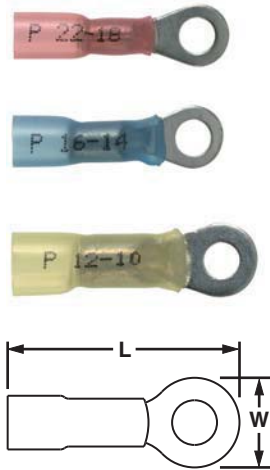


UL LISTED **CSA CERTIFIED** **Heat Shrink, Ring Terminal**

Type PH-R

- Heat shrink sleeving forms a protective barrier to provide environmentally sealed terminations ideal for high moisture applications
- Ring tongue design assures a secure connection in high vibration applications
- Brazed seam protects terminal barrel from splitting during the crimp process

- Heat shrink installation is completed with a standard heat gun
- Minimum continuous operating temperature -65°F (-55°C)
- Maximum continuous operation temperature 230°F (110°C)
- Shrink temperature 300°F (150°C)
- UL and CSA rated up to 600 V per UL 486A/B



| Part Number | Wire Range | Color Code | Max. Ins. (In.) | Stud Size (In.) | Figure Dimensions (In.) | | | Wire Strip Length (In.) | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|-------------|------------|-----------------|-----------------|-------------------------|------|---|-------------------------|-------------------------------|----------------|----------------|
| | | | | | L | W | C | | | | |
| PH18-6R-Q | 22 – 18 AWG | Red | 0.170 | #6 | 1.05 | 0.25 | | 5/16 | CT-310 | 25 | 125 |
| PH18-8R-Q | | | 0.170 | #8 | 1.08 | 0.31 | | 5/16 | | 25 | 125 |
| PH18-10R-Q | | | 0.170 | #10 | 1.08 | 0.31 | | 5/16 | | 25 | 125 |
| PH18-14R-Q | | | 0.170 | 1/4" | 1.24 | 0.47 | | 5/16 | | 25 | 125 |
| PH14-6R-Q | 16 – 14 AWG | Blue | 0.190 | #6 | 1.06 | 0.31 | | 5/16 | CT-310 | 25 | 125 |
| PH14-8R-Q | | | 0.190 | #8 | 1.03 | 0.31 | | 5/16 | | 25 | 125 |
| PH14-10R-Q | | | 0.190 | #10 | 1.05 | 0.32 | | 5/16 | | 25 | 125 |
| PH14-14R-Q | | | 0.190 | 1/4" | 1.24 | 0.46 | | 5/16 | | 25 | 125 |
| PH14-56R-Q | | | 0.190 | 5/16" | 1.24 | 0.46 | | 5/16 | | 25 | 125 |
| PH14-38R-Q | | | 0.190 | 3/8" | 1.24 | 0.53 | | 5/16 | | 25 | 125 |
| PH10-8R-E | 12 – 10 AWG | Yellow | 0.240 | #8 | 1.22 | 0.37 | | 5/16 | CT-310 | 20 | 100 |
| PH10-10R-E | | | 0.240 | #10 | 1.20 | 0.37 | | 5/16 | | 20 | 100 |
| PH10-14R-E | | | 0.240 | 1/4" | 1.20 | 0.52 | | 5/16 | | 20 | 100 |
| PH10-38R-E | | | 0.240 | 3/8" | 1.20 | 0.59 | | 5/16 | | 20 | 100 |
| PH10-12R-E | | | 0.240 | 1/2" | 1.54 | 0.72 | | 5/16 | | 20 | 100 |

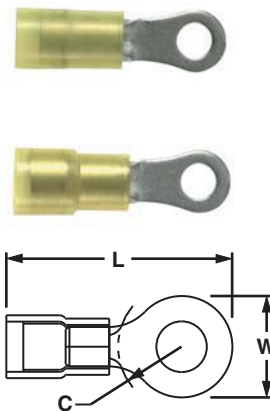
For crimping tool information, see page D1.85.

UL LISTED **CSA CERTIFIED** **Ring Terminal, Heavy Duty, Nylon Insulated**

Type PN-HDR

- Manufactured from stock 56% thicker than a standard #16 – #14 AWG terminal for use in heavy-duty applications
- Insulation housing is marked with "HDR" to signify heavy-duty ring
- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications

- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



| Part Number | Wire Range | Color Code | Stock Thickness (In.) | Max. Ins. (In.) | Stud Size | Figure Dimensions (In.) | | | Recommended Installation Tool | Std. Pkg. Qty.** | Std. Ctn. Qty. |
|--------------|-------------|------------|-----------------------|-----------------|-----------|-------------------------|------|------|-------------------------------|------------------|----------------|
| | | | | | | L | W | C | | | |
| PN12-8HDR-L | 16 – 12 AWG | Yellow | 0.05 | 0.225 | #8 | 1.06 | 0.31 | 0.35 | CT-1550‡, CT-1551‡, CT-2500‡ | 50 | 500 |
| PN12-10HDR-L | | | 0.05 | 0.225 | #10 | 1.09 | 0.37 | 0.33 | | 50 | 500 |
| PN12-14HDR-L | | | 0.05 | 0.225 | 1/4" | 1.24 | 0.52 | 0.42 | | 50 | 500 |
| PN12-56HDR-L | | | 0.05 | 0.225 | 5/16" | 1.24 | 0.52 | 0.42 | | 50 | 500 |
| PN12-38HDR-L | | | 0.05 | 0.225 | 3/8" | 1.30 | 0.58 | 0.46 | | 50 | 500 |

**Bulk packaging may be available, contact Panduit Customer Service for additional information.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.84 and D1.88.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

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E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

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F. Index