

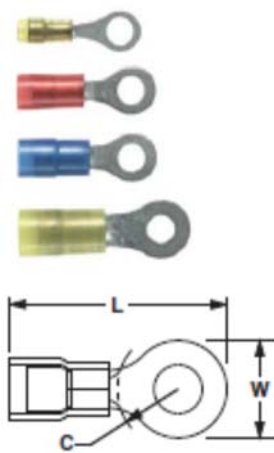
MS25036-102



Ring Terminal, Nylon Insulated

Type PN-R

- 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			
PN22-2R-C*	26 – 22 AWG	Yellow	0.02	0.090	#2	0.69	0.20	0.18	CT-600-A, CT-1525, CT-2500	100	1000
PN22-4R-C*			0.02	0.090	#4	0.69	0.20	0.18		100	1000
PN22-6R-C*			0.02	0.090	#6	0.69	0.20	0.18		100	1000
PN22-8R-C*			0.02	0.090	#8	0.78	0.26	0.26		100	1000
PN22-10R-C*			0.02	0.090	#10	0.78	0.31	0.24		100	1000
PN18-4RN-C^	22 – 18 AWG	Red	0.03	0.145	#4	0.74	0.22	0.18	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN18-4R-C			0.03	0.145	#4	0.80	0.25	0.22		100	500
PN18-6RN-C^			0.03	0.145	#6	0.77	0.22	0.18		100	500
PN18-6R-C^			0.03	0.145	#6	0.80	0.25	0.22		100	500
PN18-8R-C^			0.03	0.145	#8	0.86	0.31	0.25		100	500
PN18-10R-C^			0.03	0.145	#10	0.88	0.31	0.25		100	500
PN18-14R-C^			0.03	0.145	1/4"	1.09	0.45	0.38		100	500
PN18-56R-C^			0.03	0.145	5/16"	1.09	0.46	0.38		100	500
PN18-38R-C^			0.03	0.145	3/8"	1.17	0.53	0.43		100	500
PN18-12R-L			0.03	0.145	1/2"	1.35	0.72	0.53		50	500
PN14-4R-C^	18 – 14 AWG	Blue	0.03	0.162	#4	0.78	0.25	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN14-6RN-C^			0.03	0.162	#6	0.76	0.25	0.20		100	500
PN14-6R-C^			0.03	0.162	#6	0.85	0.31	0.25		100	500
PN14-8R-C^			0.03	0.162	#8	0.85	0.31	0.25		100	500
PN14-10R-C^			0.03	0.162	#10	0.85	0.31	0.25		100	500
PN14-14R-C^			0.03	0.162	1/4"	1.05	0.46	0.38		100	500
PN14-56R-C^			0.03	0.162	5/16"	1.05	0.46	0.38		100	500
PN14-38R-L^			0.03	0.162	3/8"	1.14	0.53	0.43		50	500
PN14-12R-Q	12 – 10 AWG	Yellow	0.03	0.162	1/2"	1.35	0.72	0.53	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	25	125
PN10-6R-L^			0.04	0.225	#6	1.06	0.37	0.31		50	500
PN10-8R-L^			0.04	0.225	#8	1.06	0.37	0.31		50	500
PN10-10R-L^			0.04	0.225	#10	1.06	0.38	0.31		50	500
PN10-14R-L^			0.04	0.225	1/4"	1.21	0.52	0.38		50	500
PN10-56R-L^			0.04	0.225	5/16"	1.21	0.52	0.38		50	500
PN10-38R-L^			0.04	0.225	3/8"	1.29	0.58	0.43		50	500
PN10-12R-Q			0.04	0.225	1/2"	1.47	0.72	0.53		25	125

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

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

^For military specification cross reference see page D1.96.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

Tel.: +34 91 355 60 06
e-mail: comercial@scp-sa.es



S.C.P. s.a.

Suministros de Conectores
Profesionales, s.a.

Part Number System for Pan-Term[®] Terminals

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

[®]KYNAR is a registered trademark of Alotina Chemicals, Inc.

Tel.: +34 91 355 60 06
e-mail: comercial@scp-sa.es

www.scp-sa.es

www.sintersa.es



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Performance Requirements

	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.

	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.

Panduit® Pan-Term® Terminal Military Cross Reference

Current Mil. Std Part No., Class 1	Ring Terminals Nylon Insulated
MS25036-101	PN18-6RN
MS25036-102	PN18-6R
MS25036-103	PN18-10R
MS25036-104	PN18-56R
MS25036-105	PN18-38R
MS25036-106	PN14-6RN
MS25036-107	PN14-6R
MS25036-108	PN14-10R
MS25036-109	PN14-56R
MS25036-110	PN14-38R
MS25036-111	PN10-6R
MS25036-112	PN10-10R
MS25036-113	PN10-56R
MS25036-114	PN10-38R
MS25036-148	PN18-4RN
MS25036-149	PN18-8R
MS25036-150	PN18-14R
MS25036-152	PN14-4R
MS25036-153	PN14-8R
MS25036-154	PN14-14R
MS25036-156	PN10-8R
MS25036-157	PN10-14R

Current Mil. Std. Part No., Class 2	Ring Terminals, Nylon Insulated or Nylon Insulated with Funnel Entry
MS25036-101	PN18-6RN or PNF18-6RN
MS25036-102	PN18-6R or PNF18-6R
MS25036-103	PN18-10R or PNF18-10R
MS25036-104	PN18-56R or PNF18-56R
MS25036-105	PN18-38R or PNF18-38R
MS25036-106	PN14-6RN or PNF14-6RN
MS25036-107	PN14-6R or PNF14-6R
MS25036-108	PN14-10R or PNF14-10R
MS25036-109	PN14-56R or PNF14-56R
MS25036-110	PN14-38R or PNF14-38R
MS25036-111	PN10-6R or PNF10-6R
MS25036-112	PN10-10R or PNF10-10R
MS25036-113	PN10-56R or PNF10-56R
MS25036-114	PN10-38R or PNF10-38R
MS25036-148	PN18-4RN or PNF18-4RN
MS25036-149	PN18-8R or PNF18-8R
MS25036-150	PN18-14R or PNF18-14R
MS25036-152	PN14-4R or PNF14-4R
MS25036-153	PN14-8R or PNF14-8R
MS25036-154	PN14-14R or PNF14-14R
MS25036-156	PN10-8R or PNF10-8R
MS25036-157	PN10-14R or PNF10-14R

Current Mil. Std. Part No., Class 1	Ring Terminals Non-Insulated
MS20659-165	P10-6R
MS20659-105	P10-10R
MS20659-106	P10-56R
MS20659-128	P10-38R

Tel.: +34 91 355 60 06

e-mail: comercial@scp-sa.es

www.scp-sa.es

www.sintersa.es