

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.



B-CAP® Wire Connectors

- Four color-coded models cover a full range of wire sizes from 22 AWG to 6 AWG
- Classic Fin™ design provides secure grip for extra leverage on maximum wire combinations
- Live-action spring expands to accept wire shape and size – no pre-twisting required
- Square-wire spring threads directly onto conductors for fast, secure connections
- Deep skirt protects against flash-over and turned-back strands for maximum dielectric protection
- Easily removed for repeat usage on same size or larger wire combinations
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- Green-B® designed for making ground connections and bonding non-metallic sheathed cable
- UL 486C Listed (Green-B® UL 467 Listed) and CSA 22.2 #188 Certified; comply with Federal Specification -S-610E




Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity/Package	Cat. No.
 B1	Yellow	600V* 22 to 10 AWG Min. 3 #20 Max. 3 #12	600V* ,34mm ² to 6,0mm ² Min. 3-,5mm ² Max. 3-4,0mm ²	Box of 100	B1-1
				Jar of 250	B1-250JR
				Jar of 500	B1-500JR
				Bag of 500	B1-B
				Barrel of 25,000	B1-SK
 B2	Red	600V* 22 to 8 AWG Min. 2 #18 Max. 5 #12	600V* ,34mm ² to 10,0mm ² Min. 2-,75mm ² Max. 5-4,0mm ²	Box of 100	B2-1
				Jar of 350	B2-350JR
				Jar of 500	B2-500JR
				Bag of 500	B2-B
				Barrel of 25,000	B2-SK
 B4	Blue-Gray	600V* 14 to 6 AWG Min. 2 #12 Max. 2 #6	600V* 2,5mm ² to 16,0mm ² Min. 2-4,0mm ² Max. 2-16,0mm ²	Box of 25	B4-1
				Bag of 250	B4-B
 BGR	Green	14 to 10 AWG Min. 2 #14 Max. 5 #12	2,5mm ² to 6,0mm ² Min. 2-2,5mm ² Max. 5-4,0mm ²	Box of 50	BGR-1
				Bag of 250	BGR-B

*1,000V maximum in fixtures and signs



Wire Connectors

- Wide red/yellow wire range; min. 2 #18 to max. 2 #8
- Rounded dial-top provides fast fingertip starts
- Square-wire spring provides quick, secure connections
- Comfortable swept-wing design with deep skirt to help protect over-stripped wires
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity/Package	Cat. No.
 BT2™	Red	600V* 18 to 8 AWG Min. 2 #18 Max. 2 #8	600V* ,75mm ² to 10mm ² Min. 2-,75mm ² Max. 2-10,0mm ²	Box of 100	BT2-1
				Jar of 500	BT2-500JR
				Barrel of 25,000	BT2-SK

*1,000V maximum in fixtures and signs



Wire Connector
774A

Cu/Cu
Only



Wire Connector
774A

Cu/Cu
Only



LR9706



Based on 2011 data available from Epicor/Vista.

Conduit Benders

- Exceptional, durable, materials for extra strength
- Reinforced at stress points for longer life
- Markings are raised and cast into the bender body on both sides for easy visibility
- Deeply serrated step helps prevent slippage when applying force
- Grooved internal hook surface helps prevent conduit from slipping
- Flat hook surface provides stable starting point
- Desirable bending system



Ductile Iron

- Withstands a lifetime of heavy use
- Ductile iron material is stronger than malleable iron or aluminum



Ductile Iron Head & Handle Complete

Conduit Type and Size	Cat. No.
1/2 in. EMT	74-026
3/4 in. EMT, 1/2 in. Rigid & 1/2 in. IMC	74-027
1 in. EMT, 3/4 in. Rigid & 3/4 in. IMC	74-028
1-1/4 in. EMT, 1 in. Rigid & 1 in. IMC	74-034

Ductile Iron Head Only

Conduit Type and Size	Cat. No.
1/2 in. EMT	74-001
3/4 in. EMT, 1/2 in. Rigid & 1/2 in. IMC	74-002
1 in. EMT, 3/4 in. Rigid & 3/4 in. IMC	74-003
1-1/4 in. EMT, 1 in. Rigid & 1 in. IMC	74-006

Aluminum

- Lightweight aluminum for easy handling
- Strong enough for every day use



Aluminum Head & Handle Complete

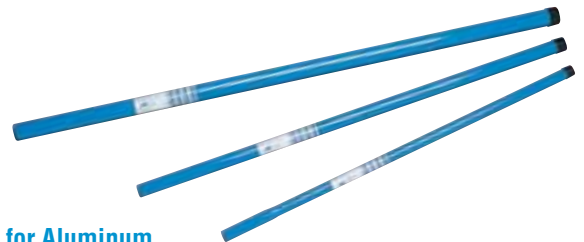
Conduit Type and Size	Cat. No.
1/2 in. EMT	74-046
3/4 in. EMT, 1/2 in. Rigid & 1/2 in. IMC	74-047

Aluminum Head Only

Conduit Type and Size	Cat. No.
1/2 in. EMT	74-031
3/4 in. EMT, 1/2 in. Rigid & 1/2 in. IMC	74-032

Handles For Benders

- Rugged, steel construction for long-term durability
- Baked-on blue enamel finish resists corrosion and enhances visibility
- Convenient bending guide for offset bends



Handles for Ductile Iron

Conduit Type and Size	Cat. No.
1/2 in. EMT	74-019
3/4 in. EMT, 1/2 in. Rigid & 1/2 in. IMC	74-019
1 in. EMT, 3/4 in. Rigid & 3/4 in. IMC	74-020
1-1/4 in. EMT, 1 in. Rigid & 1 in. IMC	74-021

Handles for Aluminum

Conduit Type and Size	Cat. No.
1/2 in. EMT	74-019
3/4 in. EMT, 1/2 in. Rigid & 1/2 in. IMC	74-019
1 in. EMT, 3/4 in. Rigid & 3/4 in. IMC	74-020
1-1/4 in. EMT, 1 in. Rigid & 1 in. IMC	74-021



TOOLS & SUPPLIES

PowerBlade™ Cable Cutter

- Extremely versatile: fits almost any drill (12V minimum)
- Cuts copper up to 2 in. diameter or 750 MCM or aluminum up to 2 in. diameter or 1000 MCM
- Heavy-duty gears and specially hardened blades for professional quality
- Rounded blade design minimizes cable distortion during cutting
- No need to mess with battery packs or special chargers; this tool works with the drill you already carry!



(Drill not included)

CABLE CUTTERS

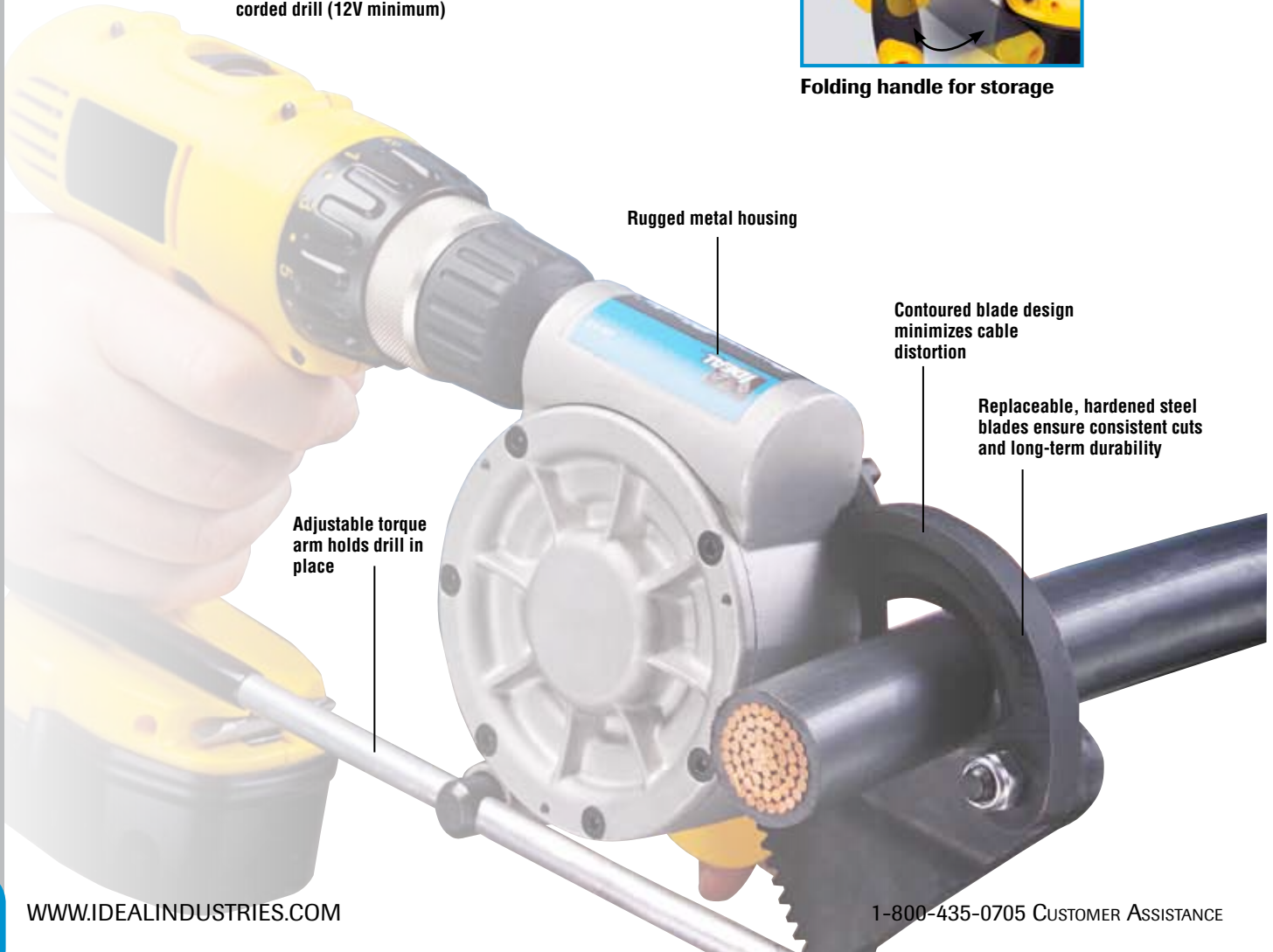
Description	Cat. No.
PowerBlade™ Cable Cutter	35-078
PowerBlade™ Replacement Handle	K-8947R
PowerBlade™ Replacement Blades (pair)	K-8906R
PowerBlade™ Replacement Torque Arm Assembly	K-8909
PowerBlade™ Replacement Carrying Case	K-8926

*Max. Jaw Opening - 2 in. Not for cutting steel or ACSR.

Attaches to any cordless or corded drill (12V minimum)



Folding handle for storage



Rugged metal housing

Contoured blade design minimizes cable distortion

Replaceable, hardened steel blades ensure consistent cuts and long-term durability

Adjustable torque arm holds drill in place