

A. System Overview

B1. Cable Ties



Ring Terminal, Heavy Duty, Vinyl Insulated – Funnel Entry

Type PV-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
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B

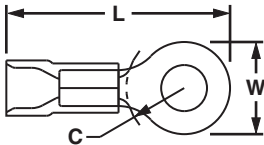
C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection



C4. Cable Management

| 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 | | | |

Standard Heavy Duty Insulation

| | | | | | | | | | | | |
|---------------------|-------------|--------|------|-------|-------|------|------|------|---|----|-----|
| PV12-6HDR-L | 16 – 12 AWG | Yellow | 0.05 | 0.225 | #6 | 1.05 | 0.31 | 0.35 | CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡ | 50 | 500 |
| PV12-8HDR-L | | | 0.05 | 0.225 | #8 | 1.05 | 0.31 | 0.35 | | 50 | 500 |
| PV12-10HDR-L | | | 0.05 | 0.225 | #10 | 1.08 | 0.37 | 0.33 | | 50 | 500 |
| PV12-14HDR-L | | | 0.05 | 0.225 | 1/4" | 1.23 | 0.52 | 0.42 | | 50 | 500 |
| PV12-56HDR-L | | | 0.05 | 0.225 | 5/16" | 1.23 | 0.52 | 0.42 | | 50 | 500 |
| PV12-38HDR-L | | | 0.05 | 0.225 | 3/8" | 1.31 | 0.58 | 0.46 | | 50 | 500 |

Expanded Heavy Duty Insulation*

| | | | | | | | | | | | |
|----------------------|-------------|--------|------|-------|-------|------|------|------|---|----|-----|
| PV12-6HDRX-L | 16 – 12 AWG | Yellow | 0.05 | 0.250 | #6 | 1.05 | 0.31 | 0.35 | CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡ | 50 | 500 |
| PV12-8HDRX-L | | | 0.05 | 0.250 | #8 | 1.05 | 0.31 | 0.35 | | 50 | 500 |
| PV12-10HDRX-L | | | 0.05 | 0.250 | #10 | 1.08 | 0.37 | 0.33 | | 50 | 500 |
| PV12-14HDRX-L | | | 0.05 | 0.250 | 1/4" | 1.23 | 0.52 | 0.42 | | 50 | 500 |
| PV12-56HDRX-L | | | 0.05 | 0.250 | 5/16" | 1.23 | 0.52 | 0.42 | | 50 | 500 |
| PV12-38HDRX-L | | | 0.05 | 0.250 | 3/8" | 1.31 | 0.58 | 0.46 | | 50 | 500 |

*Expanded insulation parts do not have funnel entry.

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

‡UL and CSA approved tooling/product combinations. For tooling information, see pages D1.84, D1.86, and D1.88.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index