



IDEAL Wire Connectors are available in:



Box: For small jobs at hand, just grab a box.



Store 'N Pour™ Jar:

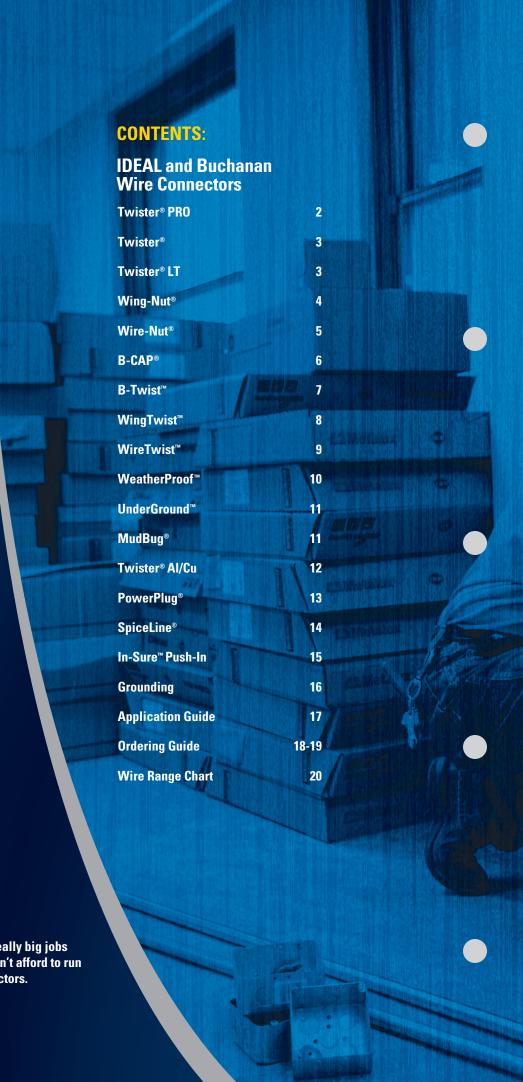
Easy-pour design keeps connectors clean and your shelf organized.



Power Pouch™: The new IDEAL Power Pouch™ connector bags are convenient, re-closeable and stand up on the job.



Barrel: For really big jobs when you can't afford to run out of connectors.





For ultimate COMFORT and maximum wire range

When you've got a job where you'll be making connections all day, the Twister® PRO red/yellow wire connector is the one you want. The SureGrip™design makes for improved torque while the comfortable swept wings ease hand fatigue. You'll feel the difference immediately.

Patented SureGrip™ overmolding provides improved leverage and more torque

Better grip and more leverage for faster connections

Exceptional wire range and capacity; up to MAX. 4 #10





FAST FACT:

MIN. 2 #18

The Twister® PRO is a high performance connector with the industry's widest wire range of any red/yellow connector.





Twister® PRO





 Twister* PRO Wire Connector:
 600 Volts Max.*

 344° Red/Yellow
 MIN. 2 #18
 MAX. 4 #10

 Wire Combinations:
 2 #18
 4 #14
 5 #12
 4 #10

More COMFORT, less fatigue

The Twister® Wire Connector easily handles the most common wiring configurations for residential construction projects. A patented, expanding square-wire spring ensures a quick, secure connection.

Hex-top allows for 5/16" nut driver application

Durable copolymer shell expands for progressive tightening, a feature that ensures dependable connections

Quick take-up on even the toughtest combinations including solid-to-stranded

Swept-wing design for improved comfort and extra leverage



FAST FACT:

The small profile of the Twister LT makes it perfect for recessed lighting applications.

MIN. 3 #14 MAX. 2 #8 w/ 2 #12

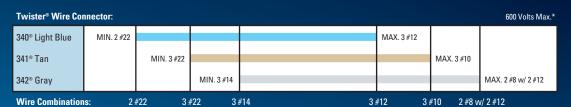
MIN. 3 #22 MAX. 3 #10

MIN. 2 #22 MAX. 3 #12









*1,000 Volts signs and fixtures

COMFORT from the IDEAL family of Performance & Reliability



Twister®



UL CU/CO

*1.000 Volts signs and fixtures





The connector that started it all, an American CLASSIC

The original connector, for a full range of wires and jobs. With five color-coded models covering a range of wires from #22 to #6, the Wire-Nut® Wire Connector is the all-around twist-on you can count on.

Positive-grip shell design



Square-wire fixed spring design creates its own threads for a grip that will last

Perfect for fine stranded wire applications

Wire-Nut®

FAST FACT:

Yellow and red Wire-Nut® connectors can easily be applied using the Twist-a-Nut™ Screwdriver.



MIN. 2 #18 MAX. 4 #14 w/1 #18 MIN. 2 #14 MAX. 4 #12



MIN. 2 #22 MAX. 3 #16 MIN. 2 #22 Str.

MAX 2#16







MIN. 1 #18 w/1 #20 MAX. 2 #14

ASSIC
Wire-Nut®

MAX. 2 #6

5 #12

3 #12



B4 Blue

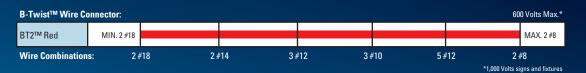
Wire Combinations:



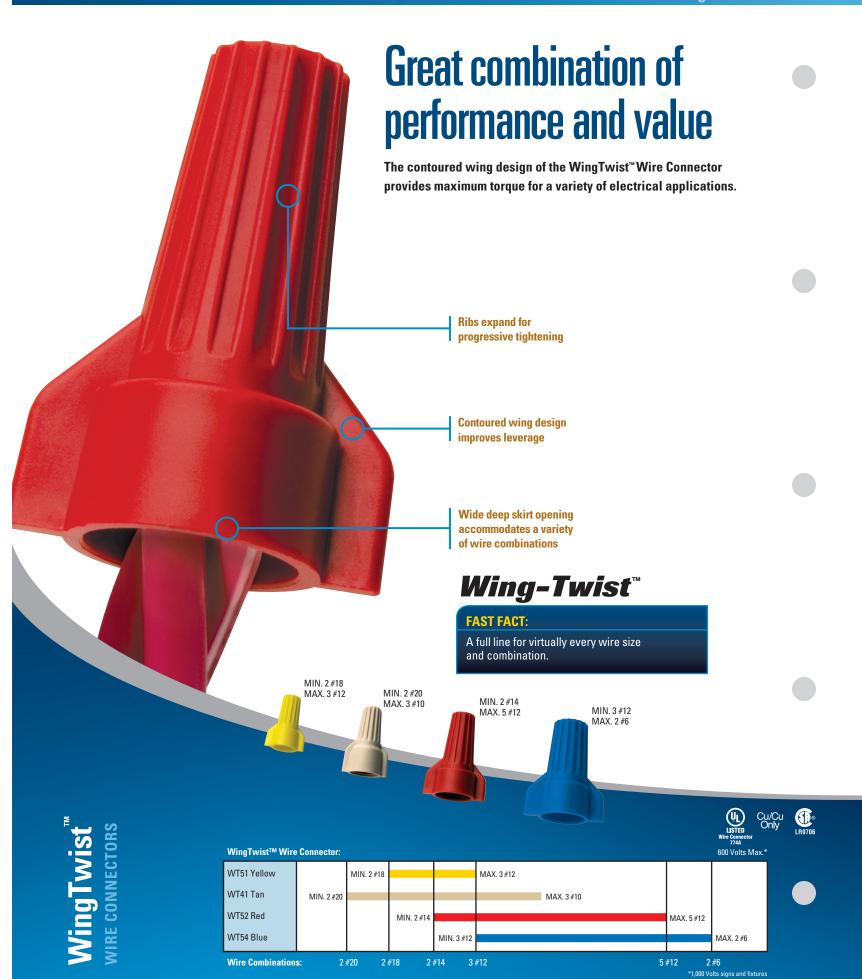








B-Twist wire connectors





The price is right for this economical connector that brings you a lot of value in comfort and performance.

Positive grip shell design

Flame-retardant shell rated at 105 °C (221 °F)

Multiple sizes accommodate a broad range of electrical applications

Wire-Twist™

FAST FACT:

Developed for projects on tight budgets.



MIN. 2 #14 MAX. 4 #12

MIN. 2 #18 MAX. 2 #12

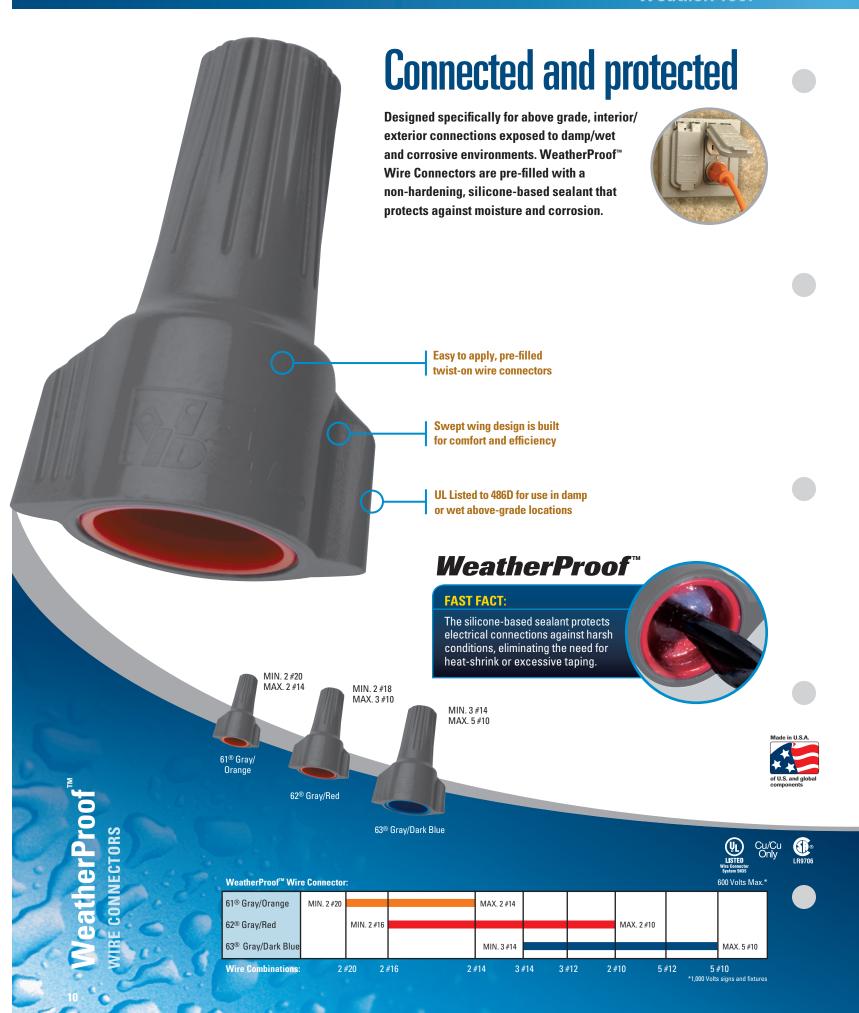






WireTwist

IDEAL Wire Connectors Weather Proof™





UnderGround™ Wire Connectors are designed to secure and protect connections in a wide variety of below-grade wet location and direct burial applications. Quick and easy application saves time and energy, eliminating the need for heat shrink, resin-packs, and multi-step corrosion kits.

> Expanding, live-action square-wire spring for fast, secure, and long lasting connections

> > UL listed to 486D for use in damp/wet or direct burial/below-grade applications

Deep skirt provides superior moisture resistance to protect electrical connections

UnderGround

FAST FACT:

Tough, thermoplastic shell provides extra protection against accidental impacts.



Perfect for ultility tracer line applications.

> MIN. 1 #20 w/1 #18 MAX. 1 #10 w/2 #12



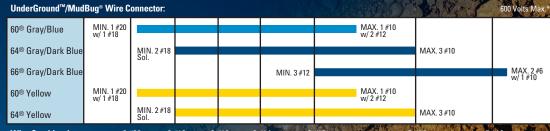


MIN. 2 #18 Sol. MAX. 3 #10

64® Gray/Dark Blue 60® Gray/Blue







Wire Combinations:

2 #18

2 #14

MIN. 3 #12 MAX. 2 #6 w/1 #10

66® Gray/Dark Blue



The only twist-on for aluminum to copper connections

The Twister® Al/Cu Wire Connector is the only UL listed aluminum-to-copper twist-on connector that prevents aluminum oxidation while providing a secure connection. Anti-oxidant compound cuts through oxidation on aluminum conductors for improved conductivity and cooler connections.

Patented swept-wing design for comfortable connections

Pre-filled antioxidant compound prevents oxidation of aluminum conductors

Entry cap retains corrosion-resistant compound



FAST FACT:

Aluminum wiring was common in 1970's era construction. The Twister® Al/Cu provides a solution for improved connections with today's copper wiring.



[wister" AI/Cu

Twister® Al/Cu Wire Combinations:

600 Volts Max.

1 #10 Al solid w/1 or 2 #10 Cu solid 1 #12 Al w/1 or 2 #14 Cu 1 #10 Al w/1 or 2 #12 Cu 2 #12 Al solid w/1 #14 Cu 2 #10 Al solid w/1 #12 Cu 1 #10 Al w/1 or 2 #18 Cu 1 #10 Al w/1 or 2 #14 Cu 2 #10 Al solid w/1 #18 Cu 2 #10 Al solid w/1 #14 Cu 1 #12 Al w/1 or 2 #16 Cu 2 #12 Al solid w/1 #10 Cu 2 #12 Al solid w/1 #16 Cu 1 #12 Al solid w/1 or 2 #10 Cu 1 #10 Al w/1 or 2 #16 Cu 1 #12 Al stranded w/1 or 2 #10 Cu solid 2 #10 Al solid w/1 #16 Cu 1 #12 Al w/1 or 2 #12 Cu 1 #12 Al w/1 or 2 #18 Cu 2 #12 Al solid w/1 #12 Cu 2 #12 Al solid w/1 #18 Cu

VADAUNIC.

- 1. One time use only. Do not reuse connector.
- 2. Do not use on aluminum to aluminum wire combinations.
- 3. Wiring must comply with all applicable electrical codes.
- 4. Contact IDEAL for complete wire combination listing.







Fast, safe, efficient ballast installation

The IDEAL PowerPlug® Luminaire Disconnect is perfect for new lighting installations and retrofit lighting applications. It's the first push-in luminaire disconnect that fully meets the National **Electrical Code for non-residential fluorescent fixtures with** ballasts. [2005 NEC 410.73(G), 2008 and 2011 NEC 410.130(G)]

> **Patented IDEAL push-in technology** quickly locks wires in place

Both halves are "touch-safe" per UL 2459

Fits through 1/2" knockout



Luminaire Disconnect

FAST FACT:

The PowerPlug®allows safe disconnect of hot and neutral ballast wiring.



3 Amp/120V



PowerPlug® 102:



6 Amp/600V

Wire Range	Line Side/Ballast Side
Solid	#12 – #18
Stranded	#12 – #14 (19 strand or less)
Stranded Tin-Bonded	#12 - #14 (19 strand or less) #16 (26 strand or less) #18 (16 strand or less)

PowerPlug®	103:	6 Amps/600 Volts Max
Wire Range	Line Side	Ballast Side
Solid	#12 – #18	#18
Stranded	#12 – #14 (19 strand or less)	None
Stranded Tin-Bonded	#12 - #14 (19 strand or less) #16 (26 strand or less) #18 (16 strand or less)	#18 (16 strand or less)

PowerPlug® 182/183:		3 Amps/120 Volts Max.
Wire Range	Line Side	/Ballast Side
Solid	#18	

A faster alternative to the butt-splice

The SpliceLine® In-Line Wire Connector provides a crimp-free, solderless butt-splice. The two-port model supports a wide range of wires, allowing one connector to do the job of three butt-splices. Its end-to-end connection is also a great solution for pre-fab operations.

Transparent polycarbonate shell allows for visual inspection of connection

Slim design fits through 1/2" knockout

Check port for continuity testing



FAST FACT:

Perfect for lengthening short wires, the SpliceLine® is 2X faster than traditional butt-splices.





42 2-Port





600 Volts Max

Solid	#20 – #12 solid
Stranded	#16 – #12 (19 strand or less)
Stranded Tin-Bonded	#18 – #14 (19 strand or less)

For use on insulation types TFN, TFFN, THHN, XHHW, T90 nylon or equivaler







Strip, Push, Connect-The fastest way to make a connection

The In-Sure™ Push-In wire connector is perfect for residential, light commercial, lighting retrofit and pre-fab wiring systems. The fastest, easiest, no-twist push-in connector on the market.

Clear shell allows visual inspection of the connection

No-twist push-in design reduces repetitive motion fatigue

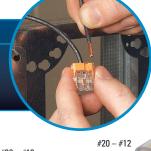
Full line accommodates #20 – #12, 2 to 4 wire connections

In-Sure™

FAST FACT:

#20 - #12

The In-Sure™ Push-In has low insertion force for fast, easy connections. Great for pre-fab wiring.

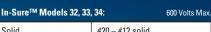


#20 - #12 #20 - #12 34 4-Port 33 3-Port

3-Port
ACCEPTS
#10 AWG

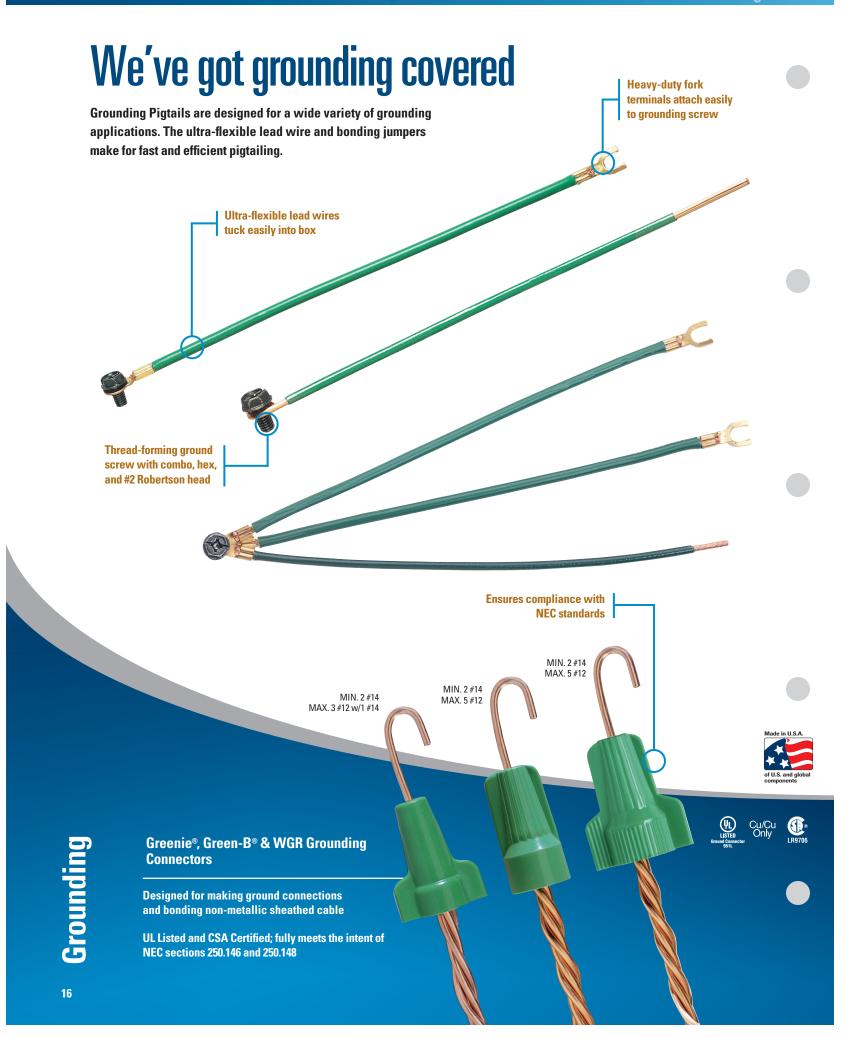
#14 - #10

n-Sure Push-In
wire connectors



Solid	#20 – #12 solid
Stranded	#16 – #12 (19 strand or less) #18 (7 strand)
Stranded Tin-Bonded	#18 – #14 (19 strand or less)

In-Sure™ Model 39:	600 Volts Max.
Solid	#14 – #10 solid
Stranded	#12 – #10 (19 strand or less)
Stranded Tin-Bonded	#14 – #10 (19 strand or less)



WeatherProof™ 61® Gray/Orange ●	age acles 3.Phase
341° Tan 344° Red/Yellow 342° Gray 348° Red/Yellow 718° Gray 728° Blue 345° Yellow 748° Yellow 748° Yellow 748° Yellow 748° Place 748° Yellow 748° Blue 748°	
342° Gray Wite-Mate* TiPe Gray 338° Orange 738° Pellow 738° Orange 748° Yellow 748° Yellow 748° Yellow 748° Yellow 748° Pellow 748° Pellow 748° Yellow 748° Pellow 748° Pell	
### ##################################	
### ##################################	•
718° Gray 728° Blue 738° Orange 748° Yellow 768° Red 768° Red 769° Red 758°	• •
728° Blue	
738° Orange	
74B° Vallow	
Wing-Nut*	
Wing-Nut* 451° Yellow 452° Red 454° Blue B CAP° Bl Yellow 9	
451° Yellow	•
452º Red	
## Bit Yellow ## By Tellow ## B	
B-CAP* B1 Yellow B2 Red B4 Blue B-Twist** WingTwist** WT51 Yellow WT51 Yellow WT52 Red WT52 Red WT54 Blue WT52 Red WT54 Blue WT56 Red WT56	•
B1 Yellow B2 Red B4 Blue B-Twist*** B1Z* Red WingTwist** WI51 Yellow WI751 Yellow WI751 Red WI752 Red WI752 Red WI752 Red WI754 Blue WI754 Blue WI754 Blue WI754 Blue WI756 Red WI756	•
B2 Red B-Twist** B-Twist** WingTwist** WT512 Red WT51 Yellow WT41 Tan WT52 Red WT54 Blue WT64 Blue WT754 Blue WT755 Blue WT755 Blue WT75 Blue WT7	
Be Huise B-Twist*** BIT2* Red WingTwist** WT51 Yellow WT41 Tan WT52 Red WT52 Red WT54 Blue WireTwist** WT16 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT7 Server Serv	
B-Tuist*** WingTwist*** WT51 Yellow WT41 Tan WT52 Red WT52 Red WT54 Blue WT64 Blue WT754 Blue WT754 Blue WT754 Blue WT754 Blue WT754 Blue WT755 Blue WT755 Blue WT755 Blue WT755 Blue WT756 Blue WT75	•
WingTwist*** WT51 Yellow WT41 Tan WT52 Red WT54 Blue WT64 Blue WT754 Blue WT755 Blue WT755 Blue WT755 Blue WT755 Blue WT755 Blue WT756 Red W	•
WingTwist** WT51 Yellow WT41 Tan WT52 Red WT54 Blue WireTwist** WT1 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT6 Red WT6 Red WT7 Yellow WT7 Yellow WT7 Yellow WT7 Yellow WT8 Red WT9 Yellow WT9 Ye	
WT51 Yellow WT52 Red WT54 Blue WireTwist*** WT1 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT6 Red WT6 Gray/Orange WT7 Orange WT7 Orange WT7 Orange WT7 Orange WT8 Orange WT9 Orange	•
WT52 Red WT54 Blue WireTwist** WT1 Gray WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT7 Orange WT7 Orange WT7 Orange WT8 Orange WT9 Ora	
WT52 Blue WireTwist** WT1 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT7 Pandor Power Industrial Section S	
WT1 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT7 Orange WT8 Orange WT9 Ora	-
WireTwist™ WT1 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT6 Red WT7 Orange WeatherProof™ 61® Gray/Orange 62® Gray/Dark Blue WT6 Gray UnderGround* WireTwist™ WireTwist™ WT7 Blue WT7 Blue WT8 Blue WT9 All Dark Lighting RESULTATIAL RESULTAT	•
WT1 Gray WT2 Blue WT3 Orange WT4 Yellow WT6 Red WT6 Red WT6 Red WT6 Red WT7 Orange WE A CALL A COMMON SATERINAL COMM	•
WT3 Orange WT4 Yellow WT6 Red WT6 Red RESIDENTIAL RE	\top
WT3 Orange WT4 Yellow WT6 Red WT6 Red RESIDENTIAL RE	
WT4 Yellow WT6 Red WT7 Reserved to the state of the stat	
WT4 Yellow WT6 Red WT7 Reserved to the state of the stat	
WeatherProof** 61® Gray/Orange 62® Gray/Dark Blue ManderGround** ManderGro	
WeatherProof™ 61® Gray/Orange 62® Gray/Dark Blue MinderGround™	
WeatherProof™ 61® Gray/Orange ● <td< td=""><td></td></td<>	
61® Gray/Orange	71
62® Gray/Red	
63® Gray/Dark Blue • • • • • • • • • • • • • • • • • •	
UnderGround™	
60® Gray/Blue	

Ordering Guide

Twister® Wire Connectors

Model	Quantity	Cat. No.
	Box of 100	30-340
340® Lt. Blue	Jar of 500	30-640J
340° Lt. Diue	Barrel of 35,000	30-840
	Box of 100	30-341
	Jar of 400	30-441J
041® Top	Bag of 500	30-641
341® Tan	Jar of 750	30-341J
	Carton of 1,000	30-541
	Barrel of 25,000	30-841
	Box of 50	30-342
342® Gray	Bag of 250	30-642
3 (4.7)	Barrel of 15,000	30-842
	Box of 50	30-144
	Jar of 250	30-244J
344 _® Red/Yellow	Jar of 500	30-644J
	Barrel of 20,000	30-944

Wing-Nut® Wire Connectors

ving-idat vine connectors		
Model	Quantity	Cat. No.
	Box of 100	30-451
	Jar of 225	30-451J
451® Yellow	Jar of 500	30-651J
	Bag of 250	30-651
	Barrel of 35,000	30-851
	Box of 100	30-452
	Jar of 300	30-452J
452® Red	Jar of 500	30-652J
	Bag of 500	30-652
	Barrel of 25,000	30-852
	Box of 25	30-454
454® Blue	Bag of 500	30-654
生烈	Carton of 250	30-554

Wire-Nut® Wire Connectors

vino real vino connectors				
	Model	Quantity	Cat. No.	
		Box of 100	30-071	
	71B® Gray	Keg of 25,000	30-271	
		Barrel of 150,000	30-871	
		Box of 100	30-072	
	72B® Blue	Keg of 10,000	30-272	
		Barrel of 85,000	30-872	
	73B® Orange	Box of 100	30-073	
		Jar of 300	30-073J	
		Bag of 500	30-273	
		Barrel of 50,000	30-873	
470	74B® Yellow	Box of 100	30-074	
		Jar of 175	30-074J	
		Bag of 500	30-274	
		Barrel of 35,000	30-874	
	76B® Red	Box of 100	30-076	
		Bag of 250	30-276	
		Barrel of 15,000	30-876	

Other package configurations available. Please contact IDEAL or your local IDEAL distributor for more information.

B-CAP® Wire Connectors

	Model	Quantity	Cat. No.
		Box of 100	B1-1
		Jar of 250	B1-250JR
	B1 Yellow	Jar of 500	B1-500JR
		Bag of 500	B1-B
		Barrel of 25,000	B1-SK
	B2 Red	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	Box of 25	B4-1
		Carton of 250	B4-B

B-Twist™ Wire Connectors

	Model	Quantity	Cat. No.
		Box of 100	BT2-1
BT2™ Red	BT2™ Red	Jar of 500	BT2-500JR
	•	Barrel of 25,000	BT2-SK

WingTwist™ Wire Connectors

Model	Quantity	Cat. No.
	Box of 100	WT51-1
WT51 Yellow	Bag of 500	WT51-B
WIST Tellow	Jar of 500	WT51-500JR
	Barrel of 25,000	WT51-SK
	Box of 100	WT41-1
WT41 Tan	Bag of 500	WT41-B
WI4I Idii	Jar of 500	WT41-500JR
	Barrel of 25,000	WT41-SK
A	Box of 100	WT52-1
WT52 Red	Bag of 500	WT52-B
W152 Neu	Jar of 500	WT52-500JR
	Barrel of 25,000	WT52-SK
WT54 Blue	Box of 50	WT54-1
	Bag of 100	WT54-B

WireTwist™ Wire Connectors

Model	Quantity	Cat. No.
WT1 Gray	Box of 100	WT1-1
Wildiay	Bag of 500	WT1-B
	Box of 100	WT2-1
WT2 Blue	Bag of 500	WT2-B
	Keg of 50,000	WT2-SK
	Box of 100	WT3-1
WT3 Orange	Bag of 500	WT3-B
	Barrel of 50,000	WT3-SK
	Box of 100	WT4-1
WT4 Yellow	Bag of 500	WT4-B
	Barrel of 25,000	WT4-SK
	Box of 100	WT6-1
WT6 Red	Bag of 250	WT6-B
	Barrel of 25,000	WT6-SK

WeatherProof® Wire Connectors

	Model	Quantity	Cat. No.
61®/62®		Asst., Card of 10	30-6162
		Card of 25	30-1161
	61® Gray/Orange	Jar of 150	30-1261J
	or Gray/Orange	Box of 1,000	30-1361
		Card of 20	30-1162
	62® Gray/Red	Jar of 100	30-1262J
	02© Gray/neu	Box of 1,000	30-1362
		Card of 15	30-1163
	63® Gray/Dk. Blue	Jar of 50	30-1263J
	03° Gray/DK. Diue	Box of 1,000	30-363

UnderGround® Wire Connectors

Model		Quantity	Cat. No.
60®/64®		Asst., Card of 10	30-6064
60® Gray/Dk	Rlue	Card of 25	30-1160
OU Glay/Div	V. Diuc	Carton of 100	30-1260
		Carton of 1,000	30-1630
64® Gray/Dk	c. Blue	Carton of 50	30-1264
		Box of 1,000	30-1364
66® Gray/Dk	k. Blue	Box of 50	30-1066

MudBug® Utility Wire Connectors

Model	Quantity	Cat. No.
	Box of 25	30-160Y
60® Yellow	Box of 1,000	30-360Y
64® Yellow	Box of 25	30-164Y

Twister® Al/Cu Wire Connectors

Model	Quantity	Cat. No.
65 Purple	Card of 2	30-065
	Card of 10	30-765
	Card of 25	30-165
	Box of 100	30-265
	Carton of 1,000	30-365

PowerPlug® Luminaire Disconnects

i ovveii iug		Disconnicots	
	Model	Quantity	Cat. No.
		Card of 25	30-372
1	102	Jar of 75	30-382J
20	2-Pole	Jar of 150	30-352J
		Carton of 1,000	30-102
		Card of 20	30-383X
	103	Jar of 50	30-383XJ
9	3-Pole	Jar of 100	30-353XJ
		Carton of 1,000	30-103X
		Box of 100	30-082
182 2-Pole		Carton of 2,500	30-682
		w/6" leads, Carton of 1,000	30-682L*
1500	183	Box of 100	30-083
	3-Pole	Carton of 2,500	30-683

SpliceLine™ Wire Connectors

Model	Quantity	Cat. No.
42 Orange	Bag of 10	30-1342\$
	Box of 100	30-1042
	Jar of 300	30-1042J
	Box of 2,500	30-1642

In-Sure™ Push-In Wire Connectors

Mode	el	Ports	Quantity	Cat. No.	
			Box of 100	30-1032	
32 Re	d	2	Jar of 300	30-1032J	
			Box of 5,000	30-1632	
			Box of 100	30-1033	
33 Ora	ange	3	Jar of 250	30-1033J	
		Box of 5,000	30-1633		
- Care				Box of 100	30-1034
34 Ye	llow	4	Jar of 200	30-1034J	
			Box of 5,000	30-1634	
00.01	0.01	00.01		Box of 50	30-1039
39 Blu (#14-		3	Jar of 150	30-1039J	
(#14	"10)		Box of 2,500	30-1639	

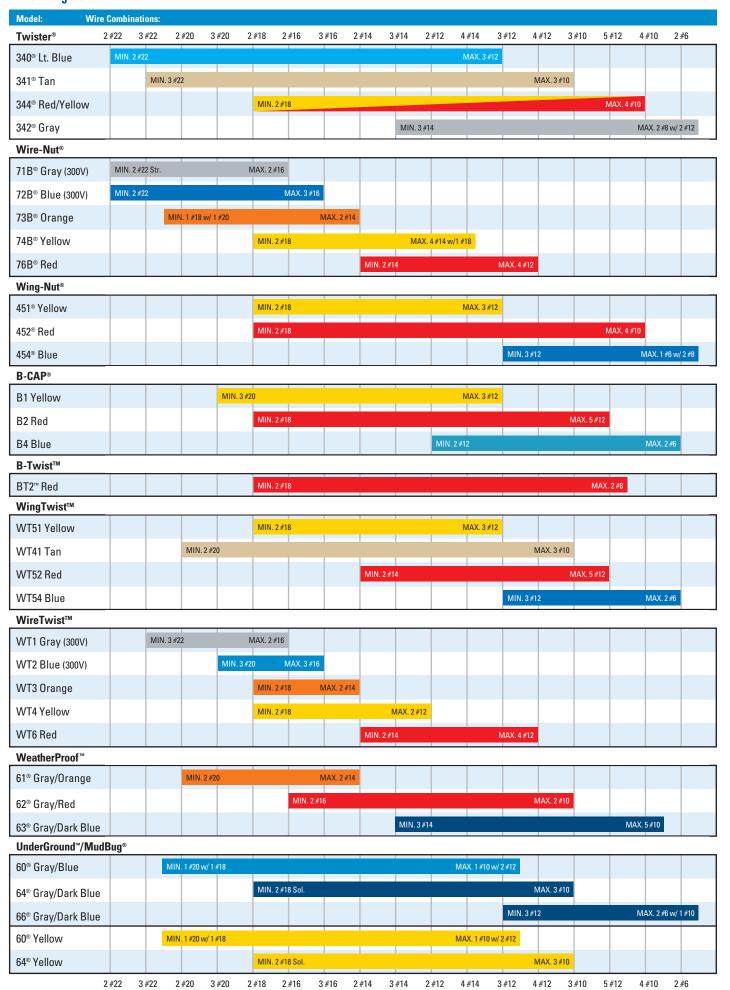
Grounding Products

Model	Quantity	Cat. No.
#14 Solid 8"	Box of 50	30-3390
#40.0 II.LON	Box of 50	30-3392
#12 Solid 8"	Box of 100	30-3399
	Box of 1,000	30-3496
#14 Stranded 7-3/4"	Bag of 25	30-3183
"40 O	Bag of 25	30-3184
#12 Stranded 7-3/4"	Box of 50	30-3385
	Box of 1,000	30-3284
	Box of 500	30-3286
	Bag of 25	30-3287
	Bag of 25	30-3288
	Bag of 25	30-3289

Other tail lengths, wire gauges, combinations and package configurations available.

Model	Quantity	Cat. No.
\cap	Box of 100	30-092
92® Greenie®	Jar of 150	30-092J
92° dicelle	Bag of 500	30-292
	Box of 1,000	30-192
POD O PO	Box of 50	BGR-1
BGR Green-B®	Keg of 2,500 (10 bags, 250 ea.)	BGR-B
	Box of 50	WGR-1
WGR Green	Jar of 500	WGR-500JR
190	Keg of 5,000 (20 bags, 250 ea.)	WGR-B
Model	Quantity	Cat. No.
	Pack of 50	30-3194
Ground Screw	Jar of 100	30-3594

Wire Range Chart



Premium Wire Connectors



Wire-Nut® Wire Connector

The American Classic Since 1928.

POWER



Wing-Nut®
Wire Connector

Brings More Power with Every Twist.

COMFORT



Twister® Wire Connector

More Comfort, Less Fatigue.

COMPACT



B-CAP® Wire Connector

Compact Size, Wide Range.

FASTER



B-Twist™ Wire Connector

Comes to Torque **Quick** and **Easy**.