




Crimp Terminals - Rings, Forks, Disconnects and Splices

- 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 accomodates a wide variety of insulation diameters and provides additional insulation support
- Color-coded insulation and wire range stamped on terminal for easy identification
- See product packaging for recommended crimp tools

Vinyl Insulated Ring Terminals

Wire Range Combination	Stud Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. No.	Qty.	Cat. 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 In.	Qty.	Cat. No.	Qty.	Cat. 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	—	—
	1/4 (6.4mm)	25	83-0431	—	—
	5/16 (8.4mm)	25	83-0441	—	—
6 AWG (14,0mm ²)	3/8 (10.5mm)	25	83-0451	—	—
	10 (5.3mm)	20	83-0511	—	—
	1/4 (6.4mm)	20	83-0521	—	—
4 AWG (22,0mm ²)	5/16 (8.4mm)	20	83-0531	—	—
	3/8 (10.5mm)	20	83-0541	—	—
	1/4 (6.4mm)	20	83-0611	—	—
4 AWG (22,0mm ²)	5/16 (8.4mm)	20	83-0621	—	—
	3/8 (10.5mm)	20	83-0631	—	—




105° C/600 Volts max.
 *Plus or minus .020 in.
 **Plus or minus .51mm

Vinyl Insulated Spade Terminals

Wire Range	Stud Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. No.	Qty.	Cat. 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 In.	Max. Wire Ins. Dia. In.	Qty.	Cat. No.	Qty.	Cat. No.
 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 (6.3mm)	25	83-7081	—	—
	10 (5.3mm)		25	83-7091	—	—
	1/4 (6.4mm)		25	83-7101	—	—

75° C/600 Volts max.



IDEAL® WIRE TERMINATION

Non-Insulated Spade Terminals



Wire Range	Stud Size In.	Qty.	Cat. No.	Qty.	Cat. No.
22 – 18 AWG (0,5-1,0mm ²)	6 (3.7mm)	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)	25	83-6161	—	—
	10 (5.3mm)	25	83-6171	1,000	84-6171
12 – 10 AWG (4,0-6,0mm ²)	8 (4.3mm)	25	83-6211	—	—
	10 (5.3mm)	25	83-6221	—	—
	1/4 (6.4mm)	25	83-6231	—	—

105° C/600 Volts max.

Vinyl Insulated Multi-Stack Disconnects

Wire Range	Tab Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. 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.

Vinyl Insulated Bullet Disconnects

Wire Range	Max. Wire Ins. Dia. In.	Quantity	Cat. No.
22 – 18 AWG (0,5-1,0mm 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 Insulated Male Disconnects

Wire Range	Tab Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. 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.

*Not UL Listed

Vinyl Insulated Female Disconnects

Wire Range	Tab Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. No.	Qty.	Cat. 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)	0.150 (3.8mm)	25	83-9541	—	—
	.250 x .032 (6.35mm x 0.8mm)	0.150 (3.8mm)	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)	0.185 (4.7mm)	25	83-9551	—	—
	.250 x .032 (6.35mm x 0.8mm)	0.185 (4.7mm)	25	83-9581	500	84-9581
14 – 12 AWG (2,5-4,0mm 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	—	—

75° C/300 Volts max.

Non-Insulated Female Disconnects*



Wire Range (AWG)	Stud Size (In.)	Qty.	Cat. 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 (0,5-1,0mm 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.




Nylon Fully-Insulated Male Disconnects

Wire Range	Tab Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. No.
22 – 18 AWG (0,5-1,0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.150 (3.8mm)	25	83-9911
16 – 14 AWG (1,5-2,5mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.185 (4.7mm)	25	83-9921
12 – 10 AWG (4,0-6,0mm ²)	.250 x .032 (6.35mm x 0.8mm)	0.244 (6.2mm)	25	83-9931

105° C/300 Volts max.





Nylon Fully-Insulated Female Disconnects

Wire Range	Tab Size In.	Max. Wire Ins. Dia. In.	Qty.	Cat. No.	Qty.	Cat. No.
22 – 18 AWG (0,5-1,0mm ²) 	.250 x .032 (6.35mm x 0.8mm)	0.15 (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.

Vinyl Fully-Insulated Receptacle Disconnects

Wire Range	Max. Wire Ins. Dia. In.	Quantity	Cat. No.
22 – 18 AWG (0,5-1,0mm 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.

Non-Insulated Flag Female Disconnect*

Wire Range	Tab Size In.	Quantity	Cat. No.
16 – 14 AWG (1,5-2,5mm ²) 	.250 x .032 (6.35 x 0.8mm)	25	83-9401

105° C/300 Volts max.

Disconnect Adapter - Male to Female (2-1)*

Tab Size (In.)	Quantity	Cat. No.
.250 x .032 (6.35mm x 0.8mm) 	25	83-9801

105° C/300 Volts max.

Non-Insulated Parallel Splices*

Wire Range	Qty.	Cat. No.	Qty.	Cat. 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 (4,0-6,0mm ²)	25	83-9091	1,000	84-9091

105° C/600 Volts max.

*Not UL Listed

1-800-435-0705 CUSTOMER ASSISTANCE




Non-Insulated Butt Splices*



Wire Range	Qty.	Cat. No.	Qty.	Cat. No.
22 – 18 AWG (0,5-1,0mm ²)	25	83-9001	—	—
16 – 14 AWG (1,5-2,5mm ²)	25	83-9011	1,000	84-9011
12 – 10 (4,0-6,0mm ²)	25	83-9021	500	84-9021
8 (8,0mm ²)	25	83-9031	250	84-9031
6 (14,0mm ²)	20	83-9041	—	—
4 (22,0mm ²)	20	83-9051	—	—




105° C/600 Volts max.

Vinyl Insulated Butt Splices

Wire Range	Max. Wire Ins. Dia. In.	Qty.	Cat. No.	Qty.	Cat. No.
22 – 18 AWG (0,5-1,0mm ²) 	.157 (4.0mm)	25	83-9281	1,000	84-9281
16 – 14 AWG (1,5-2,5mm ²) 	.177 (4.5mm)	25	83-9291	1,000	84-9291
12 – 10 (4,0-6,0mm ²) 	.248 (6.3mm)	25	83-9301	500	84-9301

75° C/600 Volts max.

Vinyl Insulated Parallel Splices

Wire Range	Max. Wire Ins. Dia. In.	Qty.	Cat. No.
22 – 18 AWG (0,5-1,0mm ²) 	.157 (4.0mm)	1,000	83-9351
16 – 14 AWG (1,5-2,5mm ²) 	.177 (4.5mm)	1,000	83-9361
12 – 10 (4,0-6,0mm ²) 	.248 (6.3mm)	500	83-9371

75° C/600 Volts max.

Tap Splice Connectors

Wire Range	Color	Quantity	Cat. No.
22 – 18 AWG (0,5-1,0mm ²) 	Red	25	83-3261
16 – 14 AWG (1,5-2,5mm ²) 	Blue	25	83-3271
12 – 10 (4,0-6,0mm ²) 	Yellow	25	83-3281

75° C/600 Volts max.

