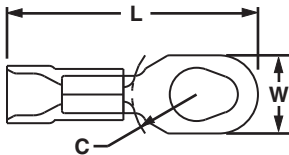




Multiple Stud Terminal, Vinyl Insulated – Funnel Entry

Type PV-610R

- Teardrop shaped mounting hole of multiple stud terminals permits use with #6, #8, or #10 size studs
- 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



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			
PV18-610R-CY	22 – 18 AWG	Red	0.03	0.150	#6, #8, #10	1.00	0.31	0.25	CT-100A, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-610R-C	16 – 14 AWG	Blue	0.03	0.170		1.00	0.31	0.25		100	500
PV10-610R-L	12 – 10 AWG	Yellow	0.04	0.225		1.17	0.37	0.31		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 D1.83, D1.84, D1.86 and D1.88.

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D3. Grounding Connectors

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E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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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 = Seamed Barrel S = Seamless Tubular Barrel	H = Heat Shrink 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 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

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

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A. System Overview

Performance Requirements

B1. Cable Ties

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

UL 486A (TERMINALS), UL 310 (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:

- UL 486A (Terminals)
- UL 486C (Splices)
- UL 310 (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.

C1. Wiring Duct

C2. Surface Raceway

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

UL 310 (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:

- UL 310 (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.

C4. Cable Management

D1. Terminals

Panduit® Pan-Term® Terminal Military Cross Reference

	Current Mil. Std Part No., Class 1	Ring Terminals Nylon Insulated	Current Mil. Std. Part No., Class 2	Ring Terminals, Nylon Insulated or Nylon Insulated with Funnel Entry	Current Mil. Std. Part No., Class 1	Ring Terminals Non-Insulated
D2. Power Connectors	MS25036-101	PN18-6RN	MS25036-101	PN18-6RN or PNF18-6RN	MS20659-165	P10-6R
D3. Grounding Connectors	MS25036-102	PN18-6R	MS25036-102	PN18-6R or PNF18-6R	MS20659-105	P10-10R
	MS25036-103	PN18-10R	MS25036-103	PN18-10R or PNF18-10R	MS20659-106	P10-56R
	MS25036-104	PN18-56R	MS25036-104	PN18-56R or PNF18-56R	MS20659-128	P10-38R
	MS25036-105	PN18-38R	MS25036-105	PN18-38R or PNF18-38R		
E1. Labeling Systems	MS25036-106	PN14-6RN	MS25036-106	PN14-6RN or PNF14-6RN		
	MS25036-107	PN14-6R	MS25036-107	PN14-6R or PNF14-6R		
	MS25036-108	PN14-10R	MS25036-108	PN14-10R or PNF14-10R		
	MS25036-109	PN14-56R	MS25036-109	PN14-56R or PNF14-56R		
E2. Labels	MS25036-110	PN14-38R	MS25036-110	PN14-38R or PNF14-38R		
	MS25036-111	PN10-6R	MS25036-111	PN10-6R or PNF10-6R		
	MS25036-112	PN10-10R	MS25036-112	PN10-10R or PNF10-10R		
	MS25036-113	PN10-56R	MS25036-113	PN10-56R or PNF10-56R		
E3. Pre-Printed & Write-On Markers	MS25036-114	PN10-38R	MS25036-114	PN10-38R or PNF10-38R		
	MS25036-148	PN18-4RN	MS25036-148	PN18-4RN or PNF18-4RN		
	MS25036-149	PN18-8R	MS25036-149	PN18-8R or PNF18-8R		
	MS25036-150	PN18-14R	MS25036-150	PN18-14R or PNF18-14R		
E4. Permanent Identification	MS25036-152	PN14-4R	MS25036-152	PN14-4R or PNF14-4R		
	MS25036-153	PN14-8R	MS25036-153	PN14-8R or PNF14-8R		
	MS25036-154	PN14-14R	MS25036-154	PN14-14R or PNF14-14R		
	MS25036-156	PN10-8R	MS25036-156	PN10-8R or PNF10-8R		
E5. Lockout/Tagout & Safety Solutions	MS25036-157	PN10-14R	MS25036-157	PN10-14R or PNF10-14R		

Crimping Tools: CT-400 and CT-460