

Terminals & Wire

Dependable and easy to use, Gardner Bender™ terminals and wiring accessories offer the high quality and application flexibility that professionals demand. Available in a variety of packaging options, look to Gardner Bender™ for secure wire connection options.



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GB Gardner Bender **INNOVATION**

GB Xtreme® Terminals

Constructed with Heat Shrink insulation – adhesive lined to waterproof and environmentally seal electrical connections when crimped and heated.

- Insulates and protects connections from wire pullout, moisture intrusion and abrasion.
- Heat-activated adhesive melts and flows to create a seal.
- Resists salt water, oil, gasoline and other environmental contaminants.
- Rated at 600 Volt Max.
- Temperature rating: 221 °F (105 °C).

GB XTREME® For Harsh Environments

Ring Terminals

c UL us LISTED

22-18 Gauge



Part #	Pkg Qty	Stud Size
AMT-100	3/clam	8 to 10
AMT-4100	6/clam	8 to 10
AMT-5102	4/clam	10

16-14 Gauge



Part #	Pkg Qty	Stud Size
AMT-103	3/clam	8 to 10
AMT-4103	6/clam	8 to 10
AMT-5104	4/clam	10

12-10 Gauge



Part #	Pkg Qty	Stud Size
AMT-106	3/clam	8 to 10
AMT-108	3/clam	1/4"
AMT-4106	5/clam	8 to 10
AMT-5106	3/clam	10

Spade Terminals

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22-18 Gauge



Part #	Pkg Qty	Stud Size
AMT-110	3/clam	8 to 10
AMT-4110	16/clam	8 to 10

16-14 Gauge



Part #	Pkg Qty	Stud Size
AMT-113	3/clam	8 to 10
AMT-4113	6/clam	8 to 10

12-10 Gauge



Part #	Pkg Qty	Stud Size
AMT-116	3/clam	8 to 10
AMT-4116	5/clam	8 to 10

Butt Splices

c UL us LISTED

22-18 Gauge



Part #	Pkg Qty
AMT-120	3/clam
AMT-121	25/clam
AMT-4120	8/clam
AMT-5121	5/clam

16-14 Gauge



Part #	Pkg Qty
AMT-123	3/clam
AMT-124	25/clam
AMT-4123	7/clam
AMT-5123	5/clam

12-10 Gauge



Part #	Pkg Qty
AMT-126	3/clam
AMT-127	25/clam
AMT-4126	3/clam
AMT-5126	4/clam

Assortment



Part #	Pkg Qty	Description
GBX-TK	24/card	22-10 AWG assorted butt splices

NEW Heat Shrink Gun

- Use with heat shrink tubing or terminals.
- Refillable butane can included.

Part #	Pkg Qty
MSTR-TORCH	1/clam



General Purpose Terminals

Quick and reliable crimp-type wire connections.

- Color-coded by wire gauge size.
- Available in a variety of packaging options and stud sizes.
- Includes Spade and Ring Terminals, Disconnects, and Bullet, Butt & Tap Splices (p.17-19)

SEE PG 122 FOR MORE INFO ON Crimp Tools

Spade Terminals - Vinyl-Insulated Barrel

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

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22-18 Gauge	Part #	Pkg Qty	Stud Size
	10-111	100/clam	4 to 6
	10-112	100/clam	8 to 10
	20-111	20/clam	4 to 6
	20-112	20/clam	8 to 10
	21-111	10/clam	4 to 6
	21-112	7/clam	8 to 10
	75-111	75/clam	4 to 6

16-14 Gauge	Part #	Pkg Qty	Stud Size
	10-113	100/clam	4 to 6
	10-114	100/clam	8 to 10
	15-114	15/clam	8 to 10
	20-113	20/clam	4 to 6
	20-114	20/clam	8 to 10
	21-113	10/clam	4 to 6
	21-114	10/clam	8 to 10
	75-113	75/clam	8 to 10

12-10 Gauge	Part #	Pkg Qty	Stud Size
	10-116	50/clam	8 to 10
	15-116	15/clam	8 to 10
	21-116	8/clam	8 to 10
	75-116	5/clam	8 to 10

Ring Terminals - Non-Insulated

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

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16-14 Gauge	Part #	Pkg Qty	Stud Size
	10-204	100/bag	8 to 10

12-10 Gauge	Part #	Pkg Qty	Stud Size
	10-206	100/bag	8 to 10

Ring Terminals - Vinyl-Insulated Barrel

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

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22-18 Gauge	Part #	Pkg Qty	Stud Size
	20-101	22/clam	4 to 6
	20-102	22/clam	8 to 10
	21-101	10/clam	4 to 6
	21-102	10/clam	8 to 10

16-14 Gauge	Part #	Pkg Qty	Stud Size
	10-103	100/clam	4 to 6
	10-104	100/clam	8 to 10
	10-105	100/clam	12 to 1/4"
	15-104	15/clam	8 to 10
	15-105	15/clam	12 to 1/4"
	20-103	22/clam	4 to 6
	20-104	22/clam	8 to 10
	20-105	17/clam	12 to 1/4"
	21-103	10/clam	4 to 6
	21-104	10/clam	8 to 10
	21-105	7/clam	12 to 1/4"
	21-1055	7/clam	5/16" to 3/8"
	75-104	75/clam	8 to 10

12-10 Gauge	Part #	Pkg Qty	Stud Size
	10-106	50/clam	8 to 10
	10-107	50/clam	12 to 1/4"
	10-108	50/clam	1/4" to 3/8"
	15-106	15/clam	8 to 10
	15-107	15/clam	12 to 1/4"
	15-108	15/clam	5/16" to 3/8"
	20-106	14/clam	8 to 10
	20-107	14/clam	12 to 1/4"
	20-108	13/clam	1/4" to 3/8"
	21-106	8/clam	8 to 10
	21-107	7/clam	12 to 1/4"
	21-108	7/clam	5/16" to 3/8"
	21-109	7/clam	7/16" to 1/2"
	75-106	50/clam	8 to 10

6 Gauge	Part #	Pkg Qty	Stud Size
	14-095	4/card	1/4"
	14-097	4/card	1/2"
	15-096	4/card	3/8"

4 Gauge	Part #	Pkg Qty	Stud Size
	14-099	4/card	1/2"
	15-098	4/card	3/8"

Disconnects - Non-Insulated

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

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16-14 Gauge	Part #	Pkg Qty	Tab	Type
	**10-243F**	100/bag	0.250"	Female

12-10 Gauge	Part #	Pkg Qty	Tab	Type
	**10-245F**	100/bag	0.250"	Female

Disconnects - Vinyl-Insulated Barrel

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

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22-16 Gauge	Part #	Pkg Qty	Tab	Type
	**10-141F**	100/clam	0.250"	Female
	10-141M	100/clam	0.250"	Male
	20-141F	21/clam	0.250"	Female
	20-141M	18/clam	0.250"	Male
	21-141F	10/clam	0.250"	Female
	21-141M	10/clam	0.250"	Male
	21-146F	10/clam	0.187"	Female
	21-146M	10/clam	0.187"	Male

16-14 Gauge	Part #	Pkg Qty	Tab	Type
	**10-143F**	100/clam	0.250"	Female
	10-143M	100/clam	0.250"	Male
	15-143F	15/clam	0.250"	Female
	15-143M	14/clam	0.250"	Male
	20-143F	20/clam	0.250"	Female
	20-143M	18/clam	0.250"	Male
	21-143F	10/clam	0.250"	Female
	21-143M	10/clam	0.250"	Male
	75-143F	75/clam	0.250"	Female

12-10 Gauge	Part #	Pkg Qty	Tab	Type
	**10-145F**	100/clam	0.250"	Female
	10-145M	100/clam	0.250"	Male
	15-145F	15/clam	0.250"	Female
	20-145F	16/clam	0.250"	Female
	20-145M	16/clam	0.250"	Male
	21-145F	8/clam	0.250"	Female
	21-145M	8/clam	0.250"	Male
	75-145F	50/clam	0.250"	Female

Disconnects - Fully-Insulated

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

c UL us LISTED

22-18 Gauge	Part #	Pkg Qty	Tab	Type
	**10-151F**	100/clam	0.250"	Female
	15-151F	15/clam	0.250"	Female
	15-151M	15/clam	0.250"	Male
	20-151P	20/clam	0.250"	F/M Pairs
	21-151F	6/clam	0.250"	Female
	21-151M	6/clam	0.250"	Male

16-14 Gauge	Part #	Pkg Qty	Tab	Type
	**10-153F**	100/clam	0.250"	Female
	10-153M	80/clam	0.250"	Female
	10-153P	100/clam	0.250"	F/M Pairs
	15-153F	15/clam	0.250"	Female
	15-153M	15/clam	0.250"	Male
	20-153F	20/clam	0.250"	Female
	20-153P	20/clam	0.250"	F/M Pairs
	21-153F	6/clam	0.250"	Female
	21-153M	6/clam	0.250"	Male

12-10 Gauge	Part #	Pkg Qty	Tab	Type
	**10-155F**	50/clam	0.250"	Female
	21-155F	4/clam	0.250"	Female
	21-155M	4/clam	0.250"	Male

22-10 Gauge	Part #	Pkg Qty	Tab	Type
	**15-152P**	12/clam	0.250"	F/M Pairs

Bullet Splice - Fully Insulated

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

c UL us LISTED

22-18 Gauge	Part #	Pkg Qty	Tab	Type
	**20-161P**	10/clam	0.156"	F/M Pairs
	21-161F	6/clam	0.156"	Female
	21-161M	6/clam	0.156"	Male

16-14 Gauge	Part #	Pkg Qty	Tab	Type
	**20-163F**	20/clam	0.156"	Female
	20-163M	20/clam	0.156"	Male
	20-163P	20/clam	0.156"	F/M Pairs
	21-163F	6/clam	0.156"	Female
	21-163M	10/clam	0.156"	Male

Butt Splices

c UL us LISTED

- Rated at 600 Volt Max.
- Temperature rating: 167 °F (75 °C).

22-18 Gauge	Part #	Pkg Qty
	**10-121**	100/clam
	15-121	15/clam
	20-121	22/clam
	21-121	10/clam
	75-121	75/clam

16-14 Gauge	Part #	Pkg Qty
	**10-123**	100/clam
	15-123	15/clam
	20-123	21/clam
	21-123	10/clam
	75-123	75/clam

12-10 Gauge	Part #	Pkg Qty
	**10-126**	50/clam
	15-126	15/clam
	20-126	15/clam
	21-126	8/clam
	75-126	50/clam

Tap Splices

- Secure connections without stripping wire.
- Rated at 600 Volt Max.
- Temperature rating: 221 °F (105 °C).

22-18 Gauge	Part #	Pkg Qty
	**15-2218**	5/clam
	20-2218	5/clam[12]
	21-2218	5/clam[13]

16-14 Gauge	Part #	Pkg Qty
	**10-100**	25/clam
	20-100	5/clam[12]
	21-100	5/clam[13]

12-10 Gauge	Part #	Pkg Qty
	**20-1210**	4/clam[12]

[12]10 clams/master [13]5 clams/master

Terminal Blocks

- Rated at 30 Amp/600 Volt max.
- Temperature rating: -40 °F (-40 °C) to 260 °F (130 °C).
- Wire range 22-10 AWG.
- Accepts #8 stud size.

Part #	No. of Poles	Pkg Qty
GTB-406	6	1/clam
GTB-408	8	1/clam
GTB-410	10	1/clam


GTB-406


GTB-408


GTB-410

Terminal Adapters

Part #	Pkg Qty	Gauge	Type
10-283F	100/bag	16-14 AWG	Female
10-285F	100/bag	12-10 AWG	Female



Terminal and Connector Kits and Assortments

- Large selection of popular terminals and connectors.
- Assorted wire ranges, terminal and connector types.

SEE PG 122 FOR MORE INFO ON Crimp Tools

Part #	Pkg Qty	Description
10-170	100/clam	Ring and spade terminals, disconnects and butt splices, 22-14 AWG
15-120	15/clam	Fully insulated butt splice assortment, 22-10 AWG
15-2210	10/clam	Tap splice assortment, 22-10 AWG
15-2214	14/clam	Ring terminal assortment, 4-6 stud, 22-14 AWG
15-2216	14/clam	Spade terminal assortment, 8-10 stud, 22-14 AWG
CK-315	315/reusable case	WireGard™ and WingGard® connector kit, 22-6 AWG
CK-570	570/kit	WireGard™ and WingGard® connector kit, 22-6 AWG
GS-67K	25/clam	Stripper and crimper tool with ring and spade terminals, butt splices, female disconnects, 22-14 AWG
TK-32	32/card	WireGard™ and nylon pigtail connectors, 22-10 AWG
TK-40	40/card	Ring and spade terminals, butt splices, female disconnects, 22-10 AWG
TK-100	80/reusable case	WireGard™ connectors, ring and spade terminals, butt and tap splices, female disconnects, 22-10 AWG
TK-175	175/reusable case	Ring and spade terminals, butt splices, male and female disconnects, 22-10 AWG
TK-500	500/card	WireGard™ and nylon pigtail connectors, ring and spade terminals, butt and tap splices, male and female disconnects, 22-10 AWG
TK-806	100/case	Ring and spade terminals, butt splices, male and female disconnects, 22-10 AWG
TK-1210	28/card	Ring and spade terminals, butt splices, male and female disconnects, 12-10 AWG
TK-1614	48/card	Ring and spade terminals, butt splices, male and female disconnects, 16-14 AWG
TK-1822	46/card	Ring and spade terminals, butt splices, male and female disconnects, 22-18 AWG
TK-QC	18/clam	Tap splice kit, 22-10 AWG



CK-315



15-120



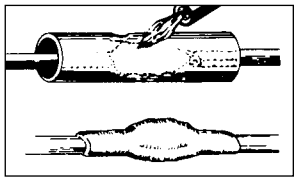
TK-806

Underground UF Splice Kit



Accommodates waterproof splicing of #14 - #8 AWG UF copper wire.

- Connector set screws engage each wire securely for a solid splice.
- Minimum conductor size 14/2 with ground.
- Maximum conductor size 8/3 with ground.
- Rated at 600 V max.



Part #	Pkg Qty	Description
HST-1300	1 kit	Underground UF Splice Kit

Kit Contains:

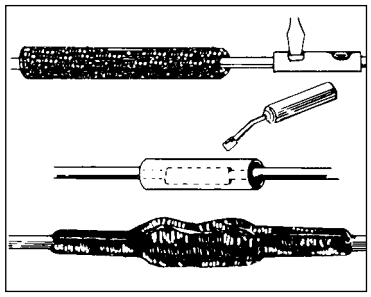
Qty	Description
4	Screw Splice Connectors
1	8" Heavy-Wall Polyolefin Heat-Shrink Tubing with Watertight Adhesive Liner

Butt Splice Kit (#8 - #2 AWG)



Used for waterproof installation or repair of #8 - #2 AWG copper cable.

- Easy to use.
- Seal with heat gun or torch.
- Eliminates messy epoxies, tapes or mastics.
- Rated at 600 V max.



Part #	Pkg Qty	Description
HSB-28	1 kit	Butt Splice Kit

Kit Contains:

Qty	Description
1	Screw Splice Connectors
1	4" Heavy-Wall Polyolefin Heat-Shrink Tubing with Watertight Adhesive Liner

Butt Splice Kit (#14 - #8 AWG)



Used for waterproof repair of well pipe cables and splices of stranded cable #14 - #8 AWG.

- Connector set screws engage each wire for a secure splice.
- Assures safe and permanent connections.
- Rated at 600 V max.

Part #	Pkg Qty	Description
HST-WP	1 kit	Butt Splice Connector Kit

Kit Contains:

Qty	Description
1	Screw Splice Connectors
1	4" Heavy-Wall Polyolefin Heat-Shrink Tubing with Watertight Adhesive Liner

SEE PG 165 FOR MORE INFO ON Heat Shrink Products

Battery Charging Clips

Designed specifically for battery and testing equipment applications, 5 - 50 Amp.

• Available in versatile sizes.



Part #	Pkg Qty	Description
14-505	4/card	5 Amp
14-510	4/card	10 Amp
14-520	2/card	20 Amp

Part #	Pkg Qty	Description
14-530	2/card	30 Amp
14-550	1/card	50 Amp

Insulated Battery Clamps

For battery, battery charger and testing equipment applications.

• Copper-clad clamp.

• Handle grips are insulated and color-coded for easy identification.



Part #	Pkg Qty	Description
14-610	2/card (1 red & 1 black)	10 Amp Copper Clad
14-630	2/card (1 red & 1 black)	30 Amp Copper Clad

Alligator Clips

Multi-purpose alligator clips for home, auto and marine applications.

• Available with insulating sleeve.

14-076



14-078



14-077



Part #	Pkg Qty	Description
14-075	4/card	Non-Ins. #22 - #14 AWG 1¼"
14-076	4/card	Non-Ins. #22 - #14 AWG 2"
14-077	2/card	Barrel-Ins. #22 - #14 AWG 2"
14-078	2/card	Fully-Ins. #22 - #14 AWG 2"

GB Xtreme® Primary Wire

Tinned copper wire provides maximum protection against corrosion and electrolysis.

• Ultra-flexible (Type 3) stranding.

• Resists salt water, battery acid, oil, gasoline and UV radiation.

• Insulation is heat and abrasion-resistant.

• Packaged in small spools.

• Rated to 600 V and 105 °C (221 °F) maximum.

	Part #	Pkg Qty	Wire Gauge	Length
	**AMW-312**	1/clam	12 AWG	12 FT
	AMW-314	1/clam	14 AWG	18 FT
	AMW-316	1/clam	16 AWG	25 FT
	AMW-318	1/clam	18 AWG	35 FT
	**AMW-322**	1/clam	12 AWG	12 FT
	AMW-324	1/clam	14 AWG	18 FT
	AMW-326	1/clam	16 AWG	25 FT
	AMW-328	1/clam	18 AWG	35

	Part #	Pkg Qty	Wire Gauge	Length
	**AMW-332**	1/clam	12 AWG	12 FT
	AMW-334	1/clam	14 AWG	18 FT
	AMW-336	1/clam	16 AWG	25 FT
	AMW-338	1/clam	18 AWG	35 FT

NOTES