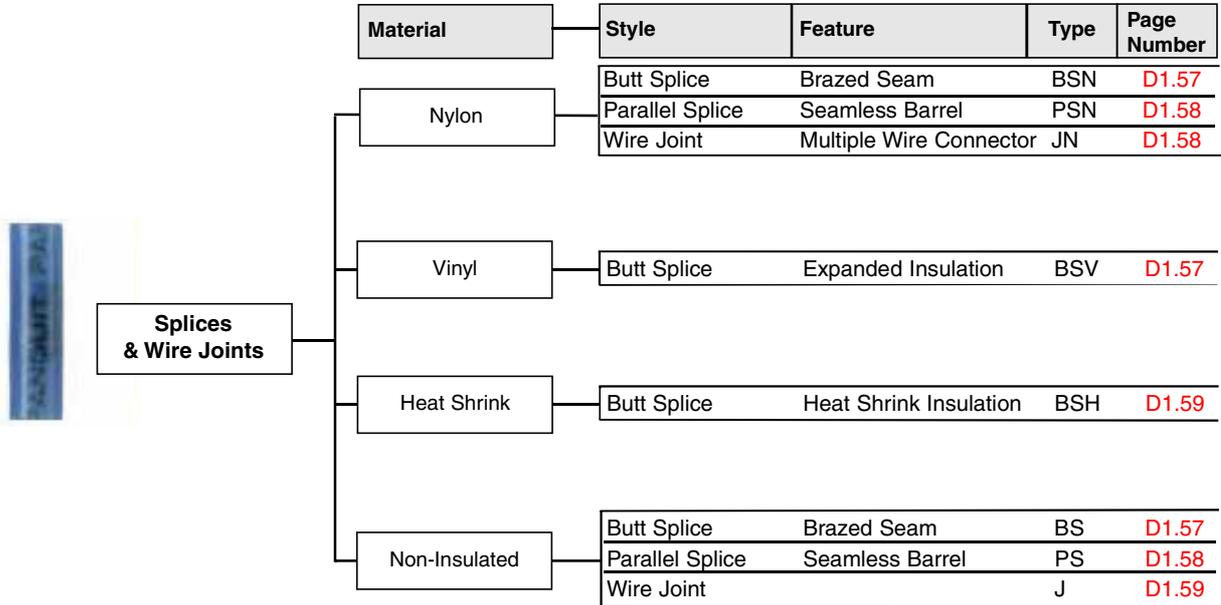
E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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Part Number System for PAN-TERM® Splices

BS

Type

BS = Butt Splice
PS = Parallel Splice

V

Insulation

N = Nylon
V = Vinyl

14

Wire Range

22 = #26-22
18 = #22-18
14 = #16-14
13 = #14-12
10 = #12-10

X

Special Configuration

X = Expanded Insulation

—

M

Standard Package Size

X = 10
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

Part Number System for PAN-TERM® Wire Joints

JN

Type

J = Non-Insulated
JN = Nylon-Insulated

418-212

Wire Range

J Types
214-312 = 2 #14-3 #12
318-412 = 3 #14-4 #12
216-410 = 2 #16-4 #10

JN Types
224-318 = 2 #24-3 #18
218-216 = 2 #18-2 #16
418-212 = 4 #18-2 #12
314-412 = 3 #14-4 #12

C

Standard Package Size

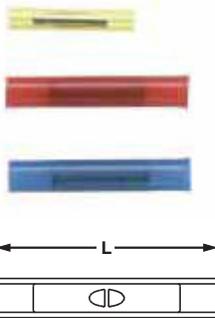
X = 10
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000



Butt Splice, Nylon Insulated

Type BSN

- Brazed seam
- Internal wire stops assure proper insertion length



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-----------------|------------|------------|-----------|-------------------------|----------------------------------|------------------|----------------|
| | | | | L | | | |
| BSN22-C* | 26-22 AWG | Yellow | .080 | .79 | CT-100, CT-1525 | 100 | 1000 |
| BSN18-C | 22-18 AWG | Red | .115 | 1.15 | CT-100, CT-600, CT-1550, CT-1551 | 100 | 1000 |
| BSN14-C | 16-14 AWG | Blue | .148 | 1.15 | CT-100, CT-600, CT-1550, CT-1551 | 100 | 1000 |
| BSN10-L | 12-10 AWG | Yellow | .210 | 1.14 | CT-100, CT-600, CT-1550, CT-1551 | 50 | 500 |

*Not UL Listed.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

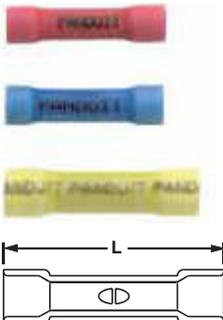
For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).



Butt Splice, Vinyl Insulated

Type BSV

- Expanded insulation
- Insulation support
- Internal wire stops assure proper insertion length



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|-----------------|------------|------------|-----------|-------------------------|----------------------------------|------------------|----------------|
| | | | | L | | | |
| BSV18X-C | 22-18 AWG | Red | .170 | 1.03 | CT-100, CT-600, CT-1550, CT-1551 | 100 | 1000 |
| BSV14X-C | 16-14 AWG | Blue | .200 | 1.04 | | 100 | 1000 |
| BSV10X-L | 12-10 AWG | Yellow | .250 | 1.18 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).



Butt Splice, Non-Insulated

Type BS

- Brazed seam
- Internal wire stops assure proper insertion length



| Part Number | Wire Range | Figure Dimensions (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------|------------|-------------------------|---|------------------|----------------|
| | | L | | | |
| BS22-C* | 26-22 AWG | .47 | CT-100 | 100 | 1000 |
| BS18-C | 22-18 AWG | .62 | CT-100, CT-200, CT-600, CT-1570 | 100 | 1000 |
| BS14-C | 16-14 AWG | .62 | CT-100, CT-200, CT-600, CT-1570 | 100 | 1000 |
| BS10-L | 12-10 AWG | .63 | CT-100, CT-200, CT-600, CT-1570, CT-1701‡ | 50 | 500 |

*Not UL Listed.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71, D1.72 and D1.74](#).

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Parallel Splice, Nylon Insulated

Type PSN

- Only one crimp needed to complete splice

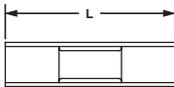
B1. Cable Ties



B2. Cable Accessories



B3. Stainless Steel



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|----------------|------------|------------|-----------|-------------------------|--|-------------------------|-------------------------------|------------------|----------------|
| | | | | L | | | | | |
| PSN18-C | 22-18 AWG | Red | .120 | .75 | | 5/16 | CT-100, CT-1525 | 100 | 500 |
| PSN16-C | 20-16 AWG | Blue | .150 | .75 | | 5/16 | | 100 | 500 |
| PSN12-L | 14-12 AWG | Yellow | .210 | .83 | | 7/16 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [pages D1.71 and D1.72](#).

C1. Wiring Duct



Parallel Splice, Non-Insulated

Type PS

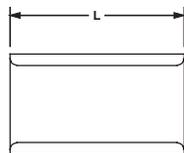
- Only one crimp needed to complete splice

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|---------------|------------|------------|-----------|-------------------------|--|-------------------------|-------------------------------|------------------|----------------|
| | | | | L | | | | | |
| PS18-C | 22-18 AWG | — | — | .29 | | 5/16 | CT-100, CT-200 | 100 | 500 |
| PS16-C | 20-16 AWG | — | — | .29 | | 5/16 | | 100 | 500 |
| PS12-L | 14-12 AWG | — | — | .38 | | 7/16 | | 50 | 500 |

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see [page D1.71](#).

D1. Terminals

D2. Power & Grounding Connectors



Wire Joint, Nylon Insulated

Type JN

- Wire joints are used to crimp groups of wires
- Fully pre-insulated to prevent shorting and shocks

E1. Labeling System

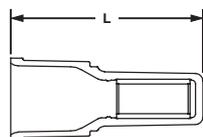
E2. Labels



E3. Pre-Printed & Write-On Markers



E4. Lockout/Tagout & Safety Solutions



| Part Number | Wire Range | Color Code | CMA Range | | Figure Dimensions (In.) | | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|---------------------|-------------------|------------|-----------|-------|-------------------------|--|-------------------------|-------------------------------|------------------|----------------|
| | | | Min. | Max. | L | | | | | |
| JN224-318-C | (2) #24 – (2) #16 | Red | 808 | 5160 | .79 | | 7/16 | CT-1550‡, CT-1551‡ | 100 | 1000 |
| JN218-216-C | (2) #22 – (2) #16 | Clear | 1284 | 5160 | .78 | | 7/16 | CT-1550‡, CT-1551‡ | 100 | 1000 |
| JN418-212-C | (4) #18 – (2) #12 | Clear | 6480 | 14750 | .93 | | 1/2 | CT-100‡, CT-1550‡, CT-1551‡ | 100 | 1000 |
| JN314-412-C* | (3) #14 – (4) #12 | Clear | 10320 | 26120 | .97 | | 5/8 | CT-100‡, CT-160‡, CT-260‡ | 100 | 1000 |

*Not UL Listed.

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000, with exception of JN418-212-C, replace -C with -D for bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see [pages D1.71 and D1.72](#).
Note: Wire combinations using #24 AWG wire are not UL Listed or CSA Certified.

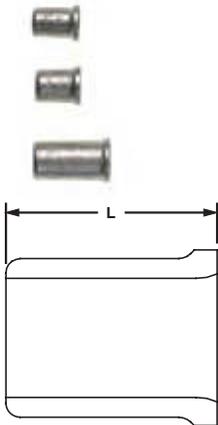
F. Index



Wire Joint, Non-Insulated

Type J

- Non-insulated



| Part Number | Wire Range | Color Code | CMA Range | | Figure Dimensions (In.) | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------------|---------------------|------------|-----------|-------|-------------------------|-------------------------|-------------------------------|------------------|----------------|
| | | | Min. | Max. | L | | | | |
| J214-312-T | (2) #14- (3) #12 | — | 5760 | 19590 | .37 | 1/2 | CT-100‡, CT-200‡ | 200 | 2000 |
| J318-412-T | (3) #18- (4) #12 | — | 4860 | 27330 | .37 | 1/2 | CT-100‡, CT-200‡ | 200 | 2000 |
| J216-410-L* | (2) #16- (4) #10 | — | 41600 | 41600 | .62 | 3/4 | CT-100‡, CT-200‡ | 50 | 500 |

*Part number J216-410, is not UL Listed or CSA Certified.

**To order in bulk, replace -T in the part number with -2M for a bulk package of 2000 and replace -L with -D for a bulk package of 500.

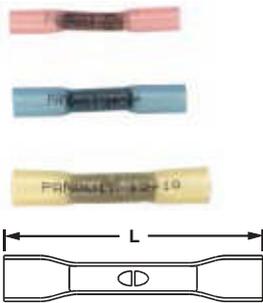
‡UL and CSA approved tooling/product combinations. For crimping tool information, see [page D1.71](#).



Heat Shrink, Butt Splices

Type BSH

- Form a protective barrier that provides environmentally sealed terminations
- Provide excellent strain relief for improved crimp integrity
- After crimping, heat shrink insulation is activated with a standard heat gun or an open flame
- Adhesive lined heat shrink



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-----------------|--------------|------------|-----------|-------------------------|-------------------------|-------------------------------|----------------|----------------|
| | | | | L | | | | |
| BSH18-Q | 22-18 AWG | Red | .170 | 1.45 | 5/16 | CT-310 | 25 | 125 |
| BSH14-Q* | 16-14 AWG | Blue | .190 | 1.45 | 5/16 | CT-310 | 25 | 125 |
| BSH10-E | 12-10 AWG | Yellow | .240 | 1.64 | 5/16 | CT-310 | 20 | 100 |

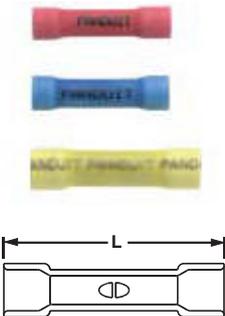
**Available in bulk, to order, replace -Q in the part number with -D for a bulk package of 500.

For crimping tool information, see [page D1.72](#).

Metric Butt Splice, Vinyl Insulated

Type BSMV

- Expanded insulation
- Insulation support
- Internal wire stops
- Butted seam



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (mm) | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|---------------------|------------|------------|-----------|------------------------|-------------------------------|----------------|----------------|
| | | | | L | | | |
| BSMV1BX-CY** | .5-1.0 | Red | 4.3 | 26.4 | CT-1551 | 100 | 500 |
| BSMV2BX-C** | 1.5-2.5 | Blue | 5.1 | 26.4 | CT-1551 | 100 | 500 |
| BSMV6X-L* | 4.0-6.0 | Yellow | 6.4 | 30.0 | CT-1551 | 50 | 250 |

*Brazed seam.

**Available in bulk, to order, replace -C in the part number with -M or -MY for a bulk package of 1000.

For crimping tool information, see [page D1.72](#).

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E4. Lockout/Tagout & Safety Solutions

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A. System Overview

Metric Butt Splice, Non-Insulated

Type BSM

- Brazed seam
- Internal wire stops

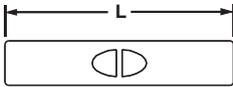
B1. Cable Ties

B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

Metric Wire Joints, Nylon Insulated

Type JMN

- Wire joints are used to crimp groups of wires
- Fully pre-insulated to prevent shorting and shocks
- Insulation support

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

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| Part Number | Wire Range | Figure Dimensions (mm) | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|---------------|------------|------------------------|-------------------------------|----------------|----------------|
| | | L | | | |
| BSM1-C | .5-1.0 | 15.7 | CT-1570 | 100 | 500 |
| BSM2-C | 1.5-2.5 | 15.7 | | 100 | 500 |
| BSM6-L | 2.5-6.0 | 18.2 | | 50 | 250 |

For crimping tool information, see [page D1.72](#).

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

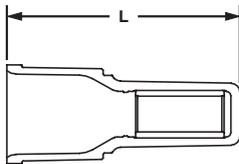
E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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| Part Number | Wire Range | Color Code | CMA Range Min. | CMA Range Max. | Figure Dimensions (mm) | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|---------------|------------|------------|----------------|----------------|------------------------|-------------------------------|----------------|----------------|
| | | | | | L | | | |
| JMN2-C | .5-2.5 | Clear | 1284 | 5160 | 19.9 | CT-1551 | 100 | 500 |
| JMN6-C | .75-6.0 | Clear | 6480 | 14750 | 23.9 | CT-1551 | 100 | 500 |

For crimping tool information, see [page D1.72](#).



PAN-TERM® FERRULES

PANDUIT® PAN-TERM® Ferrule end sleeves terminate stranded wire into terminal blocks with superior termination performance. A wide assortment of ferrule styles and tool designs provide a proven way to make reliable connections, especially for limited space applications. Insulation flare allows for ease of wire insertion and eliminates loose strands of wire. Encapsulated crimp contains loose wires to eliminate stray wire breakage.



**Insulated single wire range of #26 – #1 AWG,
sizes meets French and DIN color code standards**
**Insulated twin wire end sleeve range of #22 – #10 AWG,
sizes meets DIN color code standard**
Non-insulated wire range of #24 – #1 AWG
Ideal for control panel and terminal block applications
**Wide assortment of controlled cycle, crimping tools for
reliable connections at the lowest installed cost**

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. PANDUIT offers a wide assortment of PAN-TERM® termination products to meet customer needs at the lowest installed cost.

Bundle

Route/Protect

Terminate

Identify

A. System Overview

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B2. Cable Accessories

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A. System Overview

Features and Benefits – PAN-TERM® Ferrules

B1. Cable Ties

PANDUIT Ferrules are available for wiring applications from #26 AWG to #1 AWG. Offerings include insulated and non-insulated ferrules, in single-wire or double-wire configurations. Insulated ferrules are color coded to DIN or French standards.

B2. Cable Accessories

B3. Stainless Steel

Insulated Ferrules – Single Wire Type FSF and FSD

Seamless tubular barrel provides consistent quality crimps



Maximum insulation temperature 89°C (192°F)

Color coded polypropylene identifies wire range. (German and French codes available)

C1. Wiring Duct

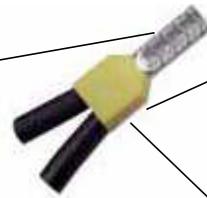
C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Insulated Ferrules – Twin Wire Type FTD

Oversized seamless tubular barrel provides consistent, high performance quality crimps for two wire applications



Maximum insulation temperature 89°C (192°F)

Color coded polypropylene identifies wire range. (German and French codes available)

D1. Terminals

Non-Insulated Ferrules

Type F

Seamless tubular barrel provides consistent quality crimps



Maximum operating temperature 89°C (192°F)

Internally beveled barrel for quick easy wire insertion

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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PANDUIT provides a wide assortment of crimping tools for reliable connections at the lowest installed cost.

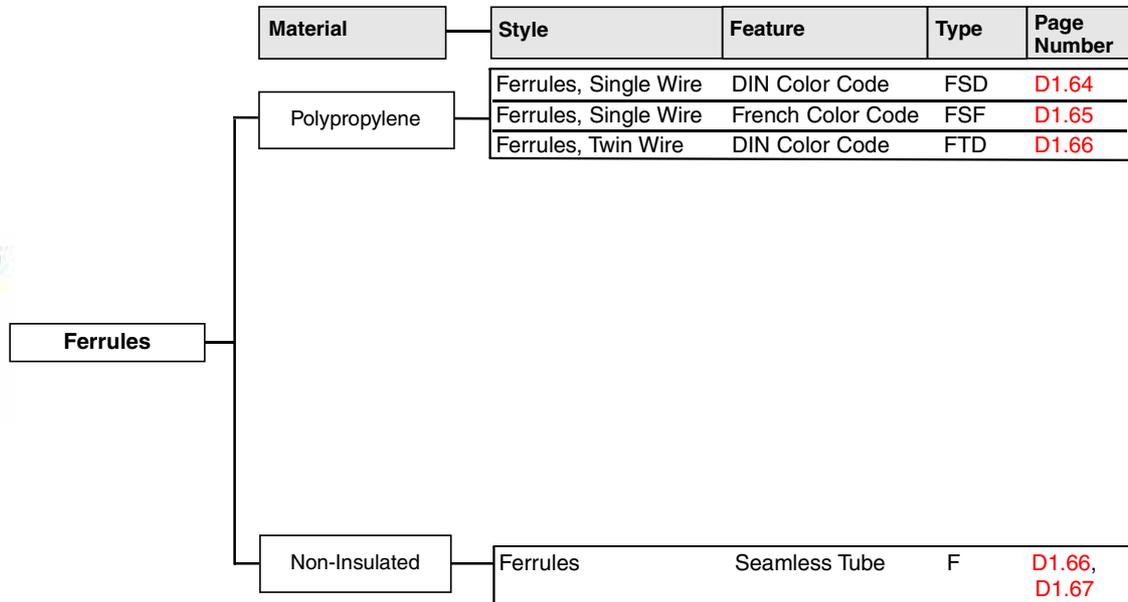
See [page D1.73](#).



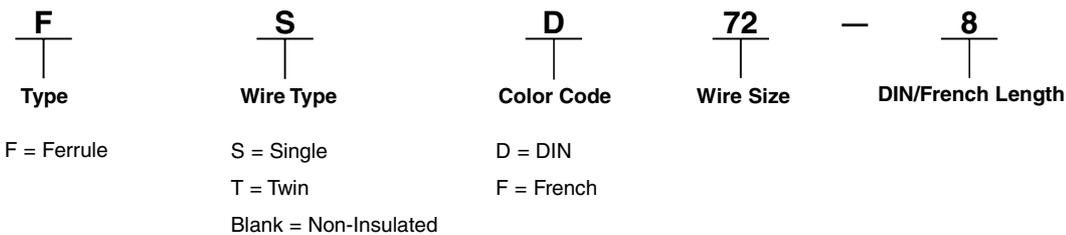
PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See [pages E1.1 – E2.30](#).

Selection Guide – PAN-TERM® Ferrules



Part Number System for PAN-TERM® Ferrules



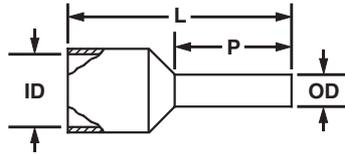
- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
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- E3. Pre-Printed & Write-On Markers
- E4. Lockout/Tagout & Safety Solutions
- F. Index

A. System Overview

Insulated Ferrules – Single Wire DIN End Sleeve

Type FSD

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications



B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

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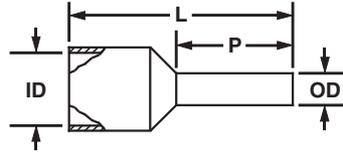
| Part Number | Wire Size | | Color Code | Figure Dimensions (In.) | | | | | | | | Wire Strip Length | | Recommended Installation Tool | Std. Pkg. Qty. |
|-------------------|-----------|-----------------|------------|-------------------------|------|-----|------|-----|------|-----|------|-------------------|------|-------------------------------|----------------|
| | AWG | mm ² | | L | | P | | ID | | OD | | In. | mm | | |
| | In. | mm | | In. | mm | In. | mm | In. | mm | In. | mm | | | | |
| FSD72-6-D | 26 AWG | .14 | Gray | .41 | 10.5 | .24 | 6.0 | .08 | 2.0 | .05 | 1.3 | 3/8 | 9.5 | CT-1002 | 500 |
| FSD72-8-D | | | | .49 | 12.5 | .31 | 8.0 | .08 | 2.0 | .05 | 1.3 | 15/32 | 11.9 | | 500 |
| FSD73-6-D | 24 AWG | .25 | Yellow | .41 | 10.5 | .24 | 6.0 | .08 | 2.0 | .05 | 1.3 | 3/8 | 9.5 | CT-1002 | 500 |
| FSD73-8-D | | | | .49 | 12.5 | .31 | 8.0 | .08 | 2.0 | .05 | 1.3 | 15/32 | 11.9 | | 500 |
| FSD74-6-D | | .34 | Turquoise | .41 | 10.5 | .24 | 6.0 | .08 | 2.0 | .05 | 1.3 | 3/8 | 9.5 | | 500 |
| FSD74-8-D | | | | .49 | 12.5 | .31 | 8.0 | .08 | 2.0 | .05 | 1.3 | 15/32 | 11.9 | | 500 |
| FSD75-6-D | 22 AWG | .50 | White | .45 | 11.5 | .24 | 6.0 | .10 | 2.5 | .06 | 1.4 | 3/8 | 9.5 | CT-1002 | 500 |
| FSD75-8-D | | | | .53 | 13.5 | .31 | 8.0 | .10 | 2.5 | .06 | 1.4 | 15/32 | 11.9 | | 500 |
| FSD75-10-D | | | | .61 | 15.5 | .39 | 10.0 | .10 | 2.5 | .06 | 1.4 | 17/32 | 13.5 | | 500 |
| FSD76-6-D | 20 AWG | .75 | Gray | .47 | 12.0 | .24 | 6.0 | .11 | 2.8 | .06 | 1.6 | 3/8 | 9.5 | CT-1002 | 500 |
| FSD76-8-D | | | | .55 | 14.0 | .31 | 8.0 | .11 | 2.8 | .06 | 1.6 | 15/32 | 11.9 | | 500 |
| FSD76-10-D | 18 AWG | 1.00 | Red | .63 | 16.0 | .39 | 10.0 | .11 | 2.8 | .06 | 1.6 | 17/32 | 13.5 | CT-1002, CT-1003 | 500 |
| FSD76-12-D | | | | .71 | 18.0 | .47 | 12.0 | .11 | 2.8 | .06 | 1.6 | 5/8 | 15.9 | | 500 |
| FSD77-6-D | 16 AWG | 1.50 | Black | .49 | 12.5 | .24 | 6.0 | .12 | 3.0 | .07 | 1.8 | 3/8 | 9.5 | CT-1002, CT-1003 | 500 |
| FSD77-8-D | | | | .57 | 14.5 | .31 | 8.0 | .12 | 3.0 | .07 | 1.8 | 15/32 | 11.9 | | 500 |
| FSD77-10-D | | | | .65 | 16.5 | .39 | 10.0 | .12 | 3.0 | .07 | 1.8 | 17/32 | 13.5 | | 500 |
| FSD77-12-D | | | | .73 | 18.5 | .47 | 12.0 | .12 | 3.0 | .07 | 1.8 | 5/8 | 15.9 | | 500 |
| FSD78-6-D | 14 AWG | 2.08 | Yellow | .49 | 12.5 | .24 | 6.0 | .13 | 3.4 | .08 | 2.1 | 3/8 | 9.5 | CT-1002, CT-1003 | 500 |
| FSD78-8-D | | | | .57 | 14.5 | .31 | 8.0 | .13 | 3.4 | .08 | 2.1 | 15/32 | 11.9 | | 500 |
| FSD78-10-D | | | | .65 | 16.5 | .39 | 10.0 | .13 | 3.4 | .08 | 2.1 | 17/32 | 13.5 | | 500 |
| FSD78-12-D | | | | .73 | 18.5 | .47 | 12.0 | .13 | 3.4 | .08 | 2.1 | 5/8 | 15.9 | | 500 |
| FSD78-18-D | 12 AWG | 4.00 | Gray | .96 | 24.5 | .71 | 18.0 | .13 | 3.4 | .08 | 2.1 | 7/8 | 22.2 | CT-1003, CT-1004 | 500 |
| FSD79-8-D | | | | .57 | 14.5 | .31 | 8.0 | .14 | 3.6 | .09 | 2.4 | 15/32 | 11.9 | | 500 |
| FSD80-8-D | 10 AWG | 6.00 | Yellow | .59 | 15.0 | .31 | 8.0 | .17 | 4.2 | .10 | 2.6 | 15/32 | 11.9 | CT-1003, CT-1004 | 500 |
| FSD80-12-D | | | | .75 | 19.0 | .47 | 12.0 | .17 | 4.2 | .10 | 2.6 | 5/8 | 15.9 | | 500 |
| FSD80-18-D | 8 AWG | 10.0 | Red | .98 | 25.0 | .71 | 18.0 | .17 | 4.2 | .10 | 2.6 | 7/8 | 22.2 | CT-1004 | 500 |
| FSD81-10-D | | | | .69 | 17.5 | .39 | 10.0 | .19 | 4.8 | .13 | 3.3 | 17/32 | 13.5 | | 500 |
| FSD81-12-C | 6 AWG | 16.0 | Blue | .79 | 20.0 | .47 | 12.0 | .19 | 4.8 | .13 | 3.3 | 5/8 | 15.9 | CT-1004 | 100 |
| FSD81-18-C | | | | 1.02 | 26.0 | .71 | 18.0 | .19 | 4.8 | .13 | 3.3 | 7/8 | 22.2 | | 100 |
| FSD82-12-C | 4 AWG | 25.0 | Yellow | .79 | 20.0 | .47 | 12.0 | .24 | 6.2 | .16 | 4.0 | 5/8 | 15.9 | CT-1005 | 100 |
| FSD82-18-C | | | | 1.02 | 26.0 | .71 | 18.0 | .24 | 6.2 | .16 | 4.0 | 7/8 | 22.2 | | 100 |
| FSD83-12-C | 2 AWG | 35.0 | Red | .83 | 21.0 | .47 | 12.0 | .30 | 7.5 | .20 | 5.0 | 5/8 | 15.9 | CT-1005 | 100 |
| FSD83-18-C | | | | 1.06 | 27.0 | .71 | 18.0 | .30 | 7.5 | .20 | 5.0 | 7/8 | 22.2 | | 100 |
| FSD84-12-C | 1 AWG | 50.0 | Blue | .91 | 23.0 | .47 | 12.0 | .35 | 8.8 | .25 | 6.4 | 5/8 | 15.9 | CT-1006 | 100 |
| FSD84-18-C | | | | 1.14 | 29.0 | .71 | 18.0 | .35 | 8.8 | .25 | 6.4 | 7/8 | 22.2 | | 100 |
| FSD85-16-L | 4 AWG | 25.0 | Yellow | 1.14 | 29.0 | .63 | 16.0 | .43 | 11.0 | .31 | 7.9 | 3/4 | 19.1 | CT-1005 | 50 |
| FSD85-18-L | | | | 1.22 | 31.0 | .71 | 18.0 | .43 | 11.0 | .31 | 7.9 | 7/8 | 22.2 | | 50 |
| FSD85-22-L | | | | 1.38 | 35.0 | .87 | 22.0 | .43 | 11.0 | .31 | 7.9 | 1 | 25.4 | | 50 |
| FSD86-16-L | 2 AWG | 35.0 | Red | 1.18 | 30.0 | .63 | 16.0 | .49 | 12.5 | .35 | 8.9 | 3/4 | 19.1 | CT-1005 | 50 |
| FSD86-18-L | | | | 1.26 | 32.0 | .71 | 18.0 | .49 | 12.5 | .35 | 8.9 | 7/8 | 22.2 | | 50 |
| FSD86-25-L | | | | 1.54 | 39.0 | .98 | 25.0 | .49 | 12.5 | .35 | 8.9 | 1 1/8 | 28.6 | | 50 |
| FSD87-20-L | 1 AWG | 50.0 | Blue | 1.42 | 36.0 | .79 | 20.0 | .59 | 15.0 | .44 | 11.1 | 15/16 | 23.8 | CT-1006 | 50 |
| FSD87-25-Q | | | | 1.61 | 41.0 | .98 | 25.0 | .59 | 15.0 | .44 | 11.1 | 1 1/8 | 28.6 | | 25 |

For crimping tool information, see [page D1.73](#).

Insulated Ferrules – Single Wire French End Sleeve

Type FSF

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications



| Part Number | Wire Size | | Color Code | Figure Dimensions (In.) | | | | | | | | Wire Strip Length | | Recommended Installation Tool | Std. Pkg. Qty. |
|-------------|-----------|-----------------|------------|-------------------------|------|-----|------|-----|------|-----|------|-------------------|------|-------------------------------|----------------|
| | AWG | mm ² | | L | | P | | ID | | OD | | In. | mm | | |
| | | | | In. | mm | In. | mm | In. | mm | In. | mm | | | | |
| FSF72-6-D | 26 AWG | .14 | Brown | .41 | 10.5 | .24 | 6.0 | .08 | 2.0 | .05 | 1.3 | 3/8 | 9.5 | CT-1002 | 500 |
| FSF72-8-D | | | | .49 | 12.5 | .31 | 8.0 | .08 | 2.0 | .05 | 1.3 | 15/32 | 11.9 | | 500 |
| FSF73-6-D | 24 AWG | .25 | Violet | .41 | 10.5 | .24 | 6.0 | .08 | 2.0 | .05 | 1.3 | 3/8 | 9.5 | CT-1002 | 500 |
| FSF73-8-D | | | | .49 | 12.5 | .31 | 8.0 | .08 | 2.0 | .05 | 1.3 | 15/32 | 11.9 | | 500 |
| FSF74-6-D | | .34 | Pink | .41 | 10.5 | .24 | 6.0 | .08 | 2.0 | .05 | 1.3 | 3/8 | 9.5 | | 500 |
| FSF74-8-D | | | | .49 | 12.5 | .31 | 8.0 | .08 | 2.0 | .05 | 1.3 | 15/32 | 11.9 | | 500 |
| FSF75-6-D | 22 AWG | .50 | White | .45 | 11.5 | .24 | 6.0 | .10 | 2.5 | .06 | 1.4 | 3/8 | 9.5 | CT-1002 | 500 |
| FSF75-8-D | | | | .53 | 13.5 | .31 | 8.0 | .10 | 2.5 | .06 | 1.4 | 15/32 | 11.9 | | 500 |
| FSF75-10-D | | | | .61 | 15.5 | .39 | 10.0 | .10 | 2.5 | .06 | 1.4 | 17/32 | 13.5 | | 500 |
| FSF76-6-D | 20 AWG | .75 | Blue | .47 | 12.0 | .24 | 6.0 | .11 | 2.8 | .06 | 1.6 | 3/8 | 9.5 | CT-1002, CT-1003 | 500 |
| FSF76-8-D | | | | .55 | 14.0 | .31 | 8.0 | .11 | 2.8 | .06 | 1.6 | 15/32 | 11.9 | | 500 |
| FSF76-10-D | | | | .63 | 16.0 | .39 | 10.0 | .11 | 2.8 | .06 | 1.6 | 17/32 | 13.5 | | 500 |
| FSF76-12-D | | | | .71 | 18.0 | .47 | 12.0 | .11 | 2.8 | .06 | 1.6 | 5/8 | 15.9 | | 500 |
| FSF77-6-D | 18 AWG | 1.00 | Red | .49 | 12.5 | .24 | 6.0 | .12 | 3.0 | .07 | 1.8 | 3/8 | 9.5 | CT-1002, CT-1003 | 500 |
| FSF77-8-D | | | | .57 | 14.5 | .31 | 8.0 | .12 | 3.0 | .07 | 1.8 | 15/32 | 11.9 | | 500 |
| FSF77-10-D | | | | .65 | 16.5 | .39 | 10.0 | .12 | 3.0 | .07 | 1.8 | 17/32 | 13.5 | | 500 |
| FSF77-12-D | | | | .73 | 18.5 | .47 | 12.0 | .12 | 3.0 | .07 | 1.8 | 5/8 | 15.9 | | 500 |
| FSF78-6-D | 16 AWG | 1.50 | Black | .49 | 12.5 | .24 | 6.0 | .13 | 3.4 | .08 | 2.1 | 3/8 | 9.5 | CT-1002, CT-1003 | 500 |
| FSF78-8-D | | | | .57 | 14.5 | .31 | 8.0 | .13 | 3.4 | .08 | 2.1 | 15/32 | 11.9 | | 500 |
| FSF78-10-D | | | | .65 | 16.5 | .39 | 10.0 | .13 | 3.4 | .08 | 2.1 | 17/32 | 13.5 | | 500 |
| FSF78-12-D | | | | .73 | 18.5 | .47 | 12.0 | .13 | 3.4 | .08 | 2.1 | 5/8 | 15.9 | | 500 |
| FSF78-18-D | | | | .96 | 24.5 | .71 | 18.0 | .13 | 3.4 | .08 | 2.1 | 7/8 | 22.2 | 500 | |
| FSF79-8-D | 14 AWG | 2.08 | Yellow | .57 | 14.5 | .31 | 8.0 | .14 | 3.6 | .09 | 2.4 | 15/32 | 11.9 | CT-1003, CT-1004 | 500 |
| FSF80-8-D | | 2.50 | Gray | .59 | 15.0 | .31 | 8.0 | .17 | 4.2 | .10 | 2.6 | 15/32 | 11.9 | | 500 |
| FSF80-12-D | | | | .75 | 19.0 | .47 | 12.0 | .17 | 4.2 | .10 | 2.6 | 5/8 | 15.9 | | 500 |
| FSF80-18-D | | | | .98 | 25.0 | .71 | 18.0 | .17 | 4.2 | .10 | 2.6 | 7/8 | 22.2 | | 500 |
| FSF81-10-D | 12 AWG | 4.00 | Orange | .69 | 17.5 | .39 | 10.0 | .19 | 4.8 | .13 | 3.3 | 17/32 | 13.5 | CT-1003, CT-1004 | 500 |
| FSF81-12-C | | | | .79 | 20.0 | .47 | 12.0 | .19 | 4.8 | .13 | 3.3 | 5/8 | 15.9 | | 100 |
| FSF81-18-C | | | | 1.02 | 26.0 | .71 | 18.0 | .19 | 4.8 | .13 | 3.3 | 7/8 | 22.2 | 100 | |
| FSF82-12-C | 10 AWG | 6.00 | Green | .79 | 20.0 | .47 | 12.0 | .24 | 6.2 | .16 | 4.0 | 5/8 | 15.9 | CT-1003, CT-1004 | 100 |
| FSF82-18-C | | | | 1.02 | 26.0 | .71 | 18.0 | .24 | 6.2 | .16 | 4.0 | 7/8 | 22.2 | | 100 |
| FSF83-12-C | 8 AWG | 10.0 | Brown | .83 | 21.0 | .47 | 12.0 | .30 | 7.5 | .20 | 5.0 | 5/8 | 15.9 | CT-1003, CT-1004 | 100 |
| FSF83-18-C | | | | 1.06 | 27.0 | .71 | 18.0 | .30 | 7.5 | .20 | 5.0 | 7/8 | 22.2 | | 100 |
| FSF84-12-C | 6 AWG | 16.0 | White | .91 | 23.0 | .47 | 12.0 | .35 | 8.8 | .25 | 6.4 | 5/8 | 15.9 | CT-1004 | 100 |
| FSF84-18-C | | | | 1.14 | 29.0 | .71 | 18.0 | .35 | 8.8 | .25 | 6.4 | 7/8 | 22.2 | | 100 |
| FSF85-16-L | 4 AWG | 25.0 | Black | 1.14 | 29.0 | .63 | 16.0 | .43 | 11.0 | .31 | 7.9 | 3/4 | 19.1 | CT-1005 | 50 |
| FSF85-18-L | | | | 1.22 | 31.0 | .71 | 18.0 | .43 | 11.0 | .31 | 7.9 | 7/8 | 22.2 | | 50 |
| FSF85-22-L | | | | 1.38 | 35.0 | .87 | 22.0 | .43 | 11.0 | .31 | 7.9 | 1 | 25.4 | | 50 |
| FSF86-16-L | 2 AWG | 35.0 | Red | 1.18 | 30.0 | .63 | 16.0 | .49 | 12.5 | .35 | 8.9 | 3/4 | 19.1 | CT-1005 | 50 |
| FSF86-18-L | | | | 1.26 | 32.0 | .71 | 18.0 | .49 | 12.5 | .35 | 8.9 | 7/8 | 22.2 | | 50 |
| FSF86-25-L | | | | 1.54 | 39.0 | .98 | 25.0 | .49 | 12.5 | .35 | 8.9 | 1 1/8 | 28.6 | | 50 |
| FSF87-20-L | 1 AWG | 50.0 | Blue | 1.42 | 36.0 | .79 | 20.0 | .59 | 15.0 | .44 | 11.1 | 15/16 | 23.8 | CT-1006 | 50 |
| FSF87-25-Q | | | | 1.61 | 41.0 | .98 | 25.0 | .59 | 15.0 | .44 | 11.1 | 1 1/8 | 28.6 | | 25 |

For crimping tool information, see [page D1.73](#).

A. System Overview

Insulated Ferrules – Twin Wire DIN End Sleeve

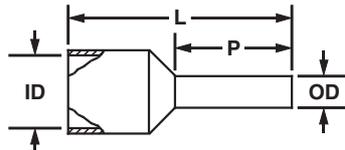
Type FTD

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Size | | Color Code | Figure Dimensions (In.) | | | | | | | | Wire Strip Length | | Recommended Installation Tool | Std. Pkg. Qty. |
|--------------------|-----------|-----------------|------------|-------------------------|------|-----|------|-----|-----|-----|-----|-------------------|------|-------------------------------|----------------|
| | AWG | mm ² | | L | | P | | ID | | OD | | In. | mm | | |
| | | | | In. | mm | In. | mm | In. | mm | In. | mm | | | | |
| FTD75-8-D | 22 AWG | .50 | White | .59 | 15.0 | .31 | 8.0 | .09 | 2.3 | .07 | 1.8 | 7/16 | 11.2 | CT-1002, CT-1003 | 500 |
| FTD76-8-D | | | | .59 | 15.0 | .31 | 8.0 | .10 | 2.5 | .08 | 2.1 | 7/16 | 11.2 | | 500 |
| FTD76-10-D | 20 AWG | .75 | Gray | .67 | 17.0 | .39 | 10.0 | .10 | 2.5 | .08 | 2.1 | 9/16 | 14.0 | CT-1002, CT-1003 | 500 |
| FTD77-8-D | | | | .59 | 15.0 | .31 | 8.0 | .12 | 3.0 | .09 | 2.4 | 7/16 | 11.2 | | 500 |
| FTD77-10-D | 18 AWG | 1.00 | Red | .67 | 17.0 | .39 | 10.0 | .12 | 3.0 | .09 | 2.4 | 9/16 | 14.0 | CT-1002, CT-1003 | 500 |
| FTD78-8-D | | | | .63 | 16.0 | .31 | 8.0 | .14 | 3.6 | .10 | 2.6 | 7/16 | 11.2 | | 500 |
| FTD78-12-D | 16 AWG | 1.50 | Black | .79 | 20.0 | .47 | 12.0 | .14 | 3.6 | .10 | 2.6 | 21/32 | 16.8 | CT-1002, CT-1003 | 500 |
| FTD80-10-TL | | | | .73 | 18.5 | .39 | 10.0 | .16 | 4.1 | .13 | 3.3 | 9/16 | 14.0 | | 250 |
| FTD80-13-TL | 14 AWG | 2.50 | Blue | .85 | 21.5 | .51 | 13.0 | .16 | 4.1 | .13 | 3.3 | 23/32 | 16.2 | CT-1002, CT-1003 | 250 |
| FTD81-12-C | | | | .91 | 23.0 | .47 | 12.0 | .19 | 4.8 | .17 | 4.2 | 21/32 | 16.8 | | 100 |
| FTD82-14-C | 10 AWG | 6.00 | Yellow | .98 | 25.0 | .55 | 14.0 | .23 | 5.8 | .20 | 5.0 | 25/32 | 19.6 | CT-1003, CT-1004 | 100 |

For crimping tool information, see [page D1.73](#).

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

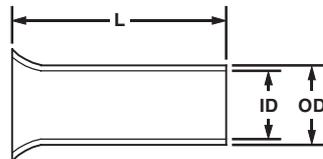
E4. Lockout/Tagout & Safety Solutions

F. Index

Ferrules, Non-Insulated

Type F

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications



| Part Number | Wire Size | | Figure Dimensions (In.) | | | | | | Wire Strip Length | | Recommended Installation Tool | Std. Pkg. Qty. |
|-----------------|-----------|-----------------|-------------------------|------|-----|-----|-----|-----|-------------------|------|-------------------------------|----------------|
| | AWG | mm ² | L | | ID | | OD | | In. | mm | | |
| | | | In. | mm | In. | mm | In. | mm | | | | |
| F73-5-M | 24 AWG | .25 | .20 | 5.00 | .03 | .80 | .04 | 1.1 | 7/32 | 5.00 | CT-1002, CT-1003 | 1000 |
| F73-7-M | | | .28 | 7.00 | .03 | .80 | .04 | 1.1 | 9/32 | 7.0 | | 1000 |
| F74-5-M | | | .20 | 5.00 | .04 | .90 | .05 | 1.2 | 7/32 | 5.0 | | 1000 |
| F74-7-M | 22 AWG | .34 | .28 | 7.00 | .04 | .90 | .05 | 1.2 | 9/32 | 7.0 | CT-1002, CT-1003 | 1000 |
| F75-6-M | | | .24 | 6.00 | .04 | 1.0 | .05 | 1.3 | 1/4 | 6.0 | | 1000 |
| F75-8-M | | | .31 | 8.00 | .04 | 1.0 | .05 | 1.3 | 5/16 | 8.0 | | 1000 |
| F75-10-M | 20 AWG | .50 | .39 | 10.0 | .04 | 1.0 | .05 | 1.3 | 13/32 | 10.0 | CT-1002, CT-1003 | 1000 |
| F76-6-M | | | .24 | 6.00 | .05 | 1.2 | .06 | 1.5 | 1/4 | 6.0 | | 1000 |
| F76-8-M | | | .31 | 8.00 | .05 | 1.2 | .06 | 1.5 | 5/16 | 8.0 | | 1000 |
| F76-10-M | 20 AWG | .75 | .39 | 10.0 | .05 | 1.2 | .06 | 1.5 | 13/32 | 10.0 | CT-1002, CT-1003 | 1000 |
| F76-12-M | | | .47 | 12.0 | .05 | 1.2 | .06 | 1.5 | 15/32 | 12.0 | | 1000 |

For crimping tool information, see [page D1.73](#).

Ferrules, Non-Insulated (continued)

| Part Number | Wire Size | | Figure Dimensions (In.) | | | | | | Wire Strip Length | | Recommended Installation Tool | Std. Pkg. Qty. |
|-------------|-----------|-----------------|-------------------------|------|-----|------|-------|-------|-------------------|------|-------------------------------|----------------|
| | | | L | | ID | | OD | | | | | |
| | AWG | mm ² | In. | mm | In. | mm | In. | mm | In. | mm | | |
| F77-6-M | 18 AWG | 1.00 | .24 | 6.00 | .06 | 1.4 | .07 | 1.7 | 1/4 | 6.0 | CT-1002, CT-1003 | 1000 |
| F77-7-M | | | .28 | 7.00 | .06 | 1.4 | .07 | 1.7 | 9/32 | 7.0 | | 1000 |
| F77-8-M | | | .31 | 8.00 | .06 | 1.4 | .07 | 1.7 | 5/16 | 8.0 | | 1000 |
| F77-10-M | | | .39 | 10.0 | .06 | 1.4 | .07 | 1.7 | 13/32 | 10.0 | | 1000 |
| F77-12-M | | | .47 | 12.0 | .06 | 1.4 | .07 | 1.7 | 15/32 | 12.0 | | 1000 |
| F78-7-M | 16 AWG | 1.50 | .28 | 7.00 | .07 | 1.7 | .08 | 2.0 | 9/32 | 7.0 | CT-1002, CT-1003 | 1000 |
| F78-8-M | | | .31 | 8.00 | .07 | 1.7 | .08 | 2.0 | 5/16 | 8.0 | | 1000 |
| F78-10-M | | | .39 | 10.0 | .07 | 1.7 | .08 | 2.0 | 13/32 | 10.0 | | 1000 |
| F78-12-M | | .47 | 12.0 | .07 | 1.7 | .08 | 2.0 | 15/32 | 12.0 | 1000 | | |
| F78-15-M | | 1.00 | .59 | 15.0 | .07 | 1.7 | .08 | 2.0 | 19/32 | 15.0 | | 1000 |
| F78-18-M | .71 | | 18.0 | .07 | 1.7 | .08 | 2.0 | 23/32 | 18.0 | 1000 | | |
| F78-20-M | .79 | 20.0 | .07 | 1.7 | .08 | 2.0 | 25/32 | 20.0 | 1000 | | | |
| F80-7-M | 14 AWG | 2.50 | .28 | 7.00 | .09 | 2.2 | .09 | 2.3 | 9/32 | 7.0 | CT-1002, CT-1003 | 1000 |
| F80-8-M | | | .31 | 8.00 | .09 | 2.2 | .09 | 2.3 | 5/16 | 8.0 | | 1000 |
| F80-10-M | | | .39 | 10.0 | .09 | 2.2 | .09 | 2.3 | 13/32 | 10.0 | | 1000 |
| F80-12-M | | | .47 | 12.0 | .09 | 2.2 | .09 | 2.3 | 15/32 | 12.0 | | 1000 |
| F80-15-M | | | .59 | 15.0 | .09 | 2.2 | .09 | 2.3 | 19/32 | 15.0 | | 1000 |
| F80-18-M | | | .71 | 18.0 | .09 | 2.2 | .09 | 2.3 | 23/32 | 18.0 | | 1000 |
| F80-20-M | | | .79 | 20.0 | .09 | 2.2 | .09 | 2.3 | 25/32 | 20.0 | | 1000 |
| F81-9-M | 12 AWG | 4.00 | .35 | 9.00 | .11 | 2.8 | .11 | 2.8 | 11/32 | 8.0 | CT-1002, CT-1003 | 1000 |
| F81-10-M | | | .39 | 10.0 | .11 | 2.8 | .11 | 2.8 | 13/32 | 10.0 | | 1000 |
| F81-12-M | | | .47 | 12.0 | .11 | 2.8 | .11 | 2.8 | 15/32 | 12.0 | | 1000 |
| F81-15-M | | | .59 | 15.0 | .11 | 2.8 | .11 | 2.8 | 19/32 | 15.0 | | 1000 |
| F81-18-M | | | .71 | 18.0 | .11 | 2.8 | .11 | 2.8 | 23/32 | 18.0 | | 1000 |
| F81-20-M | | | .79 | 20.0 | .11 | 2.8 | .11 | 2.8 | 25/32 | 20.0 | | 1000 |
| F82-10-M | | | 10 AWG | 6.00 | .39 | 10.0 | .14 | 3.5 | .14 | 3.6 | | 13/32 |
| F82-12-M | .47 | 12.0 | | | .14 | 3.5 | .14 | 3.6 | 15/32 | 12.0 | 1000 | |
| F82-15-M | .59 | 15.0 | | | .14 | 3.5 | .14 | 3.6 | 19/32 | 15.0 | 1000 | |
| F82-18-M | .71 | 18.0 | | | .14 | 3.5 | .14 | 3.6 | 23/32 | 18.0 | 1000 | |
| F82-20-M | .79 | 20.0 | | | .14 | 3.5 | .14 | 3.6 | 25/32 | 20.0 | 1000 | |
| F83-12-D | 8 AWG | 10.0 | .47 | 12.0 | .18 | 4.5 | .18 | 4.6 | 15/32 | 12.0 | CT-1003, CT-1004 | 500 |
| F83-15-D | | | .59 | 15.0 | .18 | 4.5 | .18 | 4.6 | 19/32 | 15.0 | | 500 |
| F83-18-D | | | .71 | 18.0 | .18 | 4.5 | .18 | 4.6 | 23/32 | 18.0 | | 500 |
| F83-20-D | | | .79 | 20.0 | .18 | 4.5 | .18 | 4.6 | 25/32 | 20.0 | | 500 |
| F83-25-D | | | .98 | 25.0 | .18 | 4.5 | .18 | 4.6 | 31/32 | 25.0 | | 500 |
| F84-12-TL | 6 AWG | 16.0 | .47 | 12.0 | .23 | 5.8 | .23 | 5.8 | 15/32 | 12.0 | CT-1004 | 250 |
| F84-15-TL | | | .59 | 15.0 | .23 | 5.8 | .23 | 5.8 | 19/32 | 15.0 | | 250 |
| F84-18-TL | | | .71 | 18.0 | .23 | 5.8 | .23 | 5.8 | 23/32 | 18.0 | | 250 |
| F84-20-TL | | | .79 | 20.0 | .23 | 5.8 | .23 | 5.8 | 25/32 | 20.0 | | 250 |
| F84-25-TL | | | .98 | 25.0 | .23 | 5.8 | .23 | 5.8 | 31/32 | 25.0 | | 250 |
| F84-32-TL | 1.26 | 32.0 | .23 | 5.8 | .23 | 5.8 | 1 1/4 | 32.0 | 250 | | | |
| F85-12-C | 4 AWG | 25.0 | .47 | 12.0 | .29 | 7.3 | .29 | 7.4 | 15/32 | 12.0 | CT-1005 | 100 |
| F85-15-C | | | .59 | 15.0 | .29 | 7.3 | .29 | 7.4 | 19/32 | 15.0 | | 100 |
| F85-18-C | | | .71 | 18.0 | .29 | 7.3 | .29 | 7.4 | 23/32 | 18.0 | | 100 |
| F85-25-C | | | .98 | 25.0 | .29 | 7.3 | .29 | 7.4 | 31/32 | 25.0 | | 100 |
| F85-32-C | | | 1.26 | 32.0 | .29 | 7.3 | .29 | 7.4 | 1 1/4 | 32.0 | | 100 |
| F86-18-C | 2 AWG | 35.0 | .71 | 18.0 | .33 | 8.3 | .33 | 8.4 | 23/32 | 18.0 | CT-1005 | 100 |
| F86-20-C | | | .79 | 20.0 | .33 | 8.3 | .33 | 8.4 | 25/32 | 20.0 | | 100 |
| F86-25-C | | | .98 | 25.0 | .33 | 8.3 | .33 | 8.4 | 31/32 | 25.0 | | 100 |
| F86-32-C | | | 1.26 | 32.0 | .33 | 8.3 | .33 | 8.4 | 1 1/4 | 32.0 | | 100 |
| F87-18-C | 1 AWG | 50.0 | .71 | 18.0 | .41 | 10.3 | .41 | 10.4 | 23/32 | 18.0 | CT-1006 | 100 |
| F87-22-C | | | .87 | 22.0 | .41 | 10.3 | .41 | 10.4 | 7/8 | 22.0 | | 100 |
| F87-25-C | | | .98 | 25.0 | .41 | 10.3 | .41 | 10.4 | 31/32 | 25.0 | | 100 |
| F87-32-C | | | 1.26 | 32.0 | .41 | 10.3 | .41 | 10.4 | 1 1/4 | 32.0 | | 100 |

For crimping tool information, see [page D1.73](#).

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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D2. Power & Grounding Connectors

E1. Labeling System

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E3. Pre-Printed & Write-On Markers

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F. Index

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Ferrule Assortment Kits

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B2. Cable Accessories

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KP-F1 and KP-F2



KP-FSD1, KP-FSD2 and KP-FSD3

| Part Number | Part Description | Std. Pkg. Qty. |
|----------------|--|----------------|
| KP-FSD1 | Ferrule kit includes: #24 – #18 AWG Insulated DIN Ferrules. Case includes: 30 pieces each of FSD73-6, FSD74-6, FSD75-8, FSD76-8, and FSD77-8. | 1 |
| KP-FSD2 | Ferrule kit includes: #22 – #14 AWG Insulated DIN ferrules. Case includes: 100 pieces each of FSD76-8, FSD77-8, FSD78-8 50 pieces each of FSD75-8 and FSD80-8. | 1 |
| KP-FSD3 | Ferrule kit includes: #12 – #6 AWG Insulated DIN Ferrules. Case includes: 50 pieces of FSD81-10, 20 pieces each of FSD82-12 and FSD83-12, 10 pieces of FSD84-12. | 1 |
| KP-F1 | Ferrule kit includes: #22 – #14 AWG Non-Insulated Ferrules. Case includes: 500 pieces of F75-6, 400 pieces each of F76-6 and F77-6, 300 pieces of F78-7, 200 pieces of F80-7. | 1 |
| KP-F2 | Ferrule kit includes: #12 – #6 AWG Non-Insulated Ferrules. Case includes: 150 pieces of F81-9, 100 pieces of F82-10, 80 pieces of F83-12 and 40 pieces of F84-12. | 1 |

*Ferrule kits do not include crimping tool.

TERMINAL CRIMPING TOOLS

PANDUIT offers a wide assortment of tools to provide solutions for installing terminals, disconnects, splices, ferrules and lugs. PANDUIT installation tools provide quality performance, ease of installation at the lowest installed cost. The long-term reliability of PANDUIT installation tools provides the highest level of service to meet customer requirements.



Ergonomic design to minimize operator effort

Features crimping tools with a controlled cycle mechanism ensuring repeat reliability in every crimp

Superior locator ensures proper location of the terminal barrel or insulated disconnect in the crimp pocket

Battery powered, hydraulic tools with fingertip operation are available to meet a variety of installation needs

UL Listed and CSA Certified tooling/product combinations, as noted

PANDUIT terminal crimping tools are available in an assortment of styles to meet a variety of installation needs. The installer can control the crimp with the plier type hand operated crimping tool. Hand operated *CONTOUR CRIMP™* Controlled Cycle Crimping Tools feature ergonomically designed cushioned grips with low handle effort. PANDUIT terminal crimping tools are designed for use with PANDUIT terminals, providing the right solution for your termination needs.

Bundle

Route/Protect

Terminate

Identify

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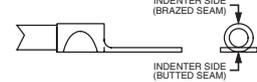
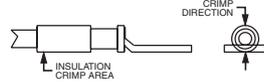
E4. Lockout/Tagout & Safety Solutions

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A. System Overview

Crimping Guidelines for PANDUIT® PAN-TERM® Terminals, Disconnects, Splices and Wire Joints

B1. Cable Ties



B2. Cable Accessories

Insulated Terminals and Disconnects

1. Locate terminal in proper size crimp die with edge of die 1/16" from the tongue end of the insulation sleeve (See Note 1 below). Ensure that crimp is perpendicular to the plane of the terminal tongue, as shown.
2. Insert properly stripped wire into terminal until a minimum of 1/32" of conductor extends beyond the terminal barrel.
3. Squeeze tool handles firmly (See Note 2 below).
4. Provide second crimp in the insulation crimp area to close the insulation (See Note 3 below).

Non-Insulated Terminals and Disconnects

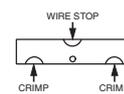
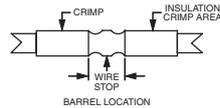
1. Locate terminal in proper crimp die with indenter centered on braze barrel seam (for short locking forks, locate indenter opposite butted barrel seam). Ensure that crimp is perpendicular to the plane of the terminal tongue, as shown (See Note 1 below).
2. Insert properly stripped wire into terminal until a minimum of 1/32" of conductor extends beyond the terminal barrel.
3. Squeeze tool handles firmly (See Note 2 below).

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



Insulated Butt Splices

1. Locate butt splice in proper size crimp die and position crimp pocket halfway between the wire stop (center of splice) and the wire stop end of the insulation crimp area, as shown (See Note 4 below).
2. Insert properly stripped wire into one end of butt splice.
3. Squeeze tool handles firmly (See Note 2 below).
4. Provide second crimp in the insulation crimp area to close the insulation (See Note 3 below).
5. Repeat steps 1–4 for opposite end of butt splice.

Non-Insulated Butt Splices

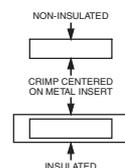
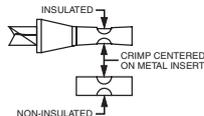
1. Locate butt splice in proper size crimp die and position crimp pocket halfway between the wire stop and the butt splice end, as shown.
2. Insert properly stripped wire into one end of the butt splice.
3. Squeeze tool handles firmly. (See Note 2 below).
4. Repeat 1–3 for opposite end of butt splice.

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System



E2. Labels

Insulated and Non-Insulated Wire Joints

1. Properly strip wires, twist stripped wire ends together, and insert wires into wire joint.
2. Locate wire joint in proper crimp die and position crimp pocket in the center of the metal insert.
3. Squeeze tool handles firmly (See Note 2 below).

Insulated and Non-Insulated Parallel Splices

1. Locate parallel splice in proper crimp die and position crimp pocket on the center of the metal insert.
2. Insert properly stripped wires into opposite ends of the splice so that the stripped portions of the wire overlap inside the metal insert.
3. Squeeze tool handles firmly (See Note 2 below).

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

NOTES for Crimping with Hand Operated Controlled Cycle Crimping Tools:

1. PANDUIT controlled cycle crimping tools properly locate rings, forks, barrel insulated and non-insulated disconnects, pins, and blades. No further positioning is required.
2. Once a crimp has been started, the ratchet device of controlled cycle tools will not release until the crimp is complete, independent of operator expertise.
3. Controlled cycle tools provide the electrical crimp and the insulation closure in a single cycle of the tool.
4. When using controlled cycle tooling, insulated butt splices must be inserted from the back of the tool to ensure that the electrical and insulation closure crimp pockets are properly aligned with the splice.

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Hand Operated Plier Type Tools

- Plier type crimp for #22 thru #10 terminal products.
- Versatile



CT-260



CT-200



CT-160



CT-100

| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|--|----------------|
| CT-260 | Forged steel tool. Crimps insulated and non-insulated terminals. Cuts wire. | 1 |
| CT-200 | Forged steel tool. Crimps most PANDUIT #18 – #10 AWG non-insulated terminals, disconnects and splices. Cuts wire. | 1 |
| CT-160 | Crimps most PANDUIT #26 – #10 AWG insulated and non-insulated terminals disconnects and splices. Cuts three U.S. and three Metric screw sizes. Cuts and strips wire. Has insulation closure pocket. | 1 |
| CT-100 | Crimps most PANDUIT #26 – #10 AWG insulated and non-insulated terminals, disconnects and splices. Cuts #4, #6, #8 and #10 screw sizes. Cuts and strips wire. Excellent all-around application tool of heat treated finished steel with comfortable cushioned plastic grip handles. | 1 |

Reference crimping guidelines for PAN-TERM® Terminals, Disconnects, Splices and Wire Joints, see [page D1.70](#).

Cable Stripping Tool for Small Cable Sizes

- Lightweight and durable
- Spring loaded handles
- Rust resistant coating
- Plastic coated handles
- Bright colored for ease of visibility



| Part Number | Wire Range (O.D.) | Part Description | Std. Pkg. Qty. |
|-------------|-------------------|---------------------------|----------------|
| CST115 | #20 – #10 AWG | Plier nose wire stripper. | 1 |

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A. System Overview

CONTOUR CRIMP™ Controlled Cycle Tools

B1. Cable Ties

- Specifically designed for the installation of *PAN-TERM*® terminals, disconnects and splices
- Low handle effort – increases productivity
- Superior crimp performance
- Reliable – backed by a two year warranty

B2. Cable Accessories



CT-1525

B3. Stainless Steel



CT-1550

C1. Wiring Duct



CT-1551

C2. Surface Raceway



CT-1570

C3. Abrasion Protection



CT-1700

C4. Cable Management



CT-1701

D1. Terminals



CT-1014

D2. Power & Grounding Connectors



CT-1015

E1. Labeling System

E2. Labels

Controlled Cycle Crimping Tools

E3. Pre-Printed & Write-On Markers



E4. Lockout/Tagout & Safety Solutions

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| Part Number | Part Description | Std. Pkg. Qty. |
|----------------|---|----------------|
| CT-1525 | Crimps <i>PANDUIT</i> #26 – #22 AWG insulated terminals and splices, #22 – #10 AWG fully insulated disconnects and insulated parallel splices. Crimps <i>PANDUIT</i> #22 – #14 AWG barrel insulated disconnects. | 1 |
| CT-1550 | Crimps most <i>PAN-TERM</i> ® #22 – #10 AWG nylon and vinyl insulated terminals, splices and disconnects. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort for those who make red/blue terminations. | 1 |
| CT-1551 | Crimps most <i>PAN-TERM</i> ® #22 – #10 AWG nylon and vinyl insulated terminals, splices and disconnects. The CT-1551 has the yellow pocket closest to the pivot which provides a reduced crimp effort for those who make yellow terminations. | 1 |
| CT-1570 | Crimps most <i>PAN-TERM</i> ® #22 – #10 AWG and .5-6.0mm non-insulated terminals and disconnects. Crimps <i>PANDUIT</i> #22 – #10 AWG and .5-6.0mm non-insulated splices, and #10 AWG compression lugs. | 1 |
| CT-1700 | Crimps <i>PANDUIT</i> #8 – #2 AWG non-insulated tubular terminals (S series), #8 – #1 AWG copper lugs and splices, #6 – #4 AWG aluminum lugs and splices and CTAPF copper taps for #14 – #3 AWG. Includes 5 position, color coded rotating die. | 1 |
| CT-1701 | Crimps <i>PANDUIT</i> #10 – #2 AWG non-insulated large gauge ring terminal (P series). Crimps #8 – #1 AWG copper lugs and splices, and #6 – #4 AWG aluminum lugs and splices, and #14 – #3 AWG CTAPF copper taps. Includes 5 position rotating die. | 1 |
| CT-1014 | Crimps <i>PANDUIT</i> #22 – #14 AWG loose piece <i>DISCO-LOK</i> ™ disconnects. | 1 |
| CT-1015 | Crimps <i>PANDUIT</i> #22 – #14 AWG loose piece <i>SUPRA-GRIP</i> ™ disconnects. | 1 |

For battery powered crimping tools, see Compression Connector Tools Selection Guide on [pages D2.126 – D2.128](#).

| Part Number | Part Description | Std. Pkg. Qty. |
|-----------------|---|----------------|
| CT-300-1 | Crimps <i>PANDUIT</i> #22 – #14 AWG fully insulated right angle disconnects. (DNFR-FIB series). | 1 |
| CT-310 | Crimps <i>PANDUIT</i> #22 – #10 AWG heat shrink insulated terminals, disconnects and splices. | 1 |

Controlled Cycle Crimping Tools – Ferrule End Sleeve



CT-1002



CT-1003



CT-1004



CT-1005



CT-1006

| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|--|----------------|
| CT-1002 | Crimps <i>PANDUIT</i> #26 – #10 AWG single wire vinyl insulated ferrules (DIN). #26 – #10 AWG single wire insulated ferrules (French). #22 – #12 AWG vinyl insulated dual-wire ferrules (DIN). #24 – #10 AWG non-insulated ferrules. | 1 |
| CT-1003 | Crimps <i>PANDUIT</i> #22 – #8 AWG single wire insulated ferrules (DIN). #22 – #8 AWG single wire vinyl insulated ferrules (French). #22 – #10 AWG vinyl insulated dual-wire (DIN) ferrules. #22 – #10 AWG non-insulated ferrules. | 1 |
| CT-1004 | Crimps <i>PANDUIT</i> #8 – #6 AWG single wire vinyl insulated ferrule (DIN). #8 – #6 AWG single wire vinyl insulated ferrules (French). #10 AWG vinyl insulated dual-wire (DIN) ferrule. #8 – #6 AWG non-insulated ferrules. | 1 |
| CT-1005 | Crimps <i>PANDUIT</i> #4 – #2 AWG single wire vinyl insulated ferrule (DIN). #4 – #2 AWG single wire vinyl insulated ferrules (French). #4 – #2 AWG non-insulated ferrules. | 1 |
| CT-1006 | Crimps <i>PANDUIT</i> #1 AWG single wire vinyl insulated ferrule (DIN) and (French) #1 AWG non-insulated ferrules. | 1 |

Controlled Cycle Crimping Tools – In-Line

- Military specialty tools help meet military and nuclear test requirements
- In-line crimp action-for greater dielectric strength with uniform insulation compression

- Calibration-recalibration is possible for maintaining exact crimp dimensions



CT-400 and CT-460

| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|--|----------------|
| CT-400 | Crimps #22 – #14 <i>PANDUIT</i> insulated terminals, disconnects and splices. Comes complete with carrying/storage case which includes tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements. | 1 |
| CT-460 | Crimps #16 – #10 <i>PANDUIT</i> insulated terminals, disconnects and splices. Has same features as CT-400 above. | 1 |

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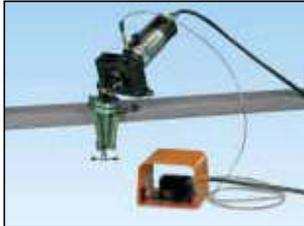
Pneumatic Crimping Tool

B1. Cable Ties

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- Versatile interchangeable crimping heads let you switch terminal types quickly to meet changing production requirements. This tool, when used with only four crimp heads, can crimp a full range of #26 thru #10 AWG insulated and non-insulated terminal products

- Portable – the small size, ease of bench mounting and quick pneumatic connection allow the tool to be moved from one work station to another or to the work itself

B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

| Part Number | Part Description | Std. Pkg. Qty. |
|-----------------|---|----------------|
| CT-600 | Pneumatic tool, 6 ft. air hose and carrying case. Does not include crimping heads (ordered separately). | 1 |
| CT-500CH | Crimping head for most #22 – 14 insulated terminals, splices and disconnects. | 1 |
| CT-520CH | Crimping head for most #22 – 14 insulated butted seam disconnects and #26 – 22 insulated terminals. | 1 |
| CT-550CH | Crimping head for most #22 – 10 insulated terminals and splices. | 1 |
| CT-570CH | Crimping head for #22 – 10 non-insulated terminals, splices and disconnects. | 1 |
| PD-600 | Positioning device (for bench mounting of CT-600). | 1 |
| FPC-600 | Foot actuator operating air pressure: 80 – 100 psi .233 SCFM type of air: lubricated. Recommend using Norgren (Brand) #FLR222-012-043008 filter lubricator regulator. | 1 |

For proper crimp head selection, see the Tooling Selection Guide for *PANDUIT* Terminals, Splices and Disconnects on pages [D1.76 – D1.78](#), in this catalog.

C4. Cable Management

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on *PANDUIT* copper and aluminum lugs and splices and insulated terminals
- Cushioned grips prevent hands from slipping on tool and reduces fatigue

- Uses single retention screw for fast and easy die change-over
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Available with or without controlled cycle feature to meet specific applications

D1. Terminals

D2. Power & Grounding Connectors



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| Part Number | Part Description | Std. Pkg. Qty. |
|---------------|---|----------------|
| CT-720 | Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of <i>PANDUIT</i> ® <i>Pan-Lug</i> ™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of <i>PANDUIT</i> ® <i>Pan-Term</i> ® #8 – #2 AWG vinyl insulated terminals. Color coded CD-720 crimping dies, carrying/storage case and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days | 1 |
| CC-720 | Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs. | 1 |
| C-720 | Steel carrying case for CT-720 crimping tool. | 1 |

For battery powered crimping tools, see Compression Connector Tools Selection Guide on pages [D2.126 – D2.128](#).

CD-720 Crimping Dies

- Color coded for easy matching to color coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance



CD-720PV8-2

| Part Number | Used to Install <i>PANDUIT</i> Compression Lug & Splice Sizes | | | | Std. Pkg. Qty. |
|-------------|---|--|-------------------------|--|----------------|
| | Copper Conductor Size | Copper Die Color & Die No. | Aluminum Conductor Size | Aluminum Die Color & Die No. | |
| CD-720-1 | #8 – #2 AWG | Red P21, Blue P24, Gray P29, Brown P33 | #6 AWG | Gray P29 | 1 |
| CD-720-2 | #1 – 3/0 AWG | Green P37, Pink P42, Black P45, Orange P50 | #4 – 1/0 AWG | Green P37, Pink P42, Gold P45, Tan P50 | 1 |
| CD-720-3 | 4/0 AWG – 250 kcmil | Purple P54, Yellow P62 | 2/0 – 3/0 AWG | Olive P54, Ruby P62 | 1 |
| CD-720-4 | 300 kcmil | White P66 | 4/0 AWG | White P66 | 1 |
| CD-720-5 | 350 kcmil | Red P71 | 250 kcmil | Red P71 | 1 |
| CD-720-6 | 400 kcmil | Blue P76 | 300 kcmil | Blue P76 | 1 |
| CD-720-7 | 500 kcmil | Brown P87 | 350 kcmil | Brown P87 | 1 |
| CD-720PV8-2 | #8 – #2 AWG, vinyl insulated <i>PAN-TERM</i> ® Terminals | Red, Blue, Yellow | — | — | 1 |

See pages D2.149 – D2.186 for connector and tool selection information.

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Tooling Selection Guide for PANDUIT Terminals, Splices and Disconnects (continued)

| | | See Crimping Tools Tab – Section D | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|------------------------------------|---------------------------------------|-------------|--------|--------|--------|----------|-----------------------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------------------------------------|----------|----------|----------|------------|
| PANDUIT Terminal Series | Terminal Description | Std. Wire Range (AWG) | Wire Strip Length (In.) [+1/32;-0] | Plier Tools | | | | | Controlled Cycle Hand Tools | | | | | | | | | | Crimp Heads for Pneumatic CT-600 Tool | | | | Mechanical |
| | | | | CT-100 | CT-160 | CT-200 | CT-260 | CT-300-1 | CT-310 | CT-400 | CT-460 | CT-1014 | CT-1015 | CT-1525 | CT-1550 | CT-1551 | CT-1570 | CT-1701 | CT-500CH | CT-520CH | CT-550CH | CT-570CH | CT-720 |
| DNF-M | Nylon Insulated, Funnel Entry, Barrel Insulated, Male Disconnects | 22-18 | 9/32 | X | X | | X | | | | | | | | | X | X | | | X | X | | |
| | | 16-14 | 9/32 | X | X | | X | | | | | | | | | | X | X | | X | X | | |
| | | 12-10 | 9/32 | | | | X | | | | X | | | | | | X | X | | | X | | |
| DNFR-B | Nylon Pre-Insulated, Right Angle Disconnects | 22-18 | 9/32 | X | | | | | | | | | X | | | | | | | | | | |
| | | 16-14 | 9/32 | X | | | | | | | | | X | | | | | | | | | | |
| DNFR-FIB | Nylon Butted Seam, Right Angle Disconnects | 22-18 | 11/32 | | | | | | X | | | | | | | | | | | | | | |
| | | 16-14 | 11/32 | | | | | | X | | | | | | | | | | | | | | |
| DNG-FB | SUPRA GRIP™ Nylon, Fully Insulated Disc., (Except DNG14-187FB & DNG14-188FB) | 22-18 | 1/4 | | | | | | | | | | X | | | | | | | | | | |
| | | 16-14 | 1/4 | | | | | | | | | | X | | | | | | | | | | |
| DNG-FL | Disco-Lok™ Nylon, Fully Insulated Disconnects | 22-18 | 1/4 | | | | | | | | | | X | | | | | | | | | | |
| | | 16-14 | 1/4 | | | | | | | | | | X | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| DNH | Heat Shrink Disconnects | 22-18 | 5/16 | | | | | | X | | | | | | | | | | | | | | |
| | | 16-14 | 5/16 | | | | | | X | | | | | | | | | | | | | | |
| | | 12-10 | 5/16 | | | | | | X | | | | | | | | | | | | | | |
| DV | Vinyl Barrel Insulated Sleeved Disconnects | 12-10 | 9/32 | X | | | | | | | | | | | X | X | | | | | X | | |
| DV-B | Vinyl Insulated, Butted Seam Disconnects | 22-18 | 9/32 | X | | | | | | | | | X | | | | | | | | X | | |
| | | 16-14 | 9/32 | X | | | | | | | | | X | | | | | | | | X | | |
| DV-M | Vinyl Barrel Insul. Male Blade Adapters | 22-18 | 9/32 | X | X | | X | | X | | | | | | X | X | | | X | | X | | |
| | | 16-14 | 9/32 | X | X | | X | | X | X | | | | | X | X | | | X | | X | | |
| DV-M | Vinyl Insulated Male Disconnects | 12-10 | 9/32 | X | | | X | | | | | | | | | | | | | | | X | |
| DV-MB | Vinyl Insul. Butted Seam Male Disconnects | 22-18 | 9/32 | X | | | | | X | | | | X | | | | | | X | | X | | |
| | | 16-14 | 9/32 | X | | | | | X | X | | | X | | | | | | X | | X | | |
| DV-P | Vinyl Insulated Piggyback Disconnects | 22-18 | 1/4 | X | X | | X | | | | | | | | X | X | | | X | | X | | |
| | | 16-14 | 1/4 | X | X | | X | | | | | | | | X | X | | | X | | X | | |
| DVF | Vinyl Funnel Entry Barrel Insulated Female Disconnect | 22-18 | 9/32 | | | | | | | | | | | | X | X | | | X | | X | | |
| | | 16-14 | 9/32 | | | | | | | | | | | | X | X | | | X | | X | | |
| J | Non-Insulated Wire Joints | | | | | | | | | | | | | | | | | | | | | | |
| | | J214-312 | 14-12 | 1/2 | X | | X | | | | | | | | | | | | | | | | |
| | | J318-412 | 18-12 | 1/2 | X | | X | | | | | | | | | | | | | | | | |
| | | J216-410 | 16-10 | 3/4 | | | X | | | | | | | | | | | | | | | | |
| JN | Nylon Insulated Wire Joints | | | | | | | | | | | | | | | | | | | | | | |
| | | JN224-318 | 24-16 | 7/16 | X | X | | X | | X | | | | | X | X | | | X | | X | | |
| | | JN218-216 | 22-16 | 7/16 | X | X | | X | | X | | | | | X | X | | | X | | X | | |
| | | JN418-212 | 18-12 | 1/2 | X | X | | | | | X | | | | X | X | | | | | X | | |
| JN314-412 | 14-12 | 5/8 | | X | | | | | | | | | | | | | | | | | | | |
| P-HDR | Non-Insulated Heavy Duty Rings | 16-12 | 9/32 | X | | X | X | | | | | | | | | X | X | | | | | X | |
| P-P | Non-Insulated Pin Terminals | 22-18 | 9/32 | X | X | X | X | | | | | | | | | X | | | | | | X | |
| | | 16-14 | 9/32 | X | X | X | X | | | | | | | | X | | | | | | | X | |
| | | 12-10 | 9/32 | X | X | X | X | | | | | | | | X | X | | | | | | X | |
| P-R | Non-Insulated Large Ring Terminals | 8 | 3/8 | | | | | | | | | | | | | X | | | | | | | |
| | | 6 | 7/16 | | | | | | | | | | | | | X | | | | | | | |
| | | 4 | 1/2 | | | | | | | | | | | | | X | | | | | | | |
| | | 2 | 1/2 | | | | | | | | | | | | | X | | | | | | | |

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Tooling Selection Guide for PANDUIT Tubular Ring Terminals

| See Crimping Tools Tab – Section D | | | | | |
|------------------------------------|---|----------|---|------------------------------------|-------------|
| Tooling | CT-1700 | CT-720 | CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-940CH | CT-980, CT-980CH, CT-2950, CT-2980 | CT-2001 |
| PANDUIT Part Number | PANDUIT Die Part Number Die Index Number (Number of Crimps) | | | | |
| S8-10R-Q | P21 (2) | CD-720-1 | CD-920-8 | — | CD-2001-8 |
| S8-14R-Q | | P21 | P21 | | P21 |
| S8-56R-Q | | (1) | (1) | | (1) |
| S8-38R-Q | P24 (2) | CD-720-1 | CD-920-6 | — | CD-2001-6 |
| S6-10R-E | | P24 | P24 | | P24 |
| S6-14R-E | | (2) | (1) | (1) | (1) |
| S6-56R-E | | | | | |
| S6-38R-E | P29 (2) | CD-720-1 | CD-920-4 | STD | CD-2001-4 |
| S4-10R-E | | P29 | P28 | (1) | P29 |
| S4-14R-E | | (2) | (1) | (1) | (1) |
| S4-56R-E | | | | | |
| S4-38R-E | P37 (3) | CD-720-1 | CD-920-1 | STD | CD-2001-1 |
| S2-10R-X | | P37 | P37 | (1) | P37 |
| S2-14R-X | | (3) | (1) | (1) | (1) |
| S2-56R-X | | | | | |
| S2-38R-X | — | CD-720-2 | CD-920-1/0 | STD | CD-2001-1/0 |
| S2-12R-X | | P42 | P42 | (1) | P42 |
| S1/0-14R-X | | (1) | (1) | | (1) |
| S1/0-56R-X | | | | | |
| S1/0-38R-X | — | CD-720-2 | CD-920-2/0 | STD | CD-2001-2/0 |
| S2/0-14R-X | | P45 | P45 | (1) | P45 |
| S2/0-56R-X | | (2) | (1) | | (2) |
| S2/0-38R-X | | | | | |
| S2/0-76R-X | — | CD-720-2 | CD-920-3/0 | STD | CD-2001-3/0 |
| S3/0-14R-5 | | P50 | P50 | (1) | P50 |
| S3/0-56R-5 | | (2) | (1) | | (2) |
| S3/0-38R-5 | | | | | |
| S3/0-76R-5 | — | CD-720-2 | CD-920-3/0 | STD | CD-2001-3/0 |
| S3/0-12R-5 | | P54 | P54 | (1) | P54 |
| S4/0-38R-5 | | (2) | (1) | | (2) |
| S4/0-76R-5 | | | | | |
| S4/012R-5 | — | CD-720-3 | CD-920-4/0 | STD | CD-2001-4/0 |
| S250-56R-5 | | P62 | P62 | (1) | P62 |
| S250-38R-5 | | (2) | (1) | | (2) |
| S250-76R-5 | | | | | |
| S250-12R-5 | | | | | |

Tooling Selection Guide for PANDUIT Ferrules

| See Crimping Tools Tab – Section D | | | | | | | | | |
|------------------------------------|---|------------------|------------------|--|---------|---------|---------|---------|---------|
| Controlled Cycle Hand Tools | | | | | | | | | |
| PANDUIT Part Number | Ferrule Description | Wire Range (AWG) | Wire Range (mm²) | Wire Strip Length | CT-1002 | CT-1003 | CT-1004 | CT-1005 | CT-1006 |
| F | Non-Insulated Ferrules | 24-18 | .25-1.00 | Please See Ferrule Tables — Pgs. D1.64-D1.67 | X | X | | | |
| | | 16-14 | 1.50-2.00 | | X | X | | | |
| | | 12-10 | 4.00-6.00 | | X | X | | | |
| | | 8-6 | 10.0-16.0 | | | X | X | | |
| | | 4-2 | 25.0-35.0 | | | | | X | |
| | | 1 | 50.0 | | | | | | X |
| FSD, FSF | Insulated Single Wire Ferrules (DIN or French color code) | 26-18 | .41-1.00 | X | X | | | | |
| | | 16-14 | 1.50-2.00 | X | X | | | | |
| | | 12-10 | 4.00-6.00 | X | X | | | | |
| | | 8-6 | 10.0-16.0 | | X | X | | | |
| | | 4-2 | 25.0-35.0 | | | | X | | |
| | | 1 | 50.0 | | | | | X | |
| FTD | Insulated Twin Wire Ferrules | 22-18 | .50-1.00 | X | X | | | | |
| | | 16-14 | 1.50-2.00 | X | X | | | | |
| | | 12-10 | 4.00-6.00 | | X | X | | | |

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Technical Specification and Selection Information

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PANDUIT Terminal Approvals



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| Logo (Symbol) | Agency | Spec/Approval | Requirement | Applicable Products |
|---------------|---------------------------------|--------------------------|--|-----------------------------|
| | Underwriters Laboratories, Inc. | #E52164 – UL486A | Minimum Tensile Strength (Pull out force for the crimp terminal) and test current for Max. 50°C Rise (Amps) | All Ring and Fork Terminals |
| | | #E78522 – UL310 | Minimum Tensile Strength (Pull out force for the crimp terminal) and continuous test current for Max. 30°C Rise (Amps) (for .187", .205", .250" tab widths) and (.110", tab width) | All Disconnects |
| | | #E52164 – UL486C | Minimum Tensile Strength (Pull out force for the crimp terminal) and test current for Max. 50°C Rise (Amps) | All Splices |
| | Canadian Standards Association | #LR31212 – C22.2 No. 65 | Minimum Tensile Strength (Pull out force for the crimp terminal) and test current for Max. 50°C Rise (Amps) | All Ring and Fork Terminals |
| | | #LR31212 – C22.2 No. 153 | | All Disconnects |

Performance Requirements

| | Wire Size (AWG) | | | | | | | | |
|---|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | #26 | #24 | #22 | #20 | #18 | #16 | #14 | #12 | #10 |
| UL 486A (TERMINALS), UL310 (MALE BLADE ADAPTERS) | | | | | | | | | |
| Test Current for Max. 50°C Rise (Amps) | 3.5 | 7 | 9 | 12 | 17 | 18 | 30 | 35 | 50 |
| Min. Tensile Strength* (Lbs.) | 3 | 5 | 8 | 13 | 20 | 30 | 50 | 70 | 80 |
| UL 486C (SPICES) | | | | | | | | | |
| Test Current for Max. 50°C Rise (Amps) | 5.5 | 7 | 9 | 12 | 17 | 18 | 30 | 35 | 50 |
| Min. Tensile Strength* (Lbs.) | 3 | 5 | 8 | 10 | 10 | 15 | 25 | 35 | 40 |

*Pull-out force of the crimped terminal.

Applicable **PAN-TERM®** products meet or exceed the following test specifications:

- UL486A (Terminals)
- UL486C (Splices)
- UL310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)

UL and CSA approved products are shown with the applicable logos in the product section. UL file #E52164, CSA File #LR31212

| | Wire Size (AWG) | | | | | | |
|---|-----------------|-----|-----|-----|----------------|-----|-----|
| | #22 | #20 | #18 | #16 | *#14 | #12 | #10 |
| UL310 (DISCONNECTS) | | | | | | | |
| Continuous Test Current for Max. 30°C Rise (amps) (for 187", 205", 250" tab widths) | 3 | 4 | 7 | 10 | 15 | 20 | 24 |
| Continuous Test Current for Max. 30°C Rise (amps) (for .110", tab width) | 2 | 3 | 4 | 5 | Not Applicable | | |
| Min. Tensile Strength* (Lbs.) | 8 | 13 | 20 | 30 | 50 | 70 | 80 |

*Pull-out force of the crimped disconnect.

Applicable **PAN-TERM®** products meet or exceed the following test specifications:

- UL310 (Disconnects)
- CSA C22.2 No. 153 (all designs)

UL and CSA Listed products are shown with the applicable logos in the product section. UL file #E78522 and CSA file #LR31212.

Equivalent Tables

Decimal/Inches/Millimeters

| | | | | | | | | | | | |
|--|-------|-------|--|-------|--------|--|-------|--------|--|-------|--------|
|  1/64 | .0156 | 0,396 |  17/64 | .2656 | 6,746 |  33/64 | .5156 | 13,100 |  49/64 | .7656 | 19,446 |
|  1/32 | 0.312 | 0,792 |  9/32 | .2812 | 7,143 |  17/32 | .5312 | 13,492 |  25/32 | .7812 | 14,842 |
|  3/64 | .0468 | 1,189 |  19/64 | .2968 | 7,541 |  35/64 | .5468 | 13,891 |  51/64 | .7968 | 20,241 |
|  1/16 | .0625 | 1,588 |  5/16 | .3125 | 7,938 |  9/16 | .5625 | 14,288 |  13/16 | .8125 | 20,637 |
|  5/64 | .0781 | 1,984 |  21/64 | .3281 | 8,337 |  37/64 | .5781 | 14,684 |  53/64 | .8281 | 21,034 |
|  3/32 | .0937 | 2,380 |  11/32 | .3437 | 8,730 |  19/32 | .5937 | 15,080 |  27/32 | .8437 | 21,480 |
|  7/64 | .1093 | 2,779 |  23/64 | .3593 | 9,129 |  39/64 | .6093 | 15,479 |  55/64 | .8593 | 21,828 |
|  1/8 | .125 | 3,175 |  3/8 | .375 | 9,525 |  5/8 | .625 | 15,875 |  7/8 | .875 | 22,225 |
|  9/64 | .1406 | 3,571 |  25/64 | .3906 | 9,921 |  41/64 | .6406 | 16,271 |  57/64 | .8906 | 22,620 |
|  5/32 | .1562 | 3,968 |  13/32 | .4062 | 10,317 |  21/32 | .6562 | 16,667 |  29/32 | .9062 | 23,017 |
|  11/64 | .1718 | 4,366 |  27/64 | .4218 | 10,716 |  43/64 | .6718 | 17,066 |  59/64 | .9218 | 23,416 |
|  3/16 | .1875 | 4,763 |  7/16 | .4375 | 11,113 |  11/16 | .6875 | 17,463 |  15/16 | .9375 | 23,810 |
|  13/64 | .2031 | 5,159 |  29/64 | .4531 | 11,509 |  45/64 | .7031 | 17,859 |  61/64 | .9531 | 24,208 |
|  7/32 | .2187 | 5,555 |  15/32 | .4687 | 11,905 |  23/32 | .7187 | 18,255 |  31/32 | .9687 | 24,605 |
|  15/64 | .2343 | 5,954 |  31/64 | .4843 | 12,304 |  47/64 | .7343 | 18,654 |  63/64 | .9843 | 25,001 |
|  1/4 | .25 | 6,350 |  1/2 | .5 | 12,700 |  3/4 | .75 | 19,050 |  1 | 1. | 25,400 |

Stud Size Chart (Inches)

| | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |
| Standard Stud Size | #2 | #4 | #5 | #6 | #8 | #10 | 1/4" | 5/16" | 3/8" | 7/16" |
| Stud Size Decimal Equivalent | .086" | .112" | .127" | .138" | .164" | .190" | .250" | .312" | .375" | .438" |
| Terminal Hole Diameter | .090" | .118" | .130" | .147" | .173" | .204" | .270" | .343" | .392** .406*** | .456" |
| Stud Size Designation in PANDUIT Part Number | 2 | 4 | 5 | 6 | 8 | 10 | 14 | 56 | 38 | 76 |

| | | | | | |
|--|---|---|---|--|---|
| |  |  |  |  |  |
| Standard Stud Size | 1/2" | 5/8" | 3/4" | 7/8" | 1" |
| Stud Size Decimal Equivalent | .500" | .625" | .750" | .875" | 1.00" |
| Terminal Hole Diameter | .531" | .656" | .810" | .906" | 1.031" |
| Stud Size Designation in PANDUIT Part Number | 12 | 58 | 34 | 78 | 1 |

*Terminal Stud.

**Power Connector Stud.

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Common Conductor Sizes and Strandings Reference Chart

| Conductor | | Individual Strands | | | Overall Conductor Size | | | Conductor | | Individual Strands | | | Overall Conductor Size | | | |
|-----------|------------------------|--------------------|----------|------|------------------------|------|------------|-----------|------------------------|--------------------|----------|------|------------------------|------|------------|-------|
| AWG | Metric mm ² | No. | Diameter | | Diameter | | Circ. MILS | AWG | Metric mm ² | No. | Diameter | | Diameter | | Circ. MILS | |
| | | | mm | In. | mm | In. | | | | | mm | In. | mm | In. | | |
| | 0.05 | 25 | .05 | .002 | .25 | .010 | 97 | | | | 19 | .25 | .010 | 1.30 | .051 | 1841 |
| | 0.06 | 41 | .05 | .002 | .36 | .014 | 159 | | | | 1 | 1.13 | .044 | 1.13 | .044 | 1979 |
| | 26 | 10 | .13 | .005 | .53 | .021 | 250 | 16 | 1.0 | | 32 | .20 | .008 | 1.30 | .051 | 1984 |
| | | 1 | .41 | .016 | .41 | .016 | 256 | | | | 7 | .43 | .017 | 1.30 | .051 | 2006 |
| | | 7 | .16 | .006 | .48 | .019 | 278 | | | | 19 | .29 | .011 | 1.47 | .058 | 2426 |
| | | 19 | .10 | .004 | .51 | .020 | 304 | | | | 65 | .16 | .006 | 1.50 | .059 | 2580 |
| | | 41 | .08 | .003 | .58 | .023 | 384 | | | | *26 | .25 | .010 | 1.50 | .059 | 2600 |
| | 24 | 10 | .16 | .006 | .58 | .023 | 397 | | | | 1 | 1.30 | .051 | 1.30 | .051 | 2601 |
| | | 1 | .51 | .020 | .51 | .020 | 400 | | | | 105 | .13 | .005 | 1.50 | .059 | 2625 |
| | | 7 | .20 | .008 | .61 | .024 | 448 | | | | *7 | .51 | .020 | 1.52 | .060 | 2828 |
| | | 19 | .13 | .005 | .61 | .024 | 475 | | | | 30 | .25 | .010 | 1.70 | .067 | 2906 |
| | | 65 | .07 | .003 | .65 | .026 | 484 | | | | 21 | .30 | .012 | 1.60 | .063 | 2930 |
| | 0.25 | 128 | .05 | .002 | .65 | .026 | 496 | | 1.5 | | 189 | .10 | .004 | 1.90 | .075 | 2930 |
| | | 32 | .10 | .004 | .65 | .026 | 496 | | | | 7 | .52 | .020 | 1.60 | .063 | 2934 |
| | | 14 | .16 | .006 | .65 | .026 | 556 | | | | 1 | 1.38 | .054 | 1.38 | .054 | 2952 |
| | | 1 | .64 | .025 | .64 | .025 | 625 | | | | 45 | .16 | .006 | 1.85 | .073 | 3786 |
| | | 16 | .16 | .006 | .76 | .030 | 635 | | | | 19 | .36 | .014 | 1.85 | .073 | 3831 |
| | 22 | 26 | .13 | .005 | .76 | .030 | 650 | 14 | | | 1 | 1.63 | .064 | 1.63 | .064 | 4096 |
| | | 7 | .25 | .010 | .76 | .030 | 700 | | | | *41 | .25 | .010 | 1.85 | .073 | 4100 |
| | | 19 | .16 | .006 | .79 | .031 | 754 | | | | *7 | .64 | .025 | 1.85 | .073 | 4481 |
| | | 48 | .10 | .004 | .80 | .031 | 744 | | | | 50 | .25 | .010 | 2.20 | .087 | 4844 |
| | | 194 | .05 | .002 | .80 | .031 | 752 | | | | 7 | .67 | .026 | 2.10 | .083 | 4871 |
| | 0.38 | 100 | .07 | .003 | .80 | .031 | 760 | | 2.5 | | 35 | .30 | .012 | 2.20 | .087 | 4883 |
| | | 7 | .27 | .011 | .80 | .031 | 791 | | | | 315 | .10 | .004 | 2.20 | .087 | 4883 |
| | | 12 | .21 | .008 | .80 | .031 | 820 | | | | 1 | 1.78 | .070 | 1.78 | .070 | 4911 |
| | | 21 | .16 | .006 | .80 | .031 | 833 | | | | 19 | .45 | .018 | 2.36 | .093 | 6088 |
| | | 7 | .30 | .012 | .90 | .035 | 977 | | | | *65 | .25 | .010 | 2.41 | .095 | 6500 |
| | 0.5 | 16 | .20 | .008 | .90 | .035 | 992 | 12 | | | 165 | .16 | .006 | 2.41 | .095 | 6549 |
| | | 1 | .80 | .031 | .80 | .031 | 992 | | | | 1 | 2.06 | .081 | 2.06 | .081 | 6561 |
| | | *10 | .25 | .010 | .89 | .035 | 1000 | | | | *7 | .81 | .032 | 2.44 | .096 | 7168 |
| | | 1 | .81 | .032 | .81 | .032 | 1024 | | | | 56 | .30 | .012 | 3.10 | .122 | 7812 |
| | | 41 | .13 | .005 | .91 | .036 | 1025 | | | | 1 | 2.26 | .089 | 2.26 | .089 | 7917 |
| | 20 | 26 | .16 | .006 | .91 | .036 | 1032 | 4.0 | | | 511 | .10 | .004 | 3.00 | .118 | 7921 |
| | | *7 | .32 | .013 | .97 | .038 | 1111 | | | | 19 | .52 | .020 | 2.70 | .106 | 7963 |
| | | 19 | .20 | .008 | .94 | .037 | 1216 | | | | 37 | .40 | .016 | 2.92 | .115 | 9354 |
| | | 7 | .37 | .015 | 1.10 | .043 | 1485 | | | | 49 | .36 | .014 | 2.95 | .116 | 9880 |
| | | 24 | .20 | .008 | 1.20 | .047 | 1488 | | | | *7 | .98 | .039 | 2.95 | .116 | 10376 |
| | 0.75 | 1 | 1.00 | .039 | 1.00 | .039 | 1550 | 10 | | | 1 | 2.59 | .102 | 2.59 | .102 | 10404 |
| | | *16 | .25 | .010 | 1.19 | .047 | 1600 | | | | *105 | .25 | .010 | 2.95 | .116 | 10500 |
| | | 1 | 1.02 | .040 | 1.02 | .040 | 1600 | | | | 84 | .30 | .012 | 3.50 | .138 | 11718 |
| | | 65 | .13 | .005 | 1.19 | .047 | 1625 | | | | 756 | .10 | .004 | 3.70 | .146 | 11718 |
| | | 41 | .16 | .006 | 1.19 | .047 | 1627 | | | | 1 | 2.76 | .109 | 2.76 | .109 | 11807 |
| | 18 | *7 | .40 | .016 | 1.22 | .048 | 1770 | 6.0 | | | 7 | 1.05 | .041 | 3.20 | .126 | 11962 |
| | | 19 | .25 | .010 | 1.24 | .049 | 1900 | | | | 19 | .64 | .025 | 3.30 | .130 | 12063 |

*Strandings required for UL and CSA Certification testing.

This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

| AWG to Metric Wire Crosses | |
|----------------------------|---------------------------|
| AWG | Metric (mm ²) |
| 26-22 | 0.1-0.5 |
| 22-18 | 0.5-1.0 |
| 16-14 | 1.5-2.5 |
| 12-10 | 4.0-6.0 |

Common Conductor Sizes and Strandings Reference Chart (continued)

| Conductor | | Individual Strands | | | Overall Conductor Size | | | Conductor | | Individual Strands | | | Overall Conductor Size | | |
|-----------|------------------------|--------------------|----------|--------|------------------------|-------|--------|------------|------------------------|--------------------|----------|--------|------------------------|-----------|--------------|
| AWG | Metric mm ² | No. | Diameter | | Diameter | | Area | AWG | Metric mm ² | No. | Diameter | | Diameter | | Area |
| | | | mm | In. | mm | In. | | | | | mm | In. | mm | In. | |
| | 6 | 7 | 0.107 | 0.042 | 3.21 | 0.126 | 11840 | | 95 | 19 | 2.57 | 0.101 | 12.8 | 0.505 | 187500 |
| | | 1 | 2.77 | 0.109 | 2.77 | 0.109 | 11840 | | | 37 | 1.83 | 0.072 | 12.5 | 0.504 | 187500 |
| 9 | | 7 | 1.1 | 0.0432 | 3.3 | 0.13 | 13000 | 4/0 | 120 | 19 | 2.89 | 0.1055 | 13.4 | 0.528 | 211600 |
| | | 1 | 2.91 | 0.1144 | 2.91 | 0.114 | 13090 | | | 37 | 2.06 | 0.081 | 14.4 | 0.567 | 237.8 kcmil |
| 8 | | 1 | 3.26 | 0.1285 | 3.25 | 0.128 | 16510 | 250 kcmil | | 37 | 2.07 | 0.0822 | 14.6 | 0.575 | 250 kcmil |
| | | 7 | 1.23 | 0.0486 | 3.7 | 0.146 | 16510 | 300 kcmil | | 150 | 37 | 2.29 | 0.09 | 16 | 0.63 |
| | 10 | 7 | 1.37 | 0.054 | 4.12 | 0.162 | 19740 | 350 kcmil | | 37 | 2.47 | 0.0973 | 17.3 | 0.681 | 350 kcmil |
| | | 1 | 3.58 | 0.141 | 3.58 | 0.141 | 19740 | 185 | | 37 | 2.54 | 0.1 | 17.8 | 0.7 | 365.1 kcmil |
| 7 | | 7 | 1.38 | 0.0545 | 4.15 | 0.164 | 20520 | 400 kcmil | | 37 | 2.64 | 0.104 | 18.5 | 0.728 | 400 kcmil |
| | | 1 | 3.67 | 0.1443 | 3.67 | 0.144 | 20520 | 240 | | 37 | 2.9 | 0.114 | 20.3 | 0.798 | 473.6 kcmil |
| 6 | | 7 | 1.55 | 0.0612 | 4.66 | 0.184 | 26240 | | 240 | 61 | 2.26 | 0.089 | 20.3 | 0.801 | 473.6 kcmil |
| | | 1 | 4.11 | 0.162 | 4.11 | 0.162 | 26240 | | | 37 | 2.95 | 0.1162 | 20.7 | 0.813 | 500 kcmil |
| | 16 | 7 | 1.73 | 0.008 | 5.13 | 0.204 | 31580 | 500 kcmil | | 61 | 2.3 | 0.0905 | 20.7 | 0.814 | 500 kcmil |
| 5 | | 7 | 1.75 | 0.0688 | 5.24 | 0.206 | 33090 | 300 kcmil | | 61 | 2.51 | 0.099 | 22.6 | 0.891 | 592.1 kcmil |
| 4 | | 7 | 1.96 | 0.0772 | 5.88 | 0.232 | 41740 | 600 kcmil | | 61 | 2.52 | 0.0992 | 22.7 | 0.893 | 600 kcmil |
| | 25 | 7 | 2.16 | 0.085 | 6.48 | 0.255 | 49340 | 700 kcmil | | 61 | 2.72 | 0.1071 | 24.5 | 0.964 | 700 kcmil |
| | | 19 | 1.32 | 0.052 | 6.6 | 0.26 | 49340 | 750 kcmil | 61 | 2.82 | 0.1109 | 25.4 | 0.998 | 750 kcmil | |
| 3 | | 7 | 2.2 | 0.0867 | 6.61 | 0.26 | 52620 | 750 kcmil | | 91 | 2.31 | 0.0908 | 25.4 | 0.998 | 750 kcmil |
| 2 | | 7 | 2.47 | 0.0974 | 7.42 | 0.292 | 66300 | 400 | | 61 | 2.9 | 0.114 | 26.1 | 1.026 | 798.4 kcmil |
| | 35 | 7 | 2.54 | 0.1 | 7.62 | 0.300 | 69070 | 800 kcmil | | 61 | 2.91 | 0.1145 | 26.2 | 1.031 | 800 kcmil |
| | | 19 | 1.55 | 0.001 | 7.75 | 0.305 | 69070 | | | 91 | 2.38 | 0.0938 | 26.2 | 1.032 | 800 kcmil |
| 1 | | 19 | 1.5 | 0.0064 | 8.43 | 0.332 | 83690 | 1000 kcmil | 500 | 61 | 3.25 | 0.128 | 28.3 | 1.152 | 986.8 kcmil |
| | 50 | 19 | 1.85 | 0.073 | 9.27 | 0.365 | 98680 | | | 91 | 2.66 | 0.1048 | 29.3 | 1.153 | 1000 kcmil |
| 1/0 | | 19 | 1.59 | 0.0745 | 9.46 | 0.373 | 10500 | | 625 | 91 | 2.97 | 0.117 | 32.7 | 1.287 | 1233.7 kcmil |
| 2/0 | | 19 | 2.13 | 0.0837 | 10.6 | 0.419 | 133100 | | | | | | | | |
| | 70 | 19 | 2.18 | 0.086 | 10.9 | 0.43 | 138100 | | | 91 | 2.66 | 0.1048 | 29.3 | 1.153 | 1000 kcmil |
| 3/0 | | 19 | 2.59 | 0.094 | 11.9 | 0.47 | 167800 | | | | | | | | |
| | | 36 | 1.71 | 0.0673 | 12 | 0.471 | 167800 | | | | | | | | |

This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

| AWG to Metric Wire Crosses | |
|----------------------------|---------------------------|
| AWG | Metric (mm ²) |
| 26-22 | 0.1-0.5 |
| 22-18 | 0.5-1.0 |
| 16-14 | 1.5-2.5 |
| 12-10 | 4.0-6.0 |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

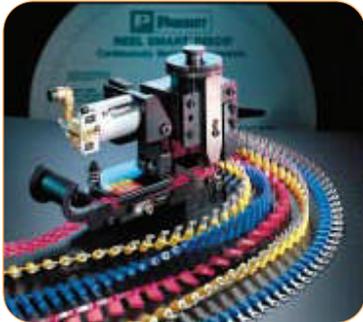
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| B2. Cable Accessories |
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Notes

REEL SMART™ TERMINATION SYSTEM

The PANDUIT® REEL SMART™ System provides the best solution for quality, high volume terminations designed to dramatically reduce set-up time and production downtime. This increased efficiency translates into real cost savings throughout the termination process from start to finish.



One applicator system terminates over 400 continuously molded terminals, reducing cost of ownership

Continuously molded integrated carrier guarantees alignment of terminal; front to back and side to side to eliminate skewing of product resulting in consistent, high quality low cost termination

Available in large reels requiring less product changeover, resulting in less downtime

Applicable sizes are UL Listed and CSA Certified, as noted

Made of electrolytically refined pure copper materials to provide reliable, high conductivity terminations

PANDUIT® CA9 EZAIR™ Universal Applicator works with REEL SMART™ reel-fed terminals to deliver the ultimate in fully automatic, high-capacity termination performance

PANDUIT continually provides new designs with innovative features to meet the application challenges encountered by customers, while providing the lowest installed cost.

Bundle

Route/Protect

Terminate

Identify

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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A. System Overview

Features and Benefits – REEL SMART™ Termination System

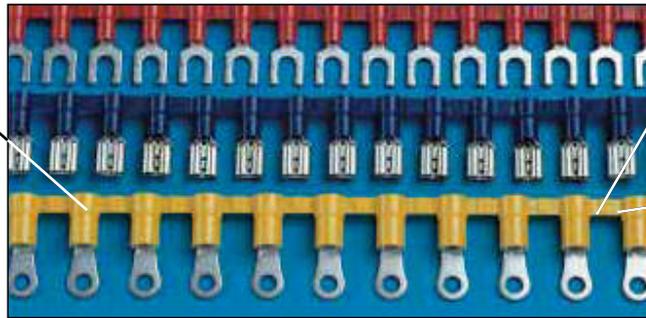
B1. Cable Ties

The PANDUIT continuously molded REEL SMART™ products are designed such that the terminal, disconnect, and butt splice housings are connected by an integral molded carrier in the barrel crimp zone, producing a continuous length of product. Plated metal terminals, disconnects and splices are then assembled into the housings. During termination, the continuously molded components are fed into a universal applicator. This process produces a reel-fed solution that eliminates a variety of problems associated with other reel-fed designs and provides high quality, high capacity product on reels for longer, uninterrupted production runs – resulting in the lowest installed cost.

B2. Cable Accessories

B3. Stainless Steel

Pre-insulated design eliminates the need for post-insulation – resulting in labor savings



Continuously molded design always aligns product with the carrier strip – resulting in trouble free tool operation

Plastic carrier strip eliminates sharp, unplated edges as found on metal strip-fed carriers – providing better corrosion resistance

C1. Wiring Duct

C2. Surface Raceway

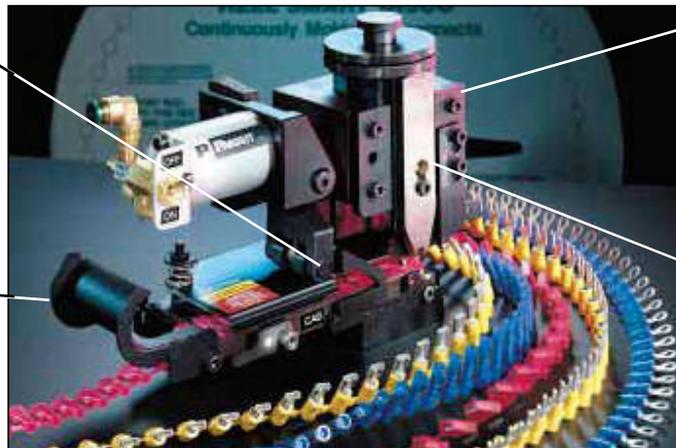
REEL SMART™ CA9 EZAIR™ Universal Applicator

C3. Abrasion Protection

The PANDUIT® CA9 EZAIR™ applicator automatically adjusts feed stroke to the correct pitch and length for the entire product line of continuously molded products. The need for multiple applicators is eliminated. The applicator, in conjunction with the precision, continuously molded product provides perfect front-to-back and side-to-side alignment in the die pocket for a high quality termination every time – resulting in the most optimum system to terminate terminals.

C4. Cable Management

Automatic, self-adjusting feed stroke – resulting in correct pitch and length



Universal applicator installs entire REEL SMART™ product line – resulting in lower tooling inventory costs

Quick change dies – provide fast product change-over and reduction in set-up time

D1. Terminals

Versatile applicator design – allows for use in bench presses, and most automatic wire processing systems

D2. Power & Grounding Connectors

E1. Labeling System

Nylon Insulated Terminals with Insulation Grip Sleeve (Funnel and Non-Funnel Entry Types)

E2. Labels

The 3-piece design terminal provides a permanently attached tin plated brass sleeve for insulation grip in funnel and straight entry sleeve designs. This product feature offers the highest quality reliable terminations. Nylon insulation is rated up to 600V maximum and designed for up to 105°C (221°F) operating temperature maximum. Supplied on rings, forks, locking forks, short locking forks and flanged forks in wire sizes #22 through #10.

E3. Pre-Printed & Write-On Markers



- Sleeved Barrel – assures crimp reliability
- PNF – funnel-entry styles available
- Metal Insulation Crimp – provides DOUBLE CRIMP wire insulation grip sleeve for high vibration or conductor strain environments

- Internal Wire Barrel Serrations – assure good wire contact and maximum tensile strength
- Product Markings – UL and CSA Rated – up to 600V, maximum operating temperature 105°C (221°F)

E4. Lockout/Tagout & Safety Solutions

F. Index

Part Number System for REEL SMART™ Terminals

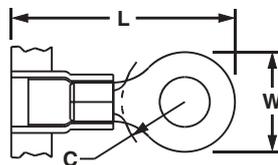
| P | NF | 14 | — | 6 | R | N | 3K |
|----------------------------------|---|--|----------|--|---|---|------------------------------------|
| Type | Insulation | Wire Range | | Stud Size | Tongue Configuration | Special Configuration | Standard Package Size |
| P = Terminal BS = Butt Splice | N = Nylon Insulated NF = Nylon Insulated Funnel Entry V = Vinyl Insulated | 18 = #22 – 18 14 = #16 – 14 12 = #16 – 12 10 = #12 – 10 | | 4 = #4 5 = #5 6 = #6 8 = #8 10 = #10 14 = 1/4" 56 = 5/16" 38 = 3/8" | R = Ring HDR = Heavy Duty Ring F = Fork FF = Fanged Fork LF = Locking Fork SLF = Short Locking Fork P47 = Pin | N = Narrow Tongue W = Wide Tongue B = Butted Seam = Standard (leave blank) | 2K = 2,000 pcs. 3K = 3,000 pcs. |



Ring Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-R

- Metal insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimension (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-------------|------------|------------|-----------------|-----------|-----------|------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PN18-4R-3K | 22-18 AWG | Red | .03 | .145 | #4 | .80 | .25 | .22 | CD9-1A | CD-800-1 | 3000 |
| PN18-6RN-3K | | | | | #6 | .74 | .22 | .18 | | | 3000 |
| PN18-6R-3K | | | | | #6 | .78 | .25 | .22 | | | 3000 |
| PN18-8R-3K | | | | | #8 | .86 | .31 | .25 | | | 3000 |
| PN18-10R-3K | | | | | #10 | .86 | .31 | .25 | | | 3000 |
| PN18-14R-3K | | | | | 1/4" | 1.05 | .45 | .38 | | | 3000 |
| PN14-4R-3K | 16-14 AWG | Blue | .03 | .162 | #4 | .76 | .25 | .22 | CD9-2A | CD-800-2 | 3000 |
| PN14-6RN-3K | | | | | #6 | .76 | .25 | .22 | | | 3000 |
| PN14-6R-3K | | | | | #6 | .86 | .31 | .25 | | | 3000 |
| PN14-8R-3K | | | | | #8 | .86 | .31 | .25 | | | 3000 |
| PN14-10R-3K | | | | | #10 | .86 | .31 | .25 | | | 3000 |
| PN14-14R-3K | | | | | 1/4" | 1.06 | .44 | .38 | | | 3000 |
| PN10-6R-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.06 | .38 | .31 | CD9-3B | CD-800-3 | 2000 |
| PN10-8R-2K | | | | | #8 | 1.06 | .38 | .31 | | | 2000 |
| PN10-10R-2K | | | | | #10 | 1.06 | .38 | .31 | | | 2000 |
| PN10-14R-2K | | | | | 1/4" | 1.21 | .52 | .38 | | | 2000 |
| PN10-56R-2K | | | | | 5/16" | 1.21 | .52 | .38 | | | 2000 |
| PN10-38R-2K | | | | | 3/8" | 1.29 | .58 | .43 | | | 2000 |

A. System Overview



Ring Terminals, Nylon Insulated – Funnel Entry

B1. Cable Ties

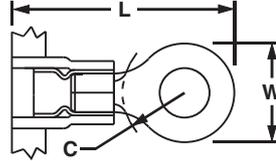
Type PNF-R

- Metal insulation grip sleeve

B2. Cable Accessories



B3. Stainless Steel



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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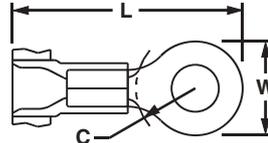
| Part Number | Wire Range | Color Code | Stock Thickness | Max Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------------|------------|------------|-----------------|----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PNF18-4RN-3K | 22-18 AWG | Red | .03 | .145 | #4 | .74 | .22 | .19 | CD9-1A | CD-800-1 | 3000 |
| PNF18-4R-3K | | | | | #4 | .78 | .25 | .21 | | | 3000 |
| PNF18-6RN-3K | | | | | #6 | .74 | .22 | .16 | | | 3000 |
| PNF18-6R-3K | | | | | #6 | .78 | .25 | .21 | | | 3000 |
| PNF18-8R-3K | | | | | #8 | .86 | .31 | .25 | | | 3000 |
| PNF18-10R-3K | | | | | #10 | .86 | .31 | .25 | | | 3000 |
| PNF18-14R-3K | | | | | 1/4" | 1.06 | .46 | .38 | | | 3000 |
| PNF14-4R-3K | 16-14 AWG | Blue | .03 | .162 | #4 | .78 | .25 | .18 | CD9-2A | CD-800-2 | 3000 |
| PNF14-6RN-3K | | | | | #6 | .78 | .25 | .18 | | | 3000 |
| PNF14-6R-3K | | | | | #6 | .87 | .31 | .24 | | | 3000 |
| PNF14-8R-3K | | | | | #8 | .87 | .31 | .25 | | | 3000 |
| PNF14-10R-3K | | | | | #10 | .85 | .31 | .29 | | | 3000 |
| PNF14-14R-3K | | | | | 1/4" | 1.06 | .46 | .40 | | | 3000 |
| PNF10-6R-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.06 | .38 | .31 | CD9-3B | CD-800-3 | 2000 |
| PNF10-8R-2K | | | | | #8 | 1.06 | .38 | .31 | | | 2000 |
| PNF10-10R-2K | | | | | #10 | 1.06 | .38 | .31 | | | 2000 |
| PNF10-14R-2K | | | | | 1/4" | 1.21 | .52 | .38 | | | 2000 |
| PNF10-56R-2K | | | | | 5/16" | 1.21 | .52 | .38 | | | 2000 |
| PNF10-38R-2K | | | | | 3/8" | 1.29 | .58 | .43 | | | 2000 |



Ring Terminals, Vinyl Insulated – Funnel Entry

Type PV-RB

- Insulation support



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel | | | | | | |
|--------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|------|----------------------|-------------------------|-----------------|-----|--------|----------|--------|----------|------|
| | | | | | | L | W | C | | | | | | | | | |
| PV18-4RNB-3K | 22-18 AWG | Red | .03 | .150 | #4 | .74 | .21 | .19 | CD9-1A | CD-800-1 | 3000 | | | | | | |
| PV18-4RB-3K | | | | | #4 | .78 | .25 | .20 | | | 3000 | | | | | | |
| PV18-6RNB-3K | | | | | #6 | .75 | .23 | .19 | | | 3000 | | | | | | |
| PV18-6RB-3K | | | | | #6 | .78 | .25 | .20 | | | 3000 | | | | | | |
| PV18-8RB-3K | | | | | #8 | .86 | .31 | .25 | | | 3000 | | | | | | |
| PV18-10RB-3K | | | | | #10 | .86 | .31 | .25 | | | 3000 | | | | | | |
| PV18-14RB-3K | | | | | 1/4" | 1.06 | .45 | .38 | | | 3000 | | | | | | |
| PV18-56RB-2K | | | | | 5/16" | 1.06 | .46 | .38 | | | 2000 | | | | | | |
| PV18-38RB-2K | | | | | 3/8" | 1.15 | .53 | .43 | | | 2000 | | | | | | |
| PV14-4RB-3K | | | | | 16-14 AWG | Blue | .03 | .170 | | | #4 | .76 | .25 | .22 | CD9-2A | CD-800-2 | 3000 |
| PV14-6RNB-3K | #6 | .76 | .25 | .22 | | | | | 3000 | | | | | | | | |
| PV14-6RB-3K | #6 | .86 | .31 | .25 | | | | | 3000 | | | | | | | | |
| PV14-8RB-3K | #8 | .86 | .31 | .25 | | | | | 3000 | | | | | | | | |
| PV14-10RB-3K | #10 | .86 | .31 | .25 | | | | | 3000 | | | | | | | | |
| PV14-14RB-3K | 1/4" | 1.05 | .45 | .38 | | | | | 3000 | | | | | | | | |
| PV14-56RB-2K | 5/16" | 1.06 | .46 | .38 | | | | | 2000 | | | | | | | | |
| PV14-38RB-2K | 3/8" | 1.15 | .53 | .43 | | | | | 2000 | | | | | | | | |
| PV10-6RB-2K | 12-10 AWG | Yellow | .04 | .225 | | | | | #6 | 1.02 | .31 | .31 | CD9-3B | CD-800-3 | | | 2000 |
| PV10-8RB-2K | | | | | | | | | #8 | 1.02 | .31 | .31 | | | | | 2000 |
| PV10-10RB-2K | | | | | #10 | 1.02 | .31 | .31 | 2000 | | | | | | | | |
| PV10-14RB-2K | | | | | 1/4" | 1.20 | .52 | .38 | 2000 | | | | | | | | |
| PV10-56RB-2K | | | | | 5/16" | 1.20 | .52 | .38 | 2000 | | | | | | | | |
| PV10-38RB-2K | | | | | 3/8" | 1.23 | .58 | .38 | 2000 | | | | | | | | |

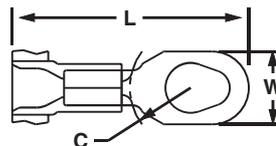


Ring Terminals, Vinyl Insulated – Multiple Stud

Type PV-610RB

- Single terminal for #6, #8 and #10 stud sizes
- Insulation support

- Funnel entry



| Part Number | Wire Range | Color Code | Stock Thickness | Max Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------|------------|------------|-----------------|----------|-------------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PV18-610RB-3K | 22-18 AWG | Red | .03 | .150 | #6, #8, #10 | .95 | .31 | .25 | CD9-1A | CD-800-1 | 3000 |
| PV14-610RB-3K | 16-14 AWG | Blue | .03 | .170 | | .95 | .31 | .25 | CD9-2A | CD-800-2 | 3000 |
| PV10-610RB-2K | 12-10 AWG | Yellow | .04 | .225 | | 1.17 | .37 | .31 | CD9-3B | CD-800-3 | 2000 |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

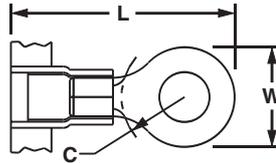
F. Index



Ring Terminals, Nylon Insulated – Heavy Duty

Type PN-HDR

- Metal insulation grip sleeve
- Heavy stock



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PN12-6HDR-2K | 16-12 AWG | Yellow | .05 | .225 | #6 | 1.02 | .31 | .31 | CD9-3B | CD-800-3 | 2000 |
| PN12-8HDR-2K | | | | | #8 | 1.02 | .31 | .31 | | | 2000 |
| PN12-10HDR-2K | | | | | #10 | 1.05 | .38 | .31 | | | 2000 |
| PN12-14HDR-2K | | | | | 1/4" | 1.20 | .52 | .38 | | | 2000 |
| PN12-56HDR-2K | | | | | 5/16" | 1.20 | .52 | .38 | | | 2000 |
| PN12-38HDR-2K | | | | | 3/8" | 1.28 | .58 | .38 | | | 2000 |

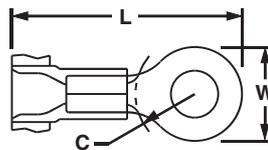


Ring Terminals, Vinyl Insulated – Heavy Duty

Type PV-HDRB

- Funnel entry
- Insulation support

- Heavy stock



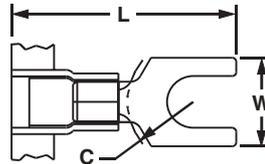
| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PV12-6HDRB-2K | 16-12 AWG | Yellow | .05 | .225 | #6 | 1.03 | .31 | .36 | CD9-3B | CD-800-3 | 2000 |
| PV12-8HDRB-2K | | | | | #8 | 1.03 | .31 | .36 | | | 2000 |
| PV12-10HDRB-2K | | | | | #10 | 1.06 | .37 | .36 | | | 2000 |
| PV12-14HDRB-2K | | | | | 1/4" | 1.23 | .52 | .43 | | | 2000 |
| PV12-56HDRB-2K | | | | | 5/16" | 1.23 | .52 | .43 | | | 2000 |
| PV12-38HDRB-2K | | | | | 3/8" | 1.30 | .58 | .48 | | | 2000 |



Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-F

- Metal insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PN18-6FN-3K* | 22-18 AWG | Red | .03 | .145 | #6 | .78 | .25 | .20 | CD9-1A | CD-800-1 | 3000 |
| PN18-6F-3K | | | | | #6 | .78 | .30 | .20 | | | 3000 |
| PN18-8F-3K | | | | | #8 | .84 | .32 | .23 | | | 3000 |
| PN18-10FN-3K* | | | | | #10 | .86 | .31 | .25 | | | 3000 |
| PN18-10F-3K | | | | | #10 | .86 | .35 | .25 | | | 3000 |
| PN18-14F-3K | | | | | 1/4" | 1.03 | .44 | .33 | | | 3000 |
| PN14-6FN-3K* | 16-14 AWG | Blue | .03 | .162 | #6 | .78 | .24 | .19 | CD9-2A | CD-800-2 | 3000 |
| PN14-6F-3K | | | | | #6 | .78 | .28 | .19 | | | 3000 |
| PN14-8F-3K | | | | | #8 | .84 | .31 | .23 | | | 3000 |
| PN14-10FN-3K* | | | | | #10 | .86 | .31 | .24 | | | 3000 |
| PN14-10F-3K | | | | | #10 | .86 | .34 | .24 | | | 3000 |
| PN14-14F-3K | | | | | 1/4" | 1.03 | .44 | .32 | | | 3000 |
| PN10-6F-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.00 | .31 | .24 | CD9-3B | CD-800-3 | 2000 |
| PN10-8F-2K | | | | | #8 | 1.03 | .37 | .24 | | | 2000 |
| PN10-10F-2K | | | | | #10 | 1.04 | .37 | .24 | | | 2000 |
| PN10-14F-2K | | | | | 1/4" | 1.14 | .49 | .32 | | | 2000 |

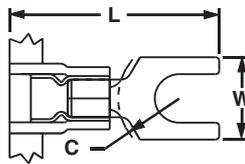
*Not UL Listed or CSA Certified.



Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-F

- Metal insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel | | | | | | |
|---------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|------|----------------------|-------------------------|-----------------|-----|--------|----------|--------|----------|------|
| | | | | | | L | W | C | | | | | | | | | |
| PNF18-6FN-3K* | 22-18 AWG | Red | .03 | .145 | #6 | .77 | .24 | .19 | CD9-1A | CD-800-1 | 3000 | | | | | | |
| PNF18-6F-3K | | | | | #6 | .78 | .30 | .19 | | | 3000 | | | | | | |
| PNF18-8F-3K | | | | | #8 | .83 | .32 | .22 | | | 3000 | | | | | | |
| PNF18-10F-3K | | | | | #10 | .85 | .35 | .24 | | | 3000 | | | | | | |
| PNF18-14F-3K | | | | | 1/4" | 1.02 | .44 | .33 | | | 3000 | | | | | | |
| PNF14-6FN-3K* | | | | | 16-14 AWG | Blue | .03 | .162 | | | #6 | .78 | .24 | .19 | CD9-2A | CD-800-2 | 3000 |
| PNF14-6F-3K | #6 | .78 | .28 | .19 | | | | | 3000 | | | | | | | | |
| PNF14-8F-3K | #8 | .84 | .31 | .23 | | | | | 3000 | | | | | | | | |
| PNF14-10F-3K | #10 | .86 | .34 | .24 | | | | | 3000 | | | | | | | | |
| PNF10-6F-2K | 12-10 AWG | Yellow | .04 | .225 | | | | | #6 | 1.01 | .31 | .24 | CD9-3B | CD-800-3 | | | 2000 |
| PNF10-8F-2K | | | | | | | | | #8 | 1.02 | .37 | .24 | | | | | 2000 |

*Not UL Listed or CSA Certified.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

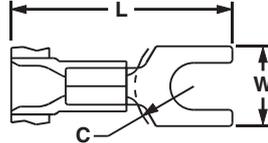
A. System Overview



Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-FB

- Insulation support



B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PV18-6FNB-3K* | 22-18 AWG | Red | .03 | .150 | #6 | .78 | .25 | .20 | CD9-1A | CD-800-1 | 3000 |
| PV18-6FB-3K | | | | | #6 | .78 | .30 | .20 | | | 3000 |
| PV18-8FB-3K* | | | | | #8 | .84 | .32 | .23 | | | 3000 |
| PV18-10FB-3K | | | | | #10 | .86 | .35 | .25 | | | 3000 |
| PV18-14FB-3K | | | | | 1/4" | 1.03 | .44 | .33 | | | 3000 |
| PV14-6FNB-3K* | 16-14 AWG | Blue | .03 | .170 | #6 | .78 | .24 | .19 | CD9-2A | CD-800-2 | 3000 |
| PV14-6FB-3K | | | | | #6 | .78 | .28 | .19 | | | 3000 |
| PV14-8FB-3K | | | | | #8 | .84 | .31 | .23 | | | 3000 |
| PV14-10FNB-3K* | | | | | #10 | .86 | .31 | .24 | | | 3000 |
| PV14-10FB-3K | | | | | #10 | .86 | .34 | .24 | | | 3000 |
| PV14-14FB-3K | 1/4" | 1.03 | .44 | .32 | 3000 | | | | | | |
| PV10-6FB-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | .99 | .31 | .22 | CD9-3B | CD-800-3 | 2000 |
| PV10-8FB-2K | | | | | #8 | 1.00 | .38 | .22 | | | 2000 |
| PV10-10FB-2K | | | | | #10 | 1.04 | .38 | .22 | | | 2000 |
| PV10-14FB-2K | | | | | 1/4" | 1.13 | .49 | .32 | | | 2000 |

*Not UL Listed or CSA Certified.

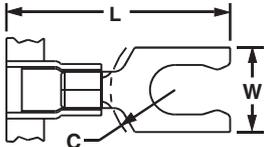
D1. Terminals



Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-LF

- Metal insulation grip sleeve



E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

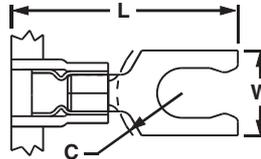
| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PN18-6LF-3K | 22-18 AWG | Red | .03 | .145 | #6 | .82 | .24 | .19 | CD9-1A | CD-800-1 | 3000 |
| PN18-8LF-3K | | | | | #8 | .89 | .29 | .23 | | | 3000 |
| PN18-10LF-3K | | | | | #10 | .89 | .33 | .23 | | | 3000 |
| PN14-6LF-3K | 16-14 AWG | Blue | .03 | .162 | #6 | .85 | .25 | .18 | CD9-2A | CD-800-2 | 3000 |
| PN14-8LF-3K | | | | | #8 | .92 | .29 | .23 | | | 3000 |
| PN14-10LF-3K | | | | | #10 | .92 | .33 | .23 | | | 3000 |
| PN10-6LF-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.02 | .30 | .21 | CD9-3B | CD-800-3 | 2000 |
| PN10-8LF-2K | | | | | #8 | 1.05 | .30 | .21 | | | 2000 |
| PN10-10LF-2K | | | | | #10 | 1.05 | .34 | .21 | | | 2000 |



Locking Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-LF

- Metal insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-----------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PNF18-6LF-3K | 22-18 AWG | Red | .03 | .145 | #6 | .85 | .27 | .19 | CD9-1A | CD-800-1 | 3000 |
| PNF18-6LFW-3K | | | | | #6 | .85 | .29 | .19 | | | 3000 |
| PNF18-8LF-3K | | | | | #8 | .89 | .29 | .23 | | | 3000 |
| PNF18-10LF-3K | | | | | #10 | .89 | .33 | .23 | | | 3000 |
| PNF14-6LF-3K | 16-14 AWG | Blue | .03 | .162 | #6 | .85 | .25 | .18 | CD9-2A | CD-800-2 | 3000 |
| PNF14-8LF-3K | | | | | #8 | .92 | .29 | .23 | | | 3000 |
| PNF14-10LFN-3K* | | | | | #10 | .92 | .28 | .23 | | | 3000 |
| PNF14-10LF-3K | | | | | #10 | .92 | .33 | .23 | | | 3000 |
| PNF10-6LF-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.02 | .30 | .21 | CD9-3B | CD-800-3 | 2000 |
| PNF10-8LF-2K | | | | | #8 | 1.05 | .30 | .21 | | | 2000 |
| PNF10-10LF-2K | | | | | #10 | 1.05 | .34 | .21 | | | 2000 |
| PNF10-14LF-2K | | | | | 1/4" | 1.19 | .46 | .32 | | | 2000 |

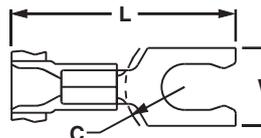
*Not UL Listed or CSA Certified.



Locking Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-LFB

- Insulation support



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|----------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PV18-6LFB-3K | 22-18 AWG | Red | .03 | .150 | #6 | .80 | .27 | .19 | CD9-1A | CD-800-1 | 3000 |
| PV18-6LFWB-3K | | | | | #6 | .83 | .29 | .19 | | | 3000 |
| PV18-8LFB-3K | | | | | #8 | .87 | .29 | .23 | | | 3000 |
| PV18-10LFB-3K | | | | | #10 | .87 | .29 | .23 | | | 3000 |
| PV18-10LFB-3K* | | | | | #10 | .87 | .33 | .23 | | | 3000 |
| PV14-6LFB-3K | 16-14 AWG | Blue | .03 | .170 | #6 | .85 | .25 | .18 | CD9-2A | CD-800-2 | 3000 |
| PV14-6LFWB-3K | | | | | #6 | .85 | .29 | .18 | | | 3000 |
| PV14-8LFB-3K | | | | | #8 | .92 | .29 | .23 | | | 3000 |
| PV14-10LFB-3K | | | | | #10 | .92 | .33 | .23 | | | 3000 |
| PV10-6LFB-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | 1.02 | .30 | .21 | CD9-3B | CD-800-3 | 2000 |
| PV10-8LFB-2K | | | | | #8 | 1.04 | .30 | .21 | | | 2000 |
| PV10-10LFB-2K | | | | | #10 | 1.04 | .34 | .21 | | | 2000 |
| PV10-14LFB-2K | | | | | 1/4" | 1.16 | .46 | .32 | | | 2000 |

*Not UL Listed or CSA Certified.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

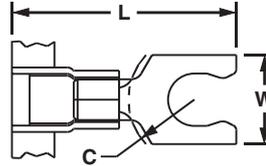
A. System Overview



Short Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-SLF

- Metal insulation grip sleeve



B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PN18-5SLF-3K | 22-18 AWG | Red | .03 | .145 | #5 | .75 | .26 | .19 | CD9-1A | CD-800-1 | 3000 |
| PN18-6SLF-3K | | | | | #6 | .75 | .27 | .19 | | | 3000 |
| PN18-8SLF-3K | | | | | #8 | .79 | .29 | .23 | | | 3000 |
| PN18-10SLF-3K | | | | | #10 | .80 | .33 | .23 | | | 3000 |
| PN14-5SLF-3K | 16-14 AWG | Blue | .03 | .162 | #5 | .75 | .25 | .19 | CD9-2A | CD-800-2 | 3000 |
| PN14-6SLF-3K | | | | | #6 | .75 | .25 | .19 | | | 3000 |
| PN14-8SLF-3K | | | | | #8 | .80 | .29 | .23 | | | 3000 |
| PN14-10SLF-3K | | | | | #10 | .81 | .33 | .23 | | | 3000 |
| PN10-8SLF-2K | 12-10 AWG | Yellow | .04 | .225 | #8 | .92 | .29 | .22 | CD9-3B | CD-800-3 | 2000 |
| PN10-10SLF-2K | | | | | #10 | .92 | .33 | .22 | | | 2000 |

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

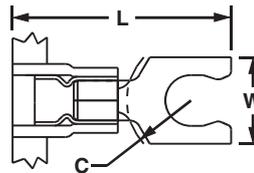
F. Index



Short Locking Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-SLF

- Metal insulation grip sleeve



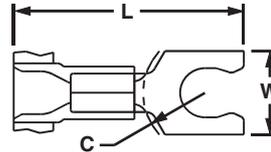
| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PNF18-5SLF-3K | 22-18 AWG | Red | .03 | .145 | #5 | .73 | .26 | .19 | CD9-1A | CD-800-1 | 3000 |
| PNF18-6SLF-3K | | | | | #6 | .74 | .27 | .19 | | | 3000 |
| PNF18-8SLF-3K | | | | | #8 | .80 | .29 | .23 | | | 3000 |
| PNF18-10SLF-3K | | | | | #10 | .80 | .33 | .23 | | | 3000 |
| PNF14-6SLF-3K | 16-14 AWG | Blue | .03 | .162 | #6 | .75 | .25 | .19 | CD9-2A | CD-800-2 | 3000 |
| PNF14-10SLF-3K | | | | | #10 | .81 | .33 | .23 | | | 3000 |
| PNF10-6SLF-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | .91 | .25 | .17 | CD9-3B | CD-800-3 | 2000 |
| PNF10-8SLF-2K | | | | | #8 | .92 | .29 | .22 | | | 2000 |
| PNF10-10SLF-2K | | | | | #10 | .93 | .33 | .22 | | | 2000 |



Short Locking Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-SLFB

- Insulation support



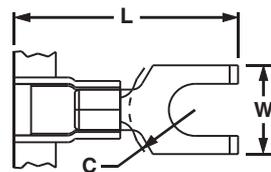
| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|----------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PV18-5SLFB-3K | 22-18 AWG | Red | .03 | .150 | #5 | .72 | .26 | .19 | CD9-1A | CD-800-1 | 3000 |
| PV18-6SLFB-3K | | | | | #6 | .72 | .27 | .19 | | | 3000 |
| PV18-8SLFB-3K | | | | | #8 | .77 | .29 | .23 | | | 3000 |
| PV18-10SLFB-3K | | | | | #10 | .78 | .33 | .23 | | | 3000 |
| PV14-6SLFB-3K | 16-14 AWG | Blue | .03 | .170 | #6 | .75 | .25 | .19 | CD9-2A | CD-800-2 | 3000 |
| PV14-8SLFB-3K | | | | | #8 | .80 | .29 | .23 | | | 3000 |
| PV14-10SLFB-3K | | | | | #10 | .81 | .33 | .23 | | | 3000 |
| PV14-14SLFB-3K | | | | | 1/4" | .90 | .44 | .29 | | | 3000 |
| PV10-6SLFB-2K | 12-10 AWG | Yellow | .04 | .225 | #6 | .84 | .25 | .17 | CD9-3B | CD-800-3 | 2000 |
| PV10-8SLFB-2K | | | | | #8 | .90 | .29 | .22 | | | 2000 |
| PV10-10SLFB-2K | | | | | #10 | .91 | .33 | .22 | | | 2000 |



Flanged Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-FF

- Metal insulation grip sleeve



| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|--------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PN18-6FF-3K | 22-18 AWG | Red | .03 | .136 | #6 | .80 | .28 | .19 | CD9-1A | CD-800-1 | 3000 |
| PN18-8FF-3K | | | | | #8 | .87 | .31 | .23 | | | 3000 |
| PN18-10FF-3K | | | | | #10 | .87 | .35 | .23 | | | 3000 |
| PN14-6FF-3K | 16-14 AWG | Blue | .03 | .162 | #6 | .80 | .28 | .19 | CD9-2A | CD-800-2 | 3000 |
| PN14-8FF-3K | | | | | #8 | .87 | .31 | .23 | | | 3000 |
| PN14-10FF-3K | | | | | #10 | .87 | .35 | .23 | | | 3000 |
| PN10-8FF-2K | 12-10 AWG | Yellow | .04 | .225 | #8 | 1.05 | .38 | .22 | CD9-3B | CD-800-3 | 2000 |
| PN10-10FF-2K | | | | | #10 | 1.05 | .38 | .22 | | | 2000 |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



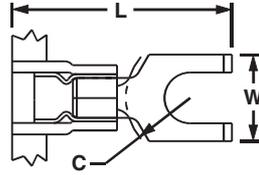
Flanged Fork Terminals, Nylon Insulated – Funnel Entry

B1. Cable Ties

Type PNF-FF

- Metal insulation grip sleeve

B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PNF18-6FF-3K | 22-18 AWG | Red | .03 | .145 | #6 | .80 | .28 | .19 | CD9-1A | CD-800-1 | 3000 |
| PNF18-8FF-3K | | | | | #8 | .87 | .31 | .23 | | | 3000 |
| PNF18-10FF-3K | | | | | #10 | .86 | .35 | .23 | | | 3000 |
| PNF14-6FF-3K | 16-14 AWG | Blue | .03 | .162 | #6 | .80 | .28 | .19 | CD9-2A | CD-800-2 | 3000 |
| PNF14-8FF-3K | | | | | #8 | .87 | .31 | .23 | | | 3000 |
| PNF14-10FF-3K | | | | | #10 | .87 | .35 | .23 | | | 3000 |
| PNF10-8FF-2K | 12-10 AWG | Yellow | .04 | .225 | #8 | 1.05 | .38 | .24 | CD9-3B | CD-800-3 | 2000 |
| PNF10-10FF-2K | | | | | #10 | 1.05 | .38 | .24 | | | 2000 |

D1. Terminals

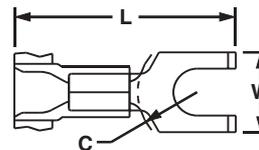


Flanged Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-FFB

- Insulation support

D2. Power & Grounding Connectors



E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

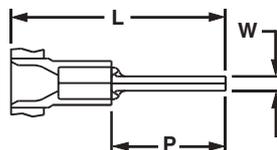
F. Index

| Part Number | Wire Range | Color Code | Stock Thickness | Max. Ins. | Stud Size | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|----------------------|------------|------------|-----------------|-----------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | | | L | W | C | | | |
| PV18-6FFB-3K | 22-18 AWG | Red | .03 | .150 | #6 | .80 | .28 | .19 | CD9-1A | CD-800-1 | 3000 |
| PV18-8FFB-3K | | | | | #8 | .87 | .31 | .23 | | | 3000 |
| PV18-10FFB-3K | | | | | #10 | .86 | .35 | .23 | | | 3000 |
| PV14-6FFB-3K | 16-14 AWG | Blue | .03 | .170 | #6 | .80 | .28 | .19 | CD9-2A | CD-800-2 | 3000 |
| PV14-8FFB-3K | | | | | #8 | .86 | .31 | .23 | | | 3000 |
| PV14-10FFB-3K | | | | | #10 | .86 | .35 | .23 | | | 3000 |
| PV10-8FFB-2K | 12-10 AWG | Yellow | .04 | .225 | #8 | 1.03 | .37 | .22 | CD9-3B | CD-800-3 | 2000 |
| PV10-10FFB-2K | | | | | #10 | 1.03 | .37 | .22 | | | 2000 |

Pin Terminals, Vinyl Insulated – Funnel Entry

Type PV-PB

- Insulation support

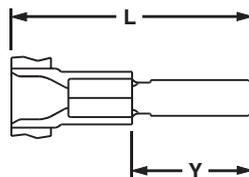


| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---------------------|------------|------------|-----------|-------------------------|-----|-----|----------------------|-------------------------|-----------------|
| | | | | L | W | Y | | | |
| PV18-P47B-3K | 22-18 AWG | Red | .150 | .90 | .07 | .49 | CD9-1A | CD-800-1 | 3000 |
| PV14-P47B-3K | 16-14 AWG | Blue | .170 | .90 | .07 | .49 | CD9-2A | CD-800-2 | 3000 |

Male Blade Adapters, Vinyl Insulated – Funnel Entry

Type DV-MB

- Insulation support



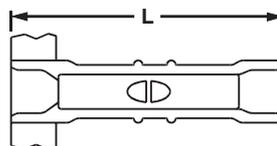
| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size In. | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|----------------------|------------|------------|-----------|-------------------------|-----|--------------|----------------------|-------------------------|-----------------|
| | | | | L | Y | | | | |
| DV18-145MB-3K | 22-18 AWG | Red | .155 | .90 | .42 | .145 x .032 | CD9-1A | CD-800-1 | 3000 |
| DV14-145MB-3K | 16-14 AWG | Blue | .175 | .90 | .42 | .145 x .032 | CD9-2A | CD-800-2 | 3000 |



Butt Splices Nylon Insulated and Premium Grade Nylon

Type BSN, BSP

- One side machine applied termination replaces manual crimping
- Funnel entry on machine termination side to increase productivity
- Also hand crimped with *PANDUIT* CT-100 or CT-1550/CT-1551 crimping tools
- Barrel locating ribs provide for accurate hand tool placement
- Available with insulation crimp premium grade nylon
- Brazed seam with center wire stop for increased performance and productivity



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-----------------|------------|------------|-----------|-------------------------|----------------------|-------------------------|-----------------|
| | | | | L | | | |
| BSN18-3K | 22-16 AWG | Red | .150 | .95 | CD9-1A | CD-800-1 | 3000 |
| BSN14-3K | 18-14 AWG | Blue | .170 | .95 | CD9-2A | CD-800-2 | 3000 |
| BSN10-2K | 12-10 AWG | Yellow | .230 | .95 | CD9-17B | CD-800-17 | 2000 |
| BSP18-3K | 22-16 AWG | Red | .150 | .96 | CD9-1A | CD-800-1 | 3000 |
| BSP14-3K | 18-14 AWG | Blue | .170 | .96 | CD9-2A | CD-800-2 | 3000 |

A. System Overview

Features and Benefits – REEL SMART™ Disconnects

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

SUPRA-GRIP™ Nylon Fully Insulated Funnel Entry, Female Receptacle Type DNG-FB

Available in tab sizes to accommodate .187" or .250" tabs

Fully insulated design provides protection from electrical shorts

Maximum insulation temperature 105°C (221°F)

Fully integrated metal insulation grip for high vibration, high strain relief and double crimp requirements.

Continuously molded design provides reliable, consistent performance through applicator

Funnel entry for faster wire insertion and lower installed cost



UL and CSA Rated up to 600V per UL310

DISCO-LOK™ Nylon Fully Insulated, Funnel Entry, Female Receptacle Type DNG-FL

Available in tab sizes to accommodate .250" tabs

Unique locking mechanism allows for low insertion (mating) and positive locking for secure connections

Maximum insulation temperature 105°C (221°F)

Continuously molded design provides reliable, consistent performance through applicator

Insulation grip sleeve provides a superior insulation crimp for high vibration and high strain relief applications

Funnel entry for faster wire insertion and lower installed cost



UL and CSA rated up to 300V

Standard and Premium Nylon Fully Insulated, Funnel Entry, Females Receptacles and Male Tabs Type DNF and DPF

Available in tab sizes to accommodate .110", .187", .205" or .250" tabs

Fully insulated design provides protection from electrical shorts

Maximum insulation temperature 125°C (257°F)

Insulation support restricts excessive wire movement to minimize stress on crimp joint

Continuously molded design provides reliable, consistent performance through applicator

Expanded wire entry (on select sizes) accommodates large insulation or multiple wires

Funnel entry for faster wire insertion and lower installed cost



UL and CSA Rated up to 600V per UL310

Vinyl Barrel Insulated Funnel Entry, Female Receptacles and Male Tabs Type DV

Available in tab sizes to accommodate .187", .205" or .250" tabs

Continuously molded design provides reliable, consistent performance through applicator

Insulation support to protect electrical crimp

Insulation grip sleeve provides a superior insulation crimp for high vibration and high strain relief applications



UL and CSA Rated up to 600V



High speed electric presses provide for fast terminations.

See [page D1.107](#).



Fully Automatic Cable Tie Installation Systems offer an efficient solution for high volume harnessing, assembly, fastening and packaging applications.

See [pages B1.95 – B1.98](#).

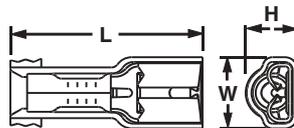
Part Number System for REEL SMART™ Disconnects

| D | NF | 14 | 250 | FIB | 3K |
|-----------------|--|---|---|---|---|
| Type | Insulation | Wire Range | Size and Type | Special Configuration | Standard Package Size |
| D = Disconnects | NF = Nylon Funnel Entry NG = Nylon Funnel Entry Metal Insulation Grip NFR = Nylon Funnel Entry Right Angle PF = Premium Grade Nylon (Double Crimp) V = Vinyl | 18 = #22-18 14 = #16-14 10 = #12-10 | 110 = .110 x .032 Tab Size 111 = .110 x .020 Tab Size 145 = .145 x .032 Tab Size 187 = .187 x .032 Tab Size 188 = .187 x .020 Tab Size 205 = .187/.205 x .032 Tab Size 206 = .187/.205 x .020 Tab Size 250 = .250 x .032 Tab Size .187/.205: Expandable receptacle will accept male tabs from .187" to .205" widths in .032" or .020" thick styles. Fully reliable connection through all widths. | B = Butted Seam C = Compression Tab FB = Metal Insulation Grip, Female FL = Fully Insulated Positive Locking Female FIB = Fully Insulated, Butted Seam, Female FIBX = Fully Insulated, Butted Seam, Female, Expanded Wire Entry FIM = Fully Insulated Male FIMB = Fully Insulated, Male, Oversized Housing FIMX = Fully Insulated, Male, Expanded Wire Entry M = Male MB = Male Butted Seam | K = 1,000 KD = 1,500 2K = 2,000 3K = 3,000 |

SUPRA-GRIP™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNG-FB

- Integrated metal insulation grip



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-----------------|------------|------------|-----------|-------------------------|-----|-----|-------------|----------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| DNG18-187FB-3K | 22-18 AWG | Red | .126 | .89 | .29 | .22 | .187 x .032 | 4.7 x .8 | CD9-15A | CD-800-15 | 3000 |
| DNG18-188FB-3K | | | | .89 | .29 | .22 | .187 x .020 | 4.7 x .5 | | | 3000 |
| DNG18-250FB-3K | | | | .93 | .35 | .23 | .250 x .032 | 6.3 x .8 | | | 3000 |
| DNG14-187FB-3K* | 16-14 AWG | Blue | .153 | .89 | .29 | .25 | .187 x .032 | 4.7 x .8 | CD9-16A | CD-800-16 | 3000 |
| DNG14-188FB-3K* | | | | .89 | .29 | .25 | .187 x .020 | 4.7 x .5 | | | 3000 |
| DNG14-250FB-3K | | | | .93 | .35 | .25 | .250 x .032 | 6.3 x .8 | | | 3000 |

*UL recognized for use with brass tabs only.

A. System Overview

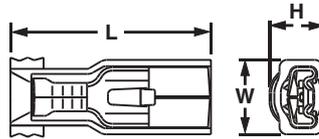
DISCO-LOK™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

B1. Cable Ties

Type DNG-FL

- Positive locking mechanism
- Integrated metal insulation grip

B2. Cable Accessories



B3. Stainless Steel

C1. Wiring Duct

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|-----------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|----------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| DNG18-250FL-3K | 22-18 AWG | Red | .126 | .97 | .36 | .24 | .250 x .032 | 6.3 x .8 | CD9-14A | CD-800-14 | 3000 |
| DNG14-250FL-3K | 16-14 AWG | Blue | .150 | .97 | .36 | .25 | .250 x .032 | 6.3 x .8 | CD9-14A | CD-800-14 | 3000 |

C2. Surface Raceway

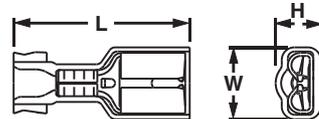
C3. Abrasion Protection

Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNF-FIB

- Insulation support
- Internal wire stop

C4. Cable Management



D1. Terminals

D2. Power & Grounding Connectors

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|--------------------------|------------|------------|-----------|-------------------------|-----|-----|------------------|--------------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| DNF18-110FIB-3K | 22-18 AWG | Red | .120 | .71 | .19 | .15 | .110 x .032 | 2.8 x .8 | CD9-7A | CD-800-7 | 3000 |
| DNF18-111FIB-3K | | Red | .120 | .71 | .19 | .15 | .110 x .020 | 2.8 x .5 | CD9-7A | CD-800-7 | 3000 |
| DNF18-112FIB-3K* | | Natural | .120 | .71 | .19 | .15 | .110 x .010 | 2.8 x .3 | CD9-7A | CD-800-7 | 3000 |
| DNF18-187FIB-3K | | Red | .136 | .78 | .29 | .16 | .187 x .032 | 4.8 x .8 | CD9-4A | CD-800-4 | 3000 |
| DNF18-188FIB-3K | | Red | .136 | .78 | .29 | .16 | .187 x .020 | 4.8 x .5 | CD9-4A | CD-800-4 | 3000 |
| DNF18-205FIB-3K | | Red | .136 | .78 | .31 | .22 | .187/.205 x .032 | 4.8/5.2 x .8 | CD9-4A | CD-800-4 | 3000 |
| DNF18-206FIB-3K | | Red | .136 | .78 | .31 | .22 | .187/.205 x .020 | 4.8/5.2 x .5 | CD9-4A | CD-800-4 | 3000 |
| DNF18-250FIB-3K** | | Red | .136 | .84 | .35 | .22 | .250 x .032 | 6.3 x .8 | CD9-4A | CD-800-4 | 3000 |
| DNF14-187FIB-3K | 16-14 AWG | Blue | .160 | .78 | .29 | .18 | .187 x .032 | 4.8 x .8 | CD9-5A | CD-800-5 | 3000 |
| DNF14-188FIB-3K | | | .160 | .78 | .29 | .18 | .187 x .020 | 4.8 x .5 | CD9-5A | CD-800-5 | 3000 |
| DNF14-205FIB-3K | | | .160 | .78 | .31 | .22 | .187/.205 x .032 | 4.8/5.2 x .8 | CD9-5A | CD-800-5 | 3000 |
| DNF14-206FIB-3K | | | .160 | .78 | .31 | .22 | .187/.205 x .020 | 4.8/5.2 x .5 | CD9-5A | CD-800-5 | 3000 |
| DNF14-250FIB-3K | | | .160 | .84 | .35 | .22 | .250 x .032 | 6.3 x .8 | CD9-5A | CD-800-5 | 3000 |
| DNF10-250FIB-2K | 12-10 AWG | Yellow | .220 | .96 | .35 | .23 | .250 x .032 | 6.3 x .8 | CD9-13B | CD-800-13 | 2000 |
| DNF10250FIBC-2K† | | | .220 | .96 | .35 | .23 | .250 x .032 | 6.4 x .8 | CD9-13B | CD-800-13 | 2000 |

*UL/CSA standards do not exist for .110" x .010" receptacles.

**UL with 17 AWG wire.

†Compressor tab disconnect to fit .250" tabs with a post style support.

E4. Lockout/Tagout & Safety Solutions

F. Index

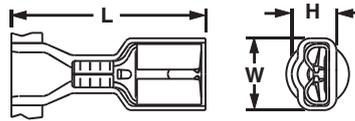


Disco™ Female Disconnects, Nylon Fully Insulated – Expanded Wire Entry

Type DNF-FIBX

- Funnel entry
- Insulation support

- Internal wire stop
- Expanded wire entry area for large wire insulation O.D.



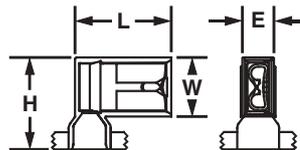
| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|------------------------|------------|------------|-----------|-------------------------|-----|-----|------------------|--------------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| DNF18205FIBX-2K | 22-18 AWG | Red | .210 | .87 | .31 | .22 | .187/.205 x .032 | 4.8/5.2 x .8 | CD9-6B | CD-800-6 | 2000 |
| DNF18206FIBX-2K | | | | .87 | .31 | .22 | .187/.205 x .020 | 4.8/5.2 x .5 | | | 2000 |
| DNF18250FIBX-2K | | | | .93 | .35 | .22 | .250 x .032 | 6.3 x .8 | | | 2000 |
| DNF14205FIBX-2K | 16-14 AWG | Blue | .240 | .87 | .31 | .22 | .187/.205 x .032 | 4.8/5.2 x .8 | CD9-8B | CD-800-8 | 2000 |
| DNF14206FIBX-2K | | | | .87 | .31 | .22 | .187/.205 x .020 | 4.8/5.2 x .5 | | | 2000 |
| DNF14250FIBX-2K | | | | .93 | .35 | .22 | .250 x .032 | 6.3 x .8 | | | 2000 |



Disco™ Female Disconnects, Nylon Fully Insulated – Right Angle

Type DNFR-FIB

- Funnel entry
- Insulation support



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|------------------------|------------|------------|-----------|-------------------------|-----|-----|-----|------------------|--------------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | E | In. | mm | | | |
| DNFR18205FIB-KD | 22-18 AWG | Red | .178 | .60 | .37 | .57 | .12 | .187/.205 x .032 | 4.8/5.2 x .8 | CD9-9C | CD-800-9 | 1500 |
| DNFR18206FIB-KD | | | | .60 | .37 | .57 | .12 | .187/.205 x .020 | 4.8/5.2 x .5 | | | 1500 |
| DNFR18250FIB-KD | | | | .60 | .37 | .57 | .12 | .250 x .032 | 6.3 x .8 | | | 1500 |
| DNFR14205FIB-KD | 16-14 AWG | Blue | .178 | .60 | .37 | .57 | .12 | .187/.205 x .032 | 4.8/5.2 x .8 | CD9-9C | CD-800-9 | 1500 |
| DNFR14206FIB-KD | | | | .60 | .37 | .57 | .12 | .187/.205 x .020 | 4.8/5.2 x .5 | | | 1500 |
| DNFR14250FIB-KD | | | | .60 | .37 | .57 | .12 | .250 x .032 | 6.3 x .8 | | | 1500 |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Disco™ Female Disconnects, Vinyl Barrel Insulated – Funnel Entry

B1. Cable Ties

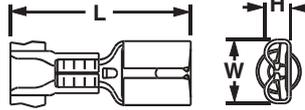
Type DV-B

- Insulation support
- Internal wire stop

B2. Cable Accessories



B3. Stainless Steel



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|------------------------|------------|------------|-----------|-------------------------|-----|------------------|--------------|----------------------|-------------------------|-----------------|
| | | | | L | W | In. | mm | | | |
| DV18-187B-3K | 22-18 AWG | Red | .150 | .77 | .23 | .187 x .032 | 4.8 x .8 | CD9-1A | CD-800-1 | 3000 |
| DV18-188B-3K | | | .150 | .77 | .23 | .187 x .020 | 4.8 x .5 | | | 3000 |
| DV18-205B-3K | | | .150 | .77 | .25 | .187/.205 x .032 | 4.8/5.2 x .8 | | | 3000 |
| DV18-206B-3K | | | .150 | .77 | .25 | .187/.205 x .020 | 4.8/5.2 x .5 | | | 3000 |
| DV18-250B-3K | | | .150 | .83 | .29 | .250 x .032 | 6.3 x .8 | | | 3000 |
| DV14-187B-3K | 16-14 AWG | Blue | .170 | .77 | .23 | .187 x .032 | 4.8 x .8 | CD9-2A | CD-800-2 | 3000 |
| DV14-188B-3K | | | .170 | .77 | .23 | .187 x .020 | 4.8 x .5 | | | 3000 |
| DV14-205B-3K | | | .170 | .77 | .25 | .187/.205 x .032 | 4.8/5.2 x .8 | | | 3000 |
| DV14-206B-3K | | | .170 | .77 | .25 | .187/.205 x .020 | 4.5/5.2 x .5 | | | 3000 |
| DV14-250B-3K | | | .170 | .83 | .29 | .250 x .032 | 6.3 x .8 | | | 3000 |
| DV10-250-2K* | 12-10 AWG | Yellow | .230 | .95 | .29 | .250 x .032 | 6.3 x .8 | CD9-3B | CD-800-3 | 2000 |
| DV10-250C-2K†** | | | .230 | .95 | .29 | .250 x .032 | 6.4 x .8 | | | 2000 |

*Not UL Listed or CSA Certified.

**UL Recognized and CSA Certified.

†Compressor tab disconnect to fit .250" tabs with a post style support.

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

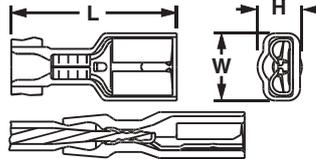
F. Index



DISCOGRIP™ Female Disconnects, Fully Insulated – Funnel Entry

Type DPF-FIB

- Premium grade nylon housing
- Standard receptacle housings
- For applications experiencing high vibration or conductor strain
- Internal wire stop



Cross section of DISCOGRIP™ crimp showing insulation crimp of the wire insulation.

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel | | |
|-----------------|------------|------------|-----------|-------------------------|------|-----|------------------|--------------|----------------------|-------------------------|-----------------|-----------|------|
| | | | | L | W | H | In. | mm | | | | | |
| DPF18-110FIB-3K | 22-18 AWG | Red | .132 | .71 | .19 | .17 | .110 x .032 | 2.8 x .8 | CD9-12A | CD-800-12 | 3000 | | |
| DPF18-111FIB-3K | | | .132 | .71 | .19 | .17 | .110 x .020 | 2.8 x .5 | | | 3000 | | |
| DPF18-187FIB-3K | | | .136 | .78 | .29 | .16 | .187 x .032 | 4.8 x .8 | | | 3000 | | |
| DPF18-188FIB-3K | | | 16-14 AWG | Blue | .136 | .78 | .29 | .16 | .187 x .020 | 4.8 x .5 | CD9-10A | CD-800-10 | 3000 |
| DPF18-205FIB-3K | | | | | .136 | .78 | .31 | .22 | .187/.205 x .032 | 4.8/5.2 x .8 | | | 3000 |
| DPF18-206FIB-3K | | | | | .136 | .78 | .31 | .22 | .187/.205 x .020 | 4.8/5.2 x .5 | 3000 | | |
| DPF18-250FIB-3K | | | | | .136 | .84 | .35 | .22 | .250 x .032 | 6.3 x .8 | 3000 | | |
| DPF14-187FIB-3K | 12-10 AWG | Yellow | .160 | .78 | .29 | .18 | .187 x .032 | 4.8 x .8 | CD9-11A | CD-800-11 | 3000 | | |
| DPF14-205FIB-3K | | | .160 | .78 | .31 | .22 | .187/.205 x .032 | 4.8/5.2 x .8 | | | 3000 | | |
| DPF14-206FIB-3K | | | .160 | .78 | .31 | .22 | .187/.205 x .020 | 4.8/5.2 x .5 | 3000 | | | | |
| DPF14-250FIB-3K | | | .160 | .84 | .35 | .22 | .250 x .032 | 6.3 x .8 | 3000 | | | | |
| DPF10-250FIB-2K | | | .220 | .96 | .35 | .23 | .250 x .032 | 6.3 x .8 | CD9-13B | CD-800-13 | 2000 | | |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



DISCOGRIP™ Male Disconnects, Fully Insulated – Funnel Entry

B1. Cable Ties

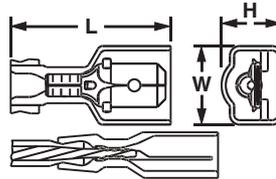
Type DPF-FIM

- Premium grade nylon housing
- Internal wire stop

B2. Cable Accessories



B3. Stainless Steel



Cross section of DISCOGRIP™ crimp showing insulation crimp of the wire insulation.

C1. Wiring Duct

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|--------------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|----------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| Standard Housing | | | | | | | | | | | |
| DPF18-250FIM-2K | 22-18 AWG | Red | .133 | .90 | .41 | .29 | .250 x .032 | 6.3 x .8 | CD9-10B | CD-800-10 | 2000 |
| DPF14-250FIM-2K | 16-14 AWG | Blue | .156 | | | | .250 x .032 | 6.3 x .8 | CD9-11B | CD-800-11 | 2000 |
| Oversized Housing | | | | | | | | | | | |
| DPF18-250FIMB-K* | 22-18 AWG | Red | .133 | .92 | .46 | .34 | .250 x .032 | 6.3 x .8 | CD9-10B | CD-800-10 | 1000 |
| DPF14-250FIMB-K* | 16-14 AWG | Blue | .156 | | | | | | CD9-11B | CD-800-11 | 1000 |

*To mate with other manufacturers fully insulated .250 x .032 female receptacles.

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

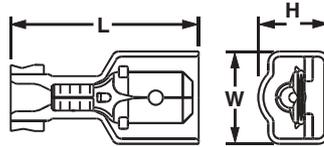
F. Index



Disco™ Male Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNF-FIM

- Insulation support
- Internal wire stop



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|--------------------------|------------|------------|-----------|-------------------------|-----|-----|-------------|----------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| Standard Housing | | | | | | | | | | | |
| DNF18-250FIM-2K | 22-18 AWG | Red | .133 | .90 | .42 | .30 | .250 x .032 | 6.3 x .8 | CD9-4B | CD-800-4 | 2000 |
| DNF14-250FIM-2K | 16-14 AWG | Blue | .158 | .90 | .42 | .30 | .250 x .032 | 6.3 x .8 | CD9-5B | CD-800-5 | 2000 |
| Oversized Housing | | | | | | | | | | | |
| DNF18-250FIMB-K* | 22-18 AWG | Red | .135 | .91 | .45 | .34 | .250 x .032 | 6.3 x .8 | CD9-4B | CD-800-4 | 1000 |
| DNF14-250FIMB-K* | 16-14 AWG | Blue | .160 | .91 | .46 | .34 | .250 x .032 | 6.3 x .8 | CD9-5B | CD-800-5 | 1000 |
| DNF10-250FIMB-K | 12-10 AWG | Yellow | .220 | .96 | .45 | .36 | .250 x .032 | 6.3 x .8 | CD9-18B | CD-800-18 | 1000 |

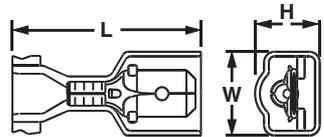
*To mate with other manufacturers' fully insulated. 250 x .032 female receptacles.



Disco™ Male Disconnects, Nylon Fully Insulated – Expanded Wire Entry

Type DNF-FIMX

- Standard receptacle housings
- Funnel entry
- Insulation support
- Internal wire stop
- Expanded wire – entry area for large wire insulation O.D. and dual wire applications



| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|--|------------|------------|-----------|-------------------------|-----|-----|-------------|----------|----------------------|-------------------------|-----------------|
| | | | | L | W | H | In. | mm | | | |
| Standard Housing – Expanded Wire Entry Area | | | | | | | | | | | |
| DNF18250FIMX-2K* | 22-18 AWG | Red | .244 | .97 | .41 | .29 | .250 x .032 | 6.3 x .8 | CD9-8B | CD-800-8 | 2000 |
| DNF14250FIMX-2K** | 16-14 AWG | Blue | | | | | | | | | 2000 |

*CSA Certified for use with (2) #18 AWG, (2) #20 AWG, or (2) #22 AWG wires.

**CSA Certified for use with (2) #16 AWG or (2) #18 AWG wires.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



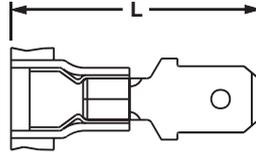
DISCO™ Male Disconnects, Nylon Barrel Insulated – Funnel Entry

B1. Cable Ties

Type DNF-M

- Internal wire stop

B2. Cable Accessories



B3. Stainless Steel

| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---|------------|------------|-----------|-------------------------|-------------|----------|--------|----------------------|-------------------------|-----------------|
| | | | | L | In. | mm | | | | |
| Nylon Insulated – Metal Insulation Grip Sleeve | | | | | | | | | | |
| DNF18-250M-3K | 22-18 AWG | Red | .145 | .90 | .250 x .032 | 6.3 x .8 | CD9-1A | CD-800-1 | 3000 | |
| DNF14-250M-3K | 16-14 AWG | Blue | .162 | .90 | .250 x .032 | 6.3 x .8 | CD9-2A | CD-800-2 | 3000 | |
| DNF10-250M-2K* | 12-10 AWG | Yellow | .225 | .95 | .250 x .032 | 6.3 x .8 | CD9-3B | CD-800-3 | 2000 | |

*Not CSA Certified.

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



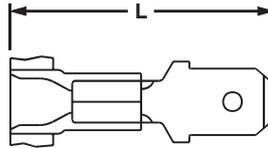
DISCO™ Male Disconnects, Vinyl Barrel Insulated – Funnel Entry

D1. Terminals

Type DV-MB

- Internal wire stop

D2. Power & Grounding Connectors



E1. Labeling System

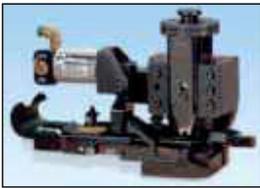
| Part Number | Wire Range | Color Code | Max. Ins. | Figure Dimensions (In.) | | Tab Size | | CA9 Series Crimp Die | CA-800 Series Crimp Die | Pieces Per Reel |
|---|------------|------------|-----------|-------------------------|-------------|----------|--------|----------------------|-------------------------|-----------------|
| | | | | L | In. | mm | | | | |
| Vinyl Insulated – Plastic Insulation Crimp | | | | | | | | | | |
| DV18-250MB-3K | 22-18 AWG | Red | .155 | .90 | .250 x .032 | 6.3 x .8 | CD9-1A | CD800-1 | 3000 | |
| DV14-250MB-3K | 16-14 AWG | Blue | .175 | | | | CD9-2A | CD-800-2 | 3000 | |
| DV10-250M-2K | 12-10 AWG | Yellow | .225 | | | | CD9-3B | CD-800-3 | 2000 | |

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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CA-800, CA-800EZ and CA9 EZAIR™ Applicators



| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|---|----------------|
| CA-800 | Applicator: used in CP-861 electric press and uses CD-800 series die inserts. | 1 |
| CA-800EZ* | Applicator: runs in the AMP* Model T and K bench presses. True "quick change" applicator – no additional plates are necessary. Slide right into the press for easy changeover. Uses CD-800 Series Die inserts. | 1 |
| CA9 | CA9 EZAIR™ Applicator: terminates the entire REEL SMART™ product line. This greatly reduces set up and maintenance time and increases productivity. This patented applicator is so smart it automatically adjusts feed stroke to the correct pitch and length for the entire product line. Crimp die changeover in less than 1 minute, minimizes down-time and increases productivity. Fast, easy loading of terminal parts without special instructions or set-up personnel. Simply feed the parts strip into the applicator. All the necessary adjustments are made by the dies and the automatic feed stroke. Used in CP-862 electric press. Safety lockout guard ensures operator safety. Positive stop adjustment rings allow for electrical and insulation crimp adjustments as desired. | 1 |

*AMP is a registered trademark of Tyco Electronics.

**For crimp die information, refer to [pages D1.108 to D1.109](#).

Electric Presses



| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|---|----------------|
| CP-861* | Electric press: 4000+ terminations per hour Operates on 120 AC current Resettable counter Overall size (with reel): width: 33" depth: 19" height: 41" Total weight (without reel): 205 lbs. Includes foot switch. | 1 |
| CP-862* | Electric press: 4000+ terminations per hour Operates on 115 VAC current Overall size (with reel): width: 33" depth: 19" height: 41" Total weight (without reel): 205 lbs. Includes foot switch. | 1 |

*Applicator shown, sold separately.

Die Sharpening Kits

- Used to resharpen cutting edges and maintain reliability of CD-800 and CD9 series cutter dies

| Part Number | Part Description | Std. Pkg. Qty. |
|-------------|---|----------------|
| DSF-RS | For use with black oxide cutter dies. | 1 |
| DSF-NP | For use with nickel-plated cutter dies. | 1 |

A. System Overview

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B3. Stainless Steel

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C2. Surface Raceway

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C4. Cable Management

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D2. Power & Grounding Connectors

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E2. Labels

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E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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| Part Number | AWG Wire Range | Color Code | Wire Insulation Strain Relief | Part No. Prefix | 60/40 Solder Slug Dia. | | Spare Part Number | | | | |
|--------------|---|-------------------|--|--|-----------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|-----------------------------|-----------------------|
| | | | | | In. | mm | Crimp Die | Cutter Die | Lower Die | | |
| CD-800-1 | 22 – 18 22 – 16 22 – 18 22 – 16 | Red | Plastic Ins. Crimp / Insulation Support / Metal Ins. Crimp / Plastic Ins. Crimp | PV, DV-MB, DV-B / BSN / PN, PNF, DNF-M / BSP (Premium Nylon) | .188 | 4.78 | TD13471C06 CD-800 -1 | TD13483C02 CD-800 C1 | TD17755B01 CD-1 | | |
| CD-800-1D*** | 22 – 18 | | | | | | | | | | |
| CD-800-2 | 16 – 14 18 – 14 16 – 14 18 – 14 | Blue | Plastic Ins. Crimp / Insulation Support / Metal Ins. Crimp / Plastic Ins. Crimp | PV, DV-MB, DV-B / BSN / PN, PNF, DNF-M / BSP (Premium Nylon) | | | TD13473C05 CD-800 -2 | TD13486C03 CD-800 C-2 | TD17756B01 C-2 | | |
| CD-800-2D*** | 16 – 14 | | | | | | | | | | |
| CD-800-3 | 12 – 10 14 – 10 16 – 12 16 – 12 12 – 10 | Yellow | Plastic Ins. Crimp / Plastic Ins. Crimp / Metal Ins. Crimp / Plastic Ins. Crimp / Metal Ins. Crimp | PV, PV12, DV / DV-C / PN12 / PV12 / DV-M, PN, PNF, DNF-M | | | TD13475C06 CD-800 -3 | TD13489C02 CD-800 C-3 | TD17757B01 C-3 | | |
| CD-800-4 | 12 – 18 | Red | Insulation Support | DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB | | | | | | | |
| CD-800-5 | 16 – 14 | Blue | Insulation Support | DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB | | | TD13833C06 CD-800 -4, 10 | TD13505C02 CD-800 C-4 | TD17758B01 C-4, 10 | | |
| CD-800-6 | 22 – 18 | Red | Insulation Support | DNF-FIBX | | | | | | | |
| CD-800-7 | 22 – 18 | Red | Insulation Support | DNF-110FIB, DNF-111FIB, DNF-112FIB | | | .125 | 3.18 | TD13477C05 CD-800 -7, 12 | TD13492C03 CD-800 C-7 | TD17761B01 C-7, 12 |
| CD-800-8 | 16 – 14 22 – 18 16 – 14 | Blue / Red / Blue | Insulation Support | DNF-FIBX / DNF-FIMX / DNF-FIMX | | | .188 | 4.78 | TD13481C06 CD-800 -8 | TD13502C03 CD-800 C-8 | TD17762B01 C-8 |
| CD-800-9 | 22 – 14 | Red / Blue | Insulation Support | DNFR-FIB | .125 | 3.18 | TD13479C05 CD-800 -9 | TD13495C02 CD-800 C-9 | TD17763B01 C-9 | | |
| CD-800-10 | 22 – 18 | Red | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB | .188 | 4.78 | TD13633C06 CD-800 -4, 10 | TD16233C02 CD-800 C-10 | TD17758B01 C-4, 10 | | |
| CD-800-11 | 16 – 14 | Blue | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-FIM, DPF-FIMB / DPF-FIB, DPF-LPB | | | | | | | |
| CD-800-12 | 22 – 18 | Red | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-110FIB, DPF-111FIB | .125 | 3.18 | TD13477C05 CD-800 -7, 12 | TD16235C02 CD-800 C-12 | TD17761B01 C-7, 12 | | |
| CD-800-13 | 12 – 10 | Yellow | Insulation Support / <i>DISCOGRIP</i> ™ Insulation Crimp | DNF-FIB / DPF-FIB | .188 | 4.78 | TD19116C03 CD-800 -13 | TD19115C05 CD-800 C-13 | TD19424B01 C-13 | | |
| CD-800-14 | 22 – 18 16 – 14 | Red / Blue | Metal Insulation Crimp | DNG-FL | .125 | 3.18 | TD22943C01 CD-800 -14 | TD22944C01 CD-800 C-14 | TD22960B01 C-14 | | |
| CD-800-15 | 22 – 18 | Red | Metal Insulation Crimp | DNG-FB | .188 | 4.78 | TD22945C01 CD-800 -15 | TD22946C01 CD-800 C-15 | TD22961B01 C-15 | | |
| CD-800-16 | 16 – 14 | Blue | Metal Insulation Crimp | DNG-FB | | | | | | | |
| CD-800-17 | 12 – 10 | Yellow | Insulation Support | BSN | TD22947C01 CD-800 -16 | TD22948C01 CD-800 C-16 | TD22962B01 C-16 | | | | |
| CD-800-18 | 12 – 10 | Yellow | Plastic Insulation Crimp | DNF-FIMB | TD23601C01 CD-800-17 | TD23600C01 CD-800-17 | TD23612B01 CD-800-17 | | | | |
| CD-800-18 | 12 – 10 | Yellow | Plastic Insulation Crimp | DNF-FIMB | TD13475C06 CD-800-18 | TD23773C01 CD-800-18 | TD17757B01 CD-800-18 | | | | |

TA13721A01 = 60/40 Solder Slug with 1/8" (.125) outer diameter.
 TA13722A01 = 60/40 Solder Slug with 3/16" (.188) outer diameter.
 (1) Insulation Support: Minimum wire insulation strain relief for normal applications.
 Plastic and *DISCOGRIP*™ insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
 Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
 ***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

Die Information Chart (continued)

| Part Number | Color Code | AWG Wire Range | Wire Insulation Strain Relief | Part No. Prefix | 60/40 Solder Slug Dia. | | Spare Part Number | | |
|-------------|-------------------------|---|---|--|------------------------|------|-------------------|------------|--------------------------|
| | | | | | In. | mm | Crimp Die | Cutter Die | Lower Die |
| CD9-1A | Red | 22 – 16 22 – 16 22 – 18 22 – 18 | Insulation Support / Plastic Ins. Crimp / Plastic Ins. Crimp / Metal Ins. Grip | BSN / BSP / PV,DV-B,DV-MB / PN, PNF, DNF-M | .188 | 4.78 | TD24129C01 | TD24139C01 | TD24149C01 |
| CD9-1AD*** | | 22 – 18 | Plastic Insulation Crimp Metal Insulation Grip | PV, DV-B, DV-MB, PN, PNF, DNF-M | .188 | 4.78 | | | |
| CD9-1B | | 22 – 18 | Plastic Insulation Crimp | PV-56R, PV-38R | .188 | 4.78 | | | |
| CD9-2A | Blue | 18 – 14 18 – 14 16 – 14 16 – 14 16 – 14 | Insulation Support / Plastic Ins. Crimp / Insulation Support / Plastic Ins. Crimp / Metal Ins. Grip | BSN / BSP / BSN / PV, DV-B, DV-MB / PN, PNF, DNF-M | .188 | 4.78 | TD24130C01 | TD24140C01 | TD23712C01 |
| CD9-2AD*** | | 16 – 14 | Insulation Support Plastic Insulation Crimp Metal Insulation Grip | BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M | .188 | 4.78 | | | |
| CD9-2B | | 16 – 14 | Plastic Insulation Crimp | PV-56R, PV-38R | .188 | 4.78 | | | |
| CD9-3B | Yellow | 12 – 10 12 – 10 16 – 12 | Plastic Ins. Crimp / Metal Ins. Grip / Plastic Ins. Crimp | PV, DV, DV-M / PN, PNF, DNF-M / PV12, PN12 | .188 | 4.78 | TD24131C01 | TD24141C01 | TD23713C01 |
| CD9-4A | Red | 22 – 18 | Insulation Support | DNF-FIB, DNF-LPB | .188 | 4.78 | TD24132C01 | TD24142C01 | TD24150C01 |
| CD9-4B | | 22 – 18 | Insulation Support | DNF-FIM, DNF-FIMB | .188 | 4.78 | | | |
| CD9-5A | Blue | 16 – 14 | Insulation Support | DNF-FIB, DNF-LPB | .188 | 4.78 | TD24133C01 | TD24143C01 | TD24151C01 |
| CD9-5B | | 16 – 14 | Insulation Support | DNF-FIM, DNF-FIMB | .188 | 4.78 | | | |
| CD9-6B | Red | 22 – 18 | Insulation Support | DNF-FIBX | .188 | 4.78 | TD23700C01 | TD23683C01 | TD23716C01 |
| CD9-7A | Red | 22 – 18 | Insulation Support | DNF-110/111/112FIB | .125 | 3.18 | TD23701C02 | TD23684C01 | TD23717C01 |
| CD9-8B | Blue / Red / Blue | 16 – 14 22 – 14 | Insulation Support / Insulation Support | DNF-FIBX / DNF-FIMX | .188 | 4.78 | TD23702C01 | TD23685C01 | TD23718C01 |
| CD9-9C | Red / Blue | 22 – 14 | Insulation Support | DNFR-FIB | .125 | 3.18 | TD23703C01 | TD23686C01 | TD23719C01 |
| CD9-10A | Red | 22 – 18 | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-FIB, DPF-LPB | .188 | 4.78 | TD24132C01 | TD24144C01 | TD24150C01 |
| CD9-10B | Red | 22 – 18 | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-FIM, DPF-FIMB | .188 | 4.78 | | | |
| CD9-11A | Blue | 16 – 14 | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-FIB, DPF-LPB | .188 | 4.78 | TD24133C01 | TD23688C01 | TD24151C01 |
| CD9-11B | Blue | 16 – 14 | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-FIM, DPF-FIMB | .188 | 4.78 | | | |
| CD9-12A | Red | 22 – 18 | <i>DISCOGRIP</i> ™ Insulation Crimp | DPF-110FIB, DFP-111FIB | .125 | 3.18 | TD23701C02 | TD23689C01 | TD23717C01 |
| CD9-13B | Yellow | 12 – 10 | Insulation Support / <i>DISCOGRIP</i> ™ Insulation Crimp | DNF-FIB / DPF-FIB | .188 | 4.78 | TD24134C01 | TD24145C01 | TD24152C01 |
| CD9-14A | Red / Blue | 22 – 18 16 – 14 | Metal Insulation Grip | DNG-FL | .125 | 3.18 | TD23705C01 | TD23691C01 | TD23721C01 |
| CD9-15A | Red | 22 – 18 | Metal Insulation Grip | DNG-FB | .188 | 4.78 | TD24135C01 | TD24146C01 | TD24153C01 |
| CD9-16A | Blue | 16 – 14 | Metal Insulation Grip | DNG-FB | .188 | 4.78 | TD24136C01 | TD24147C01 | TD24154C01 |
| CD9-17B | Yellow | 12 – 10 | Insulation Support | BSN | .188 | 4.78 | TD24110C01 | TD24109C01 | TD24111C01 TD24112C01 |
| CD9-18B | Yellow | 12 – 10 | Insulation Support | DNF-FIMB | .188 | 4.78 | TD24131C01 | TD23766C01 | TD23713C01 |

TA13721A01 = 60/40 Solder Slug with 1/8" (.125) outer diameter.

TA13722A01 = 60/40 Solder Slug with 3/16" (.188) outer diameter.

(1) Insulation Support: Minimum wire insulation strain relief for normal applications.

Plastic and *DISCOGRIP*™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.

Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.

***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

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C2. Surface Raceway

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E1. Labeling System

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CA9 EZAIR™, CA-800EZ and CA-800 Applicators Wire Processing Machine Manufacturer/Press Compatibility

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B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

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| Manufacturer | Wire Processing Machine with (WPM) or Bench Press Only | PANDUIT Applicators | | |
|------------------------|---|--|--|---------|
| | | CA9 EZAIR™ | CA-800EZ* | CA-800* |
| PANDUIT | CP-851 Bench Press Only CP-861 Bench Press Only CP-862 Bench Press Only | A ¹ | | A A |
| AMP | CLS III G w/ G Press (WPM) CLS IV w/ G Press (WPM) CLS IV G Plus w/ G Press (WPM) G Bench Press Only CLS II w/ T Press (WPM) CLS III w/ T Press (WPM) T Bench Press Only K Bench Press Only | A ¹ A ¹ A ¹ A ¹ A ¹ A ¹ A ³ | B A A | |
| ARTOS | CS-600 w/ AMP G Press (WPM) CS-600 w/ TU7M Press (WPM) CS-600 w/ TU-10 Press (WPM) MTX Series 5 w/ TU-10 Press (WPM) | A ¹ A ¹ A ¹ | A | |
| GAMMA MECCANICA | T20P-110V Bench Press Only | A ¹ | | |
| KODERA | Series C451/C450 (WPM) Series C551/C550 (WPM) | A ¹ A ¹ | | |
| KOMAX | Gamma 311 w/ Mecal K300 Press (WPM) Gamma 333 w/mci 711 Press (WPM) Alpha 411 w/ Mecal PE7 or P107 Press (WPM) Alpha 433 w/ Mecal PE7 or P107 Press (WPM) 40T w/ Mecal PE7 Press (WPM) 40T w/ PANDUIT CP-861 Press (WPM) bt711 Bench Press Only | A ¹ A ¹ A ¹ A ¹ A ¹ | B ² B ² A ⁴ | A |
| MEGOMAT | AMS 3001A / APE 300 Press (WPM) Contact (WPM) Primo w/ MP-3.0 Press (WPM) | A ¹ A ¹ A ¹ | | |
| MOLEX | EP-20 Bench Press Only TM-2000 Bench Press Only | | A A | |
| SCHLEUNIGER | Crimp Center 12 w/ ACP01 Press (WPM) | A ¹ | | |
| SHINMAYWA | TR101 (WPM) TRD111 / TR111 (WPM) | A ¹ | A B | |

A = Best Choice (suited for particular application) – B = Second Choice (also suited for particular application).

Special Requirements: *Refer to the specific applicator operation manual for installation instructions.
¹ See specific section of installation manual for details.
² Komax press shim is required to operate CA-800EZ Applicator.
³ Bench press air feed capability is required.
⁴ Remove press wire stripper.

Performance Requirements

| | Wire Size (AWG) | | | | | | | | | |
|--|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | #26 | #24 | #22 | #20 | #18 | #16 | #14 | #12 | #10 | |

UL 486A (TERMINALS), UL310 (MALE BLADE ADAPTERS)

| | | | | | | | | | |
|--|-----|---|---|----|----|----|----|----|----|
| Test Current for Max. 50°C Rise (Amps) | 3.5 | 7 | 9 | 12 | 17 | 18 | 30 | 35 | 50 |
| Min. Tensile Strength* (Lbs.) | 3 | 5 | 8 | 13 | 20 | 30 | 50 | 70 | 80 |

UL 486C (SPLICES)

| | | | | | | | | | |
|--|-----|---|---|----|----|----|----|----|----|
| Test Current for Max. 50°C Rise (Amps) | 5.5 | 7 | 9 | 12 | 17 | 18 | 30 | 35 | 50 |
| Min. Tensile Strength* (Lbs.) | 3 | 5 | 8 | 10 | 10 | 15 | 25 | 35 | 40 |

*Pull-out force of the crimped terminal.

Applicable **PAN-TERM®** products meet or exceed the following test specifications:

- UL486A (Terminals)
- UL486C (Splices)
- UL310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)

UL and CSA approved products are shown with the applicable logos in the product section.

UL file #E52164, CSA File #LR31212

| | Wire Size (AWG) | | | | | | |
|--|-----------------|-----|-----|-----|-----|-----|-----|
| | #22 | #20 | #18 | #16 | #14 | #12 | #10 |

UL310 (DISCONNECTS)

| | | | | | | | |
|--|---|----|----|----|----------------|----|----|
| Continuous Test Current for Max. 30°C Rise (Amps) (for .187", .205", .250" tab widths) | 3 | 4 | 7 | 10 | 15 | 20 | 24 |
| Continuous Test Current for Max. 30°C Rise (Amps) (for .110" tab width) | 2 | 3 | 4 | 5 | Not Applicable | | |
| Min. Tensile Strength* (Lbs.) | 8 | 13 | 20 | 30 | 50 | 70 | 80 |

*Pull-out force of the crimped disconnect.

Applicable **REEL SMART™** products meet or exceed the following test specifications:

- Listed per Underwriters Laboratories, Inc. Standard UL 310 (Disconnects)
- Recognized under the Component Recognition Program of Underwriters Laboratories Inc.
- Certified by Canadian Standards Association (Disconnects)
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E78522. CSA file #LR31212.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power & Grounding Connectors

E1. Labeling System

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Lockout/Tagout & Safety Solutions

F. Index