

ELECTRICAL CRIMP TERMINALS

The complete line of IDEAL crimp terminals, disconnects and splices offer the right product for any electrical system that might be encountered. From rings and spades to insulated disconnects, there's a product for any wire range. All insulated terminals are color-coded for easy identification and come in durable plastic packaging for easy storage.

- Butted seam-construction prevents splitting under maximum pressure
- Internal barrel serrations grip wires tightly to resist pull-out and reduce electrical resistance
- Tin-plated brass construction for corrosion resistance
- Shouldered barrel insulation quickly positions terminal for proper crimping
- Expanded insulation entry accommodates a wide variety of insulation diameters and provides additional insulation support

Rings & Forks



Disconnects






Splices



Durable plastic package for easy storage.

Ring Terminals

Vinyl Insulated Ring Terminals

Wire Range	Stud Size in.	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²) 	6 (3.7mm)	0.157 (4.0mm)	25	83-2121	—	—
	8 (4.3mm)		25	83-2131	—	—
	10 (5.3mm)		25	83-2141	—	—
	1/4 (6.4mm)		25	83-2151	—	—
16 - 14 AWG (1.5 - 2.5mm ²) 	6 (3.7mm)	0.177 (4.5mm)	25	83-2221	—	—
	8 (4.3mm)		25	83-2231	—	—
	10 (5.3mm)		25	83-2241	1,000	84-2241
	1/4 (6.4mm)		25	83-2251	—	—
12 - 10 AWG (4.0 - 6.0mm ²) 	8 (4.3mm)	0.248 (6.3mm)	25	83-2331	—	—
	10 (5.3mm)		25	83-2341	1,000	84-2341
	1/4 (6.4mm)		25	83-2351	—	—
	5/16 (8.4mm)		25	83-2361	—	—
	3/8 (10.5mm)		25	83-2371	—	—

75°C/600 Volts max.

Non-Insulated Ring Terminals






Wire Range	Stud Size	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	8 (4.3mm)	25	83-0131	—	—
	10 (5.3mm)	25	83-0141	—	—
16 - 14 AWG (1.5 - 2.5mm ²)	6 (3.7mm)	25	83-0221	—	—
	8 (4.3mm)	25	83-0231	—	—
	10 (5.3mm)	25	83-0241	1,000	84-0241
12 - 10 AWG (4.0 - 6.0mm ²)	8 (4.3mm)	25	83-0331	—	—
	10 (5.3mm)	25	83-0341	1,000	84-0341
	1/4 (6.4mm)	25	83-0351	—	—
8 AWG (8.0mm ²)	10 (5.3mm)	25	83-0421	500	84-0421
	1/4 (6.4mm)	25	83-0431	—	—
	5/16 (8.4mm)	25	83-0441	—	—
	3/8 (10.5mm)	25	83-0451	—	—
6 AWG (14.0mm ²)	10 (5.3mm)	20	83-0511	—	—
	1/4 (6.4mm)	20	83-0521	—	—
	5/16 (8.4mm)	20	83-0531	—	—
4 AWG (22.0mm ²)	3/8 (10.5mm)	20	83-0541	—	—
	1/4 (6.4mm)	20	83-0611	—	—
	5/16 (8.4mm)	20	83-0621	—	—
	3/8 (10.5mm)	20	83-0631	—	—

105°C/600 Volts max.



Spade Terminals




Vinyl Insulated Spade Terminals

Wire Range	Stud Size	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²) 	6 (3.7mm)	0.157 (4.0mm)	25	83-7111	1,000	84-7111
	8 (4.3mm)		25	83-7121	—	—
	10 (5.3mm)		25	83-7131	—	—
16 - 14 AWG (1.5 - 2.5mm ²) 	6 (3.7mm)	0.177 (4.5mm)	25	83-7151	—	—
	8 (4.3mm)		25	83-7161	1,000	84-7161
	10 (5.3mm)		25	83-7171	1,000	84-7171
12 - 10 AWG (4.0 - 6.0mm ²) 	6 (3.7mm)	0.248 (6.3mm)	25	83-7201	—	—
	8 (4.3mm)		25	83-7211	—	—
	10 (5.3mm)		25	83-7221	500	84-7221
	1/4 (6.4mm)		25	83-7231	—	—

75°C/600 Volts max.



Vinyl Insulated Snap Spade Terminals

Wire Range	Stud Size	Max. Wire Ins. Dia.	Qty.	Part No.
AWG	In.	In.		
22 - 18 AWG (0.5 - 1.0mm ²) 	6 (3.7mm)	0.134 (4.0mm)	25	83-7011
	8 (4.3mm)		25	83-7021
	10 (5.3mm)		25	83-7031
16 - 14 AWG (1.5 - 2.5mm ²) 	6 (3.7mm)	0.161 (4.5mm)	25	83-7051
	8 (4.3mm)		25	83-7061
	10 (5.3mm)		25	83-7071
12 - 10 AWG (4.0 - 6.0mm ²) 	8 (4.3mm)	0.248 (6.0mm)	25	83-7081
	10 (5.3mm)		25	83-7091
	1/4 (6.4mm)		25	83-7101

75°C/600 Volts max.



Non-Insulated Spade Terminals



Wire Range	Stud Size	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	6 (3.7mm)	0.157 (4.0mm)	25	83-6111	—	—
	8 (4.3mm)		25	83-6121	—	—
	10 (5.3mm)		25	83-6131	—	—
16 - 14 AWG (1.5 - 2.5mm ²)	8 (4.3mm)	0.177 (4.5mm)	25	83-6161	—	—
	10 (5.3mm)		25	83-6171	1,000	84-6171
12 - 10 AWG (4.0 - 6.0mm ²)	8 (4.3mm)	0.248 (6.3mm)	25	83-6211	—	—
	10 (5.3mm)		25	83-6221	—	—
	1/4 (6.4mm)		25	83-6231	—	—

105°C/600 Volts max.



Disconnects

Vinyl Insulated Female Disconnects

Wire Range	Tab Size	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	.110 x .020 (2.8mm x 0.5mm)	0.150 (3.8mm)	25	83-9511	-	-
	.187 x .020 (4.75mm x 0.5mm)		25	83-9541	-	-
	.250 x .032 (6.35mm x 0.8mm)		25	83-9571	-	-
16 - 14 AWG (1.5 - 2.5mm ²)	.110 x .020 (2.8mm x 0.5mm)	0.185 (4.7mm)	25	83-9521	-	-
	.187 x .020 (4.75mm x 0.5mm)		25	83-9551	-	-
	.250 x .032 (6.35mm x 0.8mm)		25	83-9581	500	84-9581
14 - 12 AWG (2.5mm - 4.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.244 (6.2mm)	25	83-9591	-	-
12 - 10 AWG (4.0 - 6.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.244 (6.2mm)	25	83-9601	500	84-9601

75°C/600 Volts max.



Vinyl Insulated Male Disconnects

Wire Range	Tab Size	Max. Wire Ins. Dia.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.150 (3.8mm)	25	83-9971
16 - 14 AWG (1.5 - 2.5mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.185 (4.7mm)	25	83-9981
12 - 10 AWG (4.0 - 6.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.244 (6.2mm)	25	83-9991

75°C/300 Volts max.



Non-Insulated Female Disconnects

Wire Range	Tab Size	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	.110 x .020 (2.8mm x 0.5mm)	25	83-9411
16 - 14 AWG (1.5 - 2.5mm ²)	.110 x .020 (2.8mm x 0.5mm)	25	83-9421
22 - 18 AWG (0.5 - 1.0mm ²)	.187 x .020 (4.75mm x 0.5mm)	25	83-9441
16 - 14 AWG (1.5 - 2.5mm ²)	.187 x .020 (4.75mm x 0.5mm)	25	83-9451
22 - 18 AWG (0.5 - 1.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	25	83-9471
16 - 14 AWG (1.5 - 2.5mm ²)	.250 x .032 (6.35mm x 0.8mm)	25	83-9481
12 - 10 AWG (4.0 - 6.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	25	83-9501

105°C/300 Volts max. Not UL Listed.



Nylon Fully-Insulated Female Disconnects

Wire Range	Tab Size	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.150 (3.8mm)	25	83-9771	1,000	84-9771
16 - 14 AWG (1.5 - 2.5mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.185 (4.7mm)	25	83-9781	1,000	84-9781
12 - 10 AWG (4.0 - 6.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.244 (6.2mm)	25	83-9791	500	84-9791

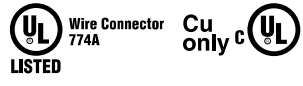
105°C/300 Volts max.



Nylon Fully Insulated Male Disconnects

Wire Range	Tab Size	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0.5 - 1.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.150 (3.8mm)	25	83-9911	500	84-9911
16 - 14 AWG (1.5 - 2.5mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.185 (4.7mm)	25	83-9921	500	84-9921
12 - 10 AWG (4.0 - 6.0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.244 (6.2mm)	25	83-9931	500	84-9931

105°C/300 Volts max.



Vinyl Insulated Bullet Disconnects

Wire Range	Max. Wire Ins. Dia.	Qty.	Part No.
22 - 18 AWG (0.5mm - 1.0mm ²)	0.150 (3.8mm)	25	83-8001
16 - 14 AWG (1.5 - 2.5mm ²)	0.185 (4.7mm)	25	83-8011

75°C/300 Volts max.



Vinyl Fully-Insulated Receptacles




Wire Range	Max. Wire Ins. Dia.	Qty.	Part No.
22 - 18 AWG (0.5mm - 1.0mm ²)	0.150 (3.8mm)	25	83-8101
16 - 14 AWG (1.5 - 2.5mm ²)	0.185 (4.7mm)	25	83-8111

75°C/300 Volts max.



Disconnects


Vinyl Insulated Multi-Stack Disconnects

Wire Range	Tab Size	Max. Wire Ins. Dia.	Qty.	Part No.
22 - 18 AWG (0,5 - 1,0mm ²) 	250 x .032 (6,35mm x 0,8mm)	0,15 (3,8mm)	25	83-9611
16 - 14 AWG (1,5 - 2,5mm ²) 	250 x .032 (6,35mm x 0,8mm)	0,185 (4,7mm)	25	83-9621
12 - 10 AWG (4,0 - 6,0mm ²) 	250 x .032 (6,35mm x 0,8mm)	0,244 (6,2mm)	25	83-9631

75°C/300 Volts max.



Non-Insulated Flag Female Disconnects

Wire Range	Tab Size	Qty.	Part No.	Qty.	Part No.
16 - 14 AWG (1,5 - 2,5mm ²) 	0,250 x .032 (6,35mm x 0,8mm)	25	83-9401	500	84-9401




105°C/300 Volts max. Not UL Listed.

Adapter - Male to Female (2-1)

Tab Size	Qty.	Part No.
0,250 x .032 (6,35mm x 0,8mm) 	25	83-9801

105°C/300 Volts max. Not UL Listed.

Vinyl Insulated Butt Splices




Wire Range	Max. Wire Ins. Dia.	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0,5 - 1,0mm ²) 	0,157 (4,0mm)	25	83-9281	1,000	84-9281
16 - 14 AWG (1,5 - 2,5mm ²) 	0,177 (4,5mm)	25	83-9291	1,000	84-9291
12 - 10 AWG (4,0 - 6,0mm ²) 	0,248 (6,3mm)	25	83-9301	500	84-9301

75°C/600 Volts max.



Splices




Tap Splices

Wire Range	Color	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0,5 - 1,0mm ²) 	Red	25	83-3261	250	84-3261
16 - 14 AWG (1,5 - 2,5mm ²) 	Blue	25	83-3271	—	—
12 - 10 AWG (4,0 - 6,0mm ²) 	Yellow	25	83-3281	—	—

75°C/600 Volts max.



Vinyl Insulated Parallel Splices

Wire Range	Max. Wire Ins. Dia.	Qty.	Part No.
22 - 18 AWG (0,5 - 1,0mm ²) 	0,157 (4,0mm)	25	83-9351
16 - 14 AWG (1,5 - 2,5mm ²) 	0,177 (4,5mm)	25	83-9361
12 - 10 AWG (4,0 - 6,0mm ²) 	0,248 (6,3mm)	25	83-9371

75°C/600 Volts max.



Non-Insulated Butt Splices



Wire Range	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0,5 - 1,0mm ²)	25	83-9001	—	—
16 - 14 AWG (1,5 - 2,5mm ²)	25	83-9011	—	—
12 - 10 AWG (4,0 - 6,0mm ²)	25	83-9021	500	84-9021
8 AWG (8,0mm ²)	25	83-9031	250	84-9031
6 AWG (14,0mm ²)	20	83-9041	—	—
4 AWG (22,0mm ²)	20	83-9051	—	—

105°C/600 Volts max. Not UL Listed.

Non-Insulated Parallel Splices



Wire Range	Qty.	Part No.	Qty.	Part No.
22 - 18 AWG (0,5 - 1,0mm ²)	25	83-9071	—	—
16 - 14 AWG (1,5 - 2,5mm ²)	25	83-9081	1,000	84-9081
12 - 10 AWG (4,0 - 6,0mm ²)	25	83-9091	1,000	84-9091

105°C/600 Volts max. Not UL Listed.