

# IDEAL WIRE CONNECTOR BROCHURE

BUILT FOR COMFORT | DESIGNED  
FOR PERFORMANCE.



THE ELECTRICIAN'S  
**CHAMPION**™



Find Quality Products Online at:

 **Valuetesters.com**

[info@valuetesters.com](mailto:info@valuetesters.com)



You're a pro. You know to wire the job right you need the best wire connectors available.

That's why day in and day out, you choose: IDEAL, the Electrician's Champion™

IDEAL has a connector that's right for every job. Our complete line is built to provide safe, dependable solutions for every application.

Just pick the connector that's right for your job and right for you. You're the pro. You know what works best. IDEAL and Buchanan Wire Connectors. Built for performance and reliability.

For additional details on the entire line of IDEAL Wire Connectors or other products, visit [idealind.com](http://idealind.com)



# THE ELECTRICIAN'S CHAMPION™





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# TWISTER® PROFLEX™

## WIRE CONNECTORS

### FLEXIBLE SKIRT FOR ADDED PROTECTION

Twister® ProFLEX™ combines the most comfortable connector from IDEAL with the added protection of a flexible skirt. It delivers the widest wire combination range with the highest voltage rating in the industry. Every day performance professional electricians can trust.



Tough UL 94V-2 flame-retardant shell

Swept wing design with SureGrip™ overmold offers greater comfort, leverage and torque for faster connections

Expanding square-wire spring and polypropylene shell deliver a secure connection every time.

Flexible skirt provides improved protection and adapts to tightly fit electrical boxes with limited space

**FAST FACT:**  
Twister® ProFLEX™ has the **highest voltage rating in the industry** at 1000 volts max.



1,000 Volts Max.  
105°C (221°F)

#### Twister® ProFLEX™ Wire Connector

347 Red/Yellow

Min. 2 #18

Max. 4 #10

Wire Combinations:



Made in U.S.A. of U.S. and global components.



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[info@valuetesters.com](mailto:info@valuetesters.com)



# TWISTER® PRO

## WIRE CONNECTORS

### CUSHION-GRIP SWEEP WING

When you've got a job where you'll be making connections all day, the red/tan Twister® PRO 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.



SureGrip™ overmolding provides improved leverage and more torque

Better grip and more leverage for faster connections

Widest range in the industry.  
2 #18 to Max. 4 #10s

#### FAST FACT:

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



MIN. 2 #18  
MAX. 4 #10



#### Twister® PRO Wire Connector

344® Red/Tan	Min. 2 #18					Max. 4 #10
--------------	------------	--	--	--	--	------------

Wire Combinations:

2 #18

4 #14

5 #12

4 #10

\*1,000 Volts signs and fixtures.

600 Volts Max. \*  
105°C (221°F)

Made in U.S.A. of U.S. and global components.





**PERFECT**

CONNECTOR FOR  
RESIDENTIAL  
JOBS.

# TWISTER®

## WIRE CONNECTORS

### COMFORTABLE SWEEP WING

The Twister® Wire Connector easily handles the most common wiring configurations for residential construction projects. An expanding live-action 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 provides dependable connections

Quick take-up on even the toughest 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.



UL LISTED Wire Connector 774A  
Cu/Cu Only  
CE



MIN. 2 #22  
MAX. 3 #12



MIN. 3 #22  
MAX. 3 #10



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

#### Twister® Wire Connector

340™ Orange	Min. 2 #22				Max. 3 #12		
341® Tan		Min. 3 #22				Max. 3 #10	
342® Gray			Min. 3 #14				Max. 2 #8 w/2 #12

Wire Combinations:

2 #22    3 #22    3 #14    3 #12    3 #10    2 #8 w/2 #12

600 Volts Max. \*  
105°C (221°F)

\*1,000 Volts signs and fixtures.



Made in U.S.A. of U.S. and global components.

**Twister®**

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**Valuetesters.com**

info@valuetesters.com



# WING-NUT®

## WIRE CONNECTORS

### HIGH-LEVERAGE WING

The Wing-Nut® Wire Connector provides an easy, secure grip when connecting a wide range of wires. The specially designed contoured wings make for extra torque and quick work on any electrical job.

Copolymer shell expands for smooth, progressive tightening

Expanding, square-wire spring accommodates a wide range of wire sizes and combinations

Contoured wing profile provides extra leverage for maximum torque

#### FAST FACT:

The red Wing-Nut® will accommodate 2 #18 to 4 #10 wires. **THE WIDEST RANGE in the industry!**



MIN. 2 #18  
MAX. 3 #12



MIN. 2 #18  
MAX. 4 #10



MIN. 3 #12  
MAX. 1 #6 w/2 #8



#### Wing-Nut® Wire Connector

451® Yellow	Min. 2 #18			Max. 3 #12			
452® Red	Min. 2 #18					Max. 4 #10	
454® Blue			Min. 3 #12				Max. 1 #6 w/2 #8

Wire Combinations: 2 #18 2 #14 3 #12 5 #12 4 #10 5 #10

600 Volts Max. \*  
105°C (221°F)

\*1,000 Volts signs and fixtures.

Made in U.S.A. of U.S. and global components.





# WIRE-NUT®

## WIRE CONNECTORS

### THE AMERICAN CLASSIC SINCE 1928

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 AWG, 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 secure hold

Perfect for fine stranded wire applications



#### FAST FACT:

Yellow and red Wire-Nut® Wire Connectors can easily be applied using the line of Twist-a-Nut® Screwdrivers.



#### Wire-Nut® Wire Connector

Model	Min. Wire Count	Max. Wire Count	Max. Wire Size
71B® Gray (300V)	Min. 2 #22 Str.	Max. 2 #16	
72B® Blue (300V)	Min. 2 #22	Max. 3 #16	
73B® Orange (600V*)	Min. 1 #18 w/1 #20	Max. 2 #14	
74B® Yellow (600V*)	Min. 2 #18	Max. 4 #14 w/1 #18	
76B® Red (600V*)	Min. 2 #14	Max. 4 #12	

Models 71B®, 72B®, and 73B®  
**PLENUM RATED**  
Suitable for Air-Handling Space

105°C (221°F)

#### Wire Combinations:

2 #22    2 #20    2 #18    2 #14    3 #12    4 #12

\*1,000 Volts signs and fixtures.



Made in U.S.A. of U.S. and global components.



# B-CAP®

## WIRE CONNECTORS

### LOW-PROFILE FIN

The B-CAP® Wire Connector gets you in those hard-to-reach spots comfortably, especially when you're retrofitting or updating. With an expanding interior spring, this compact connector accepts a wide range of wire sizes and combinations.

Comfortable, low-profile fin design provides a secure grip for extra leverage

Unique, space-saving profile is perfect for "old work" or shallow boxes

The B2 easily handles 2 #18, up to 5 #12; will even dead-end a single #14

#### FAST FACT:

The B-CAP® is extremely popular with veteran electricians because of its wide range and space-saving design.



MIN. 3 #20  
MAX. 3 #12

MIN. 2 #18  
MAX. 5 #12

MIN. 2 #12  
MAX. 2 #6 Str.

#### B-CAP® Wire Connector

B1 Yellow	Min. 3 #20				Max. 3 #12	
B2 Red		Min. 2 #18			Max. 5 #12	
B4 Blue-Gray			Min. 2 #12			Max. 2 #6 Str.

Wire Combinations: 3 #20 2 #18 2 #12 3 #12 5 #12 2 #6  
\*1,000 Volts signs and fixtures.

600 V. Max.\*  
105°C (221°F)



Made in U.S.A. of U.S. and global components.



# B-TWIST™

## WIRE CONNECTORS

### LONG, SWEPT-WING, FAST-START SPRING

The B-TWIST™ Wire Connector combines all the features of red and yellow wire connectors in one unique design. The rounded "dial-top" provides fast finger tip starts and its low-profile design fits easily into electrical boxes. With a wide wire range, the B-TWIST™ provides top performance at a great value.



Vertical ribs improve grip

Long swept-wings improve comfort and torque

Deep skirt helps protect over-stripped wires

**WIDER  
RANGE**  
THAN  
COMPETITOR'S  
TAN/RED

#### FAST FACT:

The B-TWIST™ handles the entire range of red and yellow connector.



MIN. 2 #18  
MAX. 2 #8



UL  
LISTED  
Wire Connector  
774A

Cu/Cu  
Only

SP  
LR9706

#### B-Twist™ Wire Connector

600V. Max.\*  
105°C (221°F)

BT2™ Red	Min. 2 #18						Max. 2 #8
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Wire Combinations: 2 #18 2 #14 3 #12 3 #10 5 #12 2 #8  
\*1,000 Volts signs and fixtures.



Made in U.S.A. of U.S. and global components.



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[info@valuetesters.com](mailto:info@valuetesters.com)



# WINGTWIST®

## WIRE CONNECTORS

### CONTOURED SPRING

The contoured wing design of the WingTwist® Wire Connector provides maximum torque for a variety of electrical applications.

Ribs expand for progressive tightening

Contoured wing design improves leverage

Wide deep skirt opening accommodates a variety of wire combinations

**FAST FACT:**  
A full line for virtually every wire size and combination.



MIN. 2 #18  
MAX. 3 #12



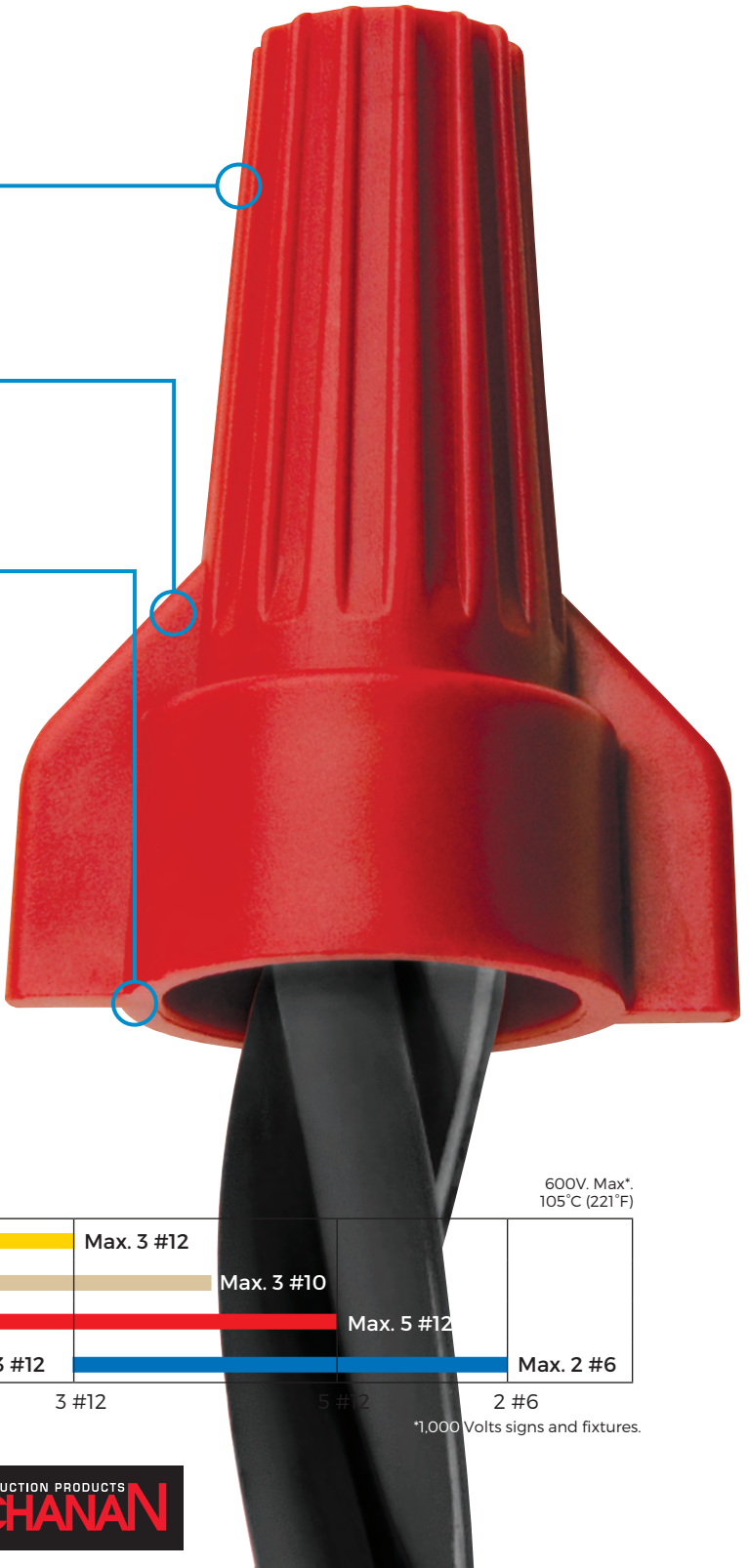
MIN. 2 #20  
MAX. 3 #10



MIN. 2 #14  
MAX. 5 #12



MIN. 3 #12  
MAX. 2 #6



#### Wing-Twist® Wire Connector

600V, Max\*.  
105°C (221°F)

WT51 Yellow		Min. 2 #18		Max. 3 #12		
WT41 Tan	Min. 2 #20				Max. 3 #10	
WT52 Red			Min. 2 #14		Max. 5 #12	
WT54 Blue				Min. 3 #12		Max. 2 #6

**Wire Combinations:**      2 #20      2 #18      2 #14      3 #12      5 #12      2 #6

Made in Canada.

\*1,000 Volts signs and fixtures.



# WIRETWIST®

## WIRE CONNECTORS

### FIXED-SPRING

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

Positive grip shell design for fast, easy installation

Tough, UL 94V-2 Flame-retardant shell rated at 105°C (221°F)

Multiple sizes accommodate a broad range of electrical applications

#### FAST FACT:

Developed for projects on tight budgets.



Cu/Cu Only



#### Wire-Twist® Wire Connector

600V, Max.\*  
105°C (221°F)

WT1 Gray (300V)	Min. 3 #22				Max. 2 #16		
WT2 Blue (300V)		Min. 3 #20				Max. 3 #16	
WT3 Orange (600V*)			Min. 2 #18			Max. 2 #14	
WT4 Yellow (600V*)		Min. 3 #20				Max. 2 #12	
WT6 Red (600V*)					Min. 2 #14		Max. 4 #12
Wire Combinations:		3 #22	3 #20	2 #18	2 #16	2 #14	2 #12 4 #12

\*1,000 Volts signs and fixtures.

Made in Canada.

Find Quality Products Online at:



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# WEATHERPROOF WIRE CONNECTORS ABOVE GRADE (GROUND) USE

Designed specifically for above grade, interior/exterior connections exposed to damp/wet and corrosive environments. WeatherProof Wire Connectors are pre-filled with a non-hardening, silicone-based sealant that protects against moisture and corrosion.

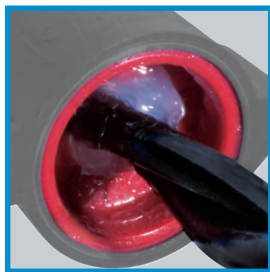


Easy to apply, pre-filled twist-on wire connectors

Swept wing design is designed for comfort and efficiency

UL Listed to 486G Sealed Twist-on Wire Connectors

For use in damp/wet locations or above-grade applications



## FAST FACT:

The silicone-based sealant protects electrical connections against harsh conditions, eliminating the need for heat-shrink or excessive taping.



MIN. 2 #20  
MAX. 2 #14



MIN. 3 #18  
MAX. 2 #10 w/1 #14



MIN. 3 #14  
MAX. 5 #10

## WeatherProof Wire Connector

600V. Max.\*  
105°C (221°F)

61® Gray/Orange	Min. 2 #20			Max. 2 #14					
62® Gray/Red		Min. 3 #18					Max. 2 #10 w/1 #14		
63® Gray/Dark Blue				Min. 3 #14					Max. 5 #10

Wire Combinations:

2 #20

3 #18

2 #14

3 #14

3 #12

3 #10

5 #12

5 #10

\*1,000 Volts signs and fixtures.

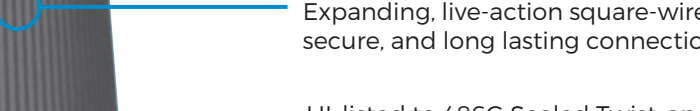
Made in U.S.A. of U.S. and global components.



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

UL listed to 486G Sealed Twist-on Wire Connectors

For use in damp/wet locations or direct burial/below grade applications

Deep skirt provides superior moisture resistance to protect electrical connections



Tough, thermoplastic shell provides extra protection against accidental impacts.




**Cu/Cu  
Only**



**LISTED**  
Sealed Twist-On  
Wire Connector 5N35

600V. Max.\*  
105°C (221°F)

60® Gray/Gray	Min. 1 #20 w/1 #18						Max. 1 #10 w/2 #12	
64® Gray/Dark Blue		Min. 2 #18 Sol.					Max. 3 #10	
66™ Gray/Dark Blue				Min. 3 #12				

Max. 2 #6  
w/1 #10

\*1,000 Volts signs and fixtures.



**info@valuetesters.com**



# TWISTER® AL/CU

## WIRE CONNECTORS

### AL/CU 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.

Swept-wing design for comfortable connections

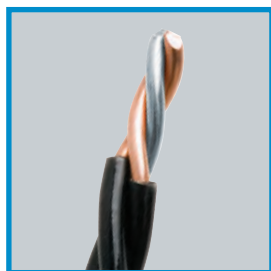
Pre-filled antioxidant compound prevents oxidation of aluminum conductors

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.



Wire Connector also listed as grounding equipment.



#### Twister® Al/Cu Wire Combinations:

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

600V maximum building wire; 1000V signs or light fixtures, 105°C (221°F)

#### WARNING:

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. Use with aluminum-to-copper or copper clad-to-copper connections only.



Made in U.S.A. of U.S. and global components.



# POWERPLUG<sup>®</sup> LUMINAIRE DISCONNECTS FAST & EFFICIENT BALLAST INSTALLATION

The IDEAL<sup>®</sup> PowerPlug<sup>®</sup> Luminaire Disconnect is perfect for new lighting installations, retrofit and OEM 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)]

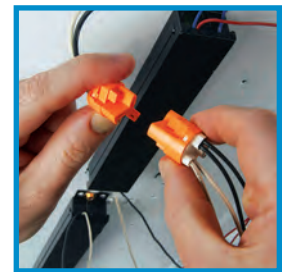
Patented IDEAL<sup>®</sup> push-in technology quickly locks wires in place

Both halves are "touch-safe" per UL 2459

Fits through 1/2" knockout

#### FAST FACT:

The PowerPlug<sup>®</sup> allows safe disconnect of hot and neutral ballast wiring.



#### PowerPlug<sup>®</sup> 102<sup>®</sup>: 6 Amps/600 Volts Max.

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

#### PowerPlug<sup>®</sup> 103: 6 Amps/600 Volts Max.

Wire Range	Line Side	Ballast Side
Solid	#12 - #18	#18
Stranded	#12 - #14 (≤19 strand)	None
Stranded Tin-Bonded	#12 - #14 (≤19 strand) #16 (≤26 strand) #18 (≤16 strand)	#18 (≤16 strand)

#### PowerPlug<sup>®</sup> 182<sup>®</sup>/183: 3 Amps/600 Volts Max.

Wire Range	Line Side/Ballast Side
Solid	#18

6 Amp/600V



102<sup>®</sup>  
2-Pole

Made in U.S.A. of  
global components.

6 Amp/600V



103  
3-Pole

Made in China

3 Amp/600V



182<sup>®</sup>  
2-Pole

Made in U.S.A. of U.S. and

3 Amp/600V



183  
3-Pole

**powerplug<sup>®</sup>**  
Luminaire Disconnect



# SPLICELINE®

## IN-LINE WIRE CONNECTORS

### 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 up to 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 **75% faster than butt-splices.**



42  
2-Port



#### SpliceLine® 42:

600 Volts Max.

Solid	#20 - #12
Stranded	#16 - #12 (≤19 strand)
Stranded Tin-Bonded	#18 - #14 (≤19 strand)

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

**SpliceLine®**  
IN-LINE WIRE CONNECTORS

Made in U.S.A. of U.S. and global components.



# IN-SURE® PUSH-IN WIRE CONNECTORS

## STRIP. PUSH. CONNECT.

The In-Sure® Push-In wire connector is perfect for residential, light commercial, lighting retrofit and pre-fab wiring systems. A fast, easy, no-twist solution for terminating connections.

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

ACCEPTS  
#10 AWG

39  
3-Port

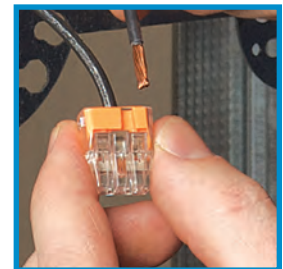
34  
4-Port

33  
3-Port

32  
2-Port

### FAST FACT:

The In-Sure® Push-In Wire Connector has a low insertion force for fast, easy connections. Great for pre-fab wiring.



600 Volts Max.\*  
105°C (221°F)

### In-Sure® Models 32, 33, 34:

600 Volts Max.\*  
105°C (221°F)

Solid	#20 - #12
Stranded	#16 - #12 (≤19 strand) #18 (7 strand)
Stranded Tin-Bonded	#18 - #14 (≤19 strand)

### In-Sure® Model 39:

Solid	#14 - #10
Stranded	#12 - #10 (≤19 strand)
Stranded Tin-Bonded	#14 - #10 (≤19 strand)

\*1,000 Volts maximum signs and fixtures.



Made in U.S.A.

Find Quality Products Online at:



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# GROUNDING PRODUCTS

## WE'VE GOT GROUNDING COVERED

Grounding Pigtails are designed for a wide variety of grounding applications. The ultra-flexible lead wire and bonding jumpers make for fast and efficient pigtailling.

Ultra-flexible lead wires tuck easily into box

Heavy-duty fork terminals attach easily to grounding screw

Thread-forming ground screw with combo, hex, and #2 Robertson head

**NEW**

### Push Tail™ Grounding Product

- 12 AWG Wire, 8 in. tail
- Pre-installed 4-port In-Sure® Push-In Wire Connector

Ensures compliance with NEC standards

**BGR**  
MIN. 2 #14  
MAX. 5 #12

**WGR**  
MIN. 2 #14  
MAX. 5 #12

**Greenie® 92®**  
MIN. 2 #14  
MAX. 4 #12

### Greenie®, Green-B® & WGR Grounding Connectors

Designed for making ground connections and bonding non-metallic sheathed cable.

UL Listed and CSA Certified; fully meets the intent of NEC sections 250.146 and 250.148



Made in U.S.A. of U.S. and global components.




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# Ordering Guide




## Twister® ProFLEX Wire Connectors

Model	Quantity	Cat. No.
 347 Red/Yellow	Box of 50	<b>30-1047</b>
	Bag of 250	<b>30-347</b>
	Jar of 500	<b>30-1347J</b>
	Barrel of 15,000	<b>30-747</b>

## Twister® Wire Connectors

Model	Quantity	Cat. No.
 340™ Orange	Box of 100	<b>30-340</b>
	Jar of 500	<b>30-640J</b>
 341® Tan	Box of 100	<b>30-341</b>
	Jar of 400	<b>30-441J</b>
	Bag of 500	<b>30-641</b>
	Jar of 750	<b>30-341J</b>
	Barrel of 25,000	<b>30-841</b>
 342® Gray	Box of 50	<b>30-342</b>
	Bag of 250	<b>30-642</b>
	Barrel of 15,000	<b>30-842</b>
 344® Red/Tan	Box of 50	<b>30-144</b>
	Jar of 250	<b>30-244J</b>
	Jar of 500	<b>30-644J</b>
	Barrel of 20,000	<b>30-944</b>




## Wing-Nut® Wire Connectors

Model	Quantity	Cat. No.
 451® Yellow	Box of 100	<b>30-451</b>
	Jar of 225	<b>30-451J</b>
	Jar of 500	<b>30-651J</b>
	Bag of 500	<b>30-651</b>
	Barrel of 35,000	<b>30-851</b>
 452® Red	Box of 100	<b>30-452</b>
	Jar of 300	<b>30-452J</b>
	Jar of 500	<b>30-652J</b>
	Bag of 500	<b>30-652</b>
 454® Blue	Box of 25	<b>30-454</b>
	Bag of 100	<b>30-654</b>


## Wire-Nut® Wire Connectors

Model	Quantity	Cat. No.
 71B® Gray	Box of 100	<b>30-071</b>
	Keg of 25,000	<b>30-271</b>
 72B® Blue	Box of 100	<b>30-072</b>
	Keg of 10,000	<b>30-272</b>
	Barrel of 85,000	<b>30-872</b>
 73B® Orange	Box of 100	<b>30-073</b>
	Jar of 300	<b>30-073J</b>
	Bag of 500	<b>30-273</b>
	Keg of 10,000	<b>30-673</b>
	Barrel of 50,000	<b>30-873</b>
 74B® Yellow	Box of 100	<b>30-074</b>
	Jar of 175	<b>30-074J</b>
	Bag of 500	<b>30-274</b>
	Keg of 5,000	<b>30-674</b>
 76B® Red	Box of 100	<b>30-076</b>
	Jar of 150	<b>30-076J</b>
	Bag of 250	<b>30-276</b>

## B-CAP® Wire Connectors

Model	Quantity	Cat. No.
 B1 Yellow	Box of 100	<b>B1-1</b>
	Jar of 250	<b>B1-250JR</b>
	Jar of 500	<b>B1-500JR</b>
	Bag of 500	<b>B1-B</b>
 B2 Red	Box of 100	<b>B2-1</b>
	Jar of 350	<b>B2-350JR</b>
	Jar of 500	<b>B2-500JR</b>
	Bag of 500	<b>B2-B</b>
 B4 Blue/Gray	Box of 25	<b>B4-1</b>
	Carton of 250	<b>B4-B</b>



## B-Twist™ Wire Connectors

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

## WingTwist® Wire Connectors




Model	Quantity	Cat. No.
 WT51 Yellow	Box of 100	<b>WT51-1</b>
	Bag of 500	<b>WT51-B</b>
	Jar of 500	<b>WT51-500JR</b>
	Barrel of 25,000	<b>WT51-SK</b>
 WT41 Tan	Box of 100	<b>WT41-1</b>
	Bag of 500	<b>WT41-B</b>
	Jar of 500	<b>WT41-500JR</b>
	Barrel of 25,000	<b>WT41-SK</b>
 WT52 Red	Box of 100	<b>WT52-1</b>
	Bag of 500	<b>WT52-B</b>
	Jar of 500	<b>WT52-500JR</b>
	Barrel of 25,000	<b>WT52-SK</b>
 WT54 Blue	Box of 50	<b>WT54-1</b>
	Bag of 100	<b>WT54-B</b>

## WireTwist® Wire Connectors




Model	Quantity	Cat. No.
 WT1 Gray	Box of 100	<b>WT1-1</b>
	Bag of 500	<b>WT1-B</b>
 WT2 Blue	Box of 100	<b>WT2-1</b>
	Bag of 500	<b>WT2-B</b>
 WT3 Orange	Box of 100	<b>WT3-1</b>
	Bag of 500	<b>WT3-B</b>
 WT4 Yellow	Box of 100	<b>WT4-1</b>
	Bag of 500	<b>WT4-B</b>
 WT6 Red	Box of 100	<b>WT6-1</b>
	Bag of 250	<b>WT6-B</b>

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


## WeatherProof Wire Connectors

Model	Quantity	Cat. No.
61°/62°	Asst., Card of 10	<b>30-6162</b>
	Card of 25	<b>30-1161</b>
	Jar of 150	<b>30-1261J</b>
	Carton of 1,000	<b>30-1361</b>
	Card of 20	<b>30-1162</b>
	Jar of 100	<b>30-1262J</b>
	Carton of 1,000	<b>30-1362</b>
	Card of 15	<b>30-1163</b>
	Jar of 50	<b>30-1263J</b>
	Carton of 1,000	<b>30-1363</b>





## UnderGround Wire Connectors

Model	Quantity	Cat. No.
60°/64°	Asst., Card of 10	<b>30-6064</b>
	Card of 25	<b>30-1160</b>
	Box of 100	<b>30-1260</b>
	Box of 50	<b>30-1264</b>
	Box of 50	<b>30-1066</b>

## Twister® Al/Cu Wire Connectors

Model	Quantity	Cat. No.
	Card of 2	<b>30-065</b>
	Card of 10	<b>30-765</b>
	Card of 25	<b>30-165</b>
	Box of 100	<b>30-265</b>
	Carton of 1,000	<b>30-365</b>


## PowerPlug® Luminaire Disconnects

Model	Quantity	Cat. No.
	Card of 25	<b>30-372</b>
	Jar of 75	<b>30-382J</b>
	Jar of 150	<b>30-352J</b>
	Box of 1,000	<b>30-102</b>
	Card of 20	<b>30-383X</b>
	Jar of 100	<b>30-353XJ</b>
	Box of 1,000	<b>30-103X</b>
	Box of 100	<b>30-082</b>
	Box of 2,500	<b>30-682</b>
	Box of 100	<b>30-083</b>
	Box of 2,500	<b>30-683</b>





## Maintenance Lighting Kits

Model	Quantity	Cat. No.
Basic Lighting Kit	Assorted	<b>30-2255</b>
Lighting Installation Kit	Assorted	<b>30-2257</b>


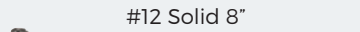

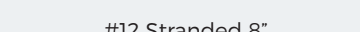

## SpliceLine® Wire Connectors

Model	Quantity	Cat. No.
	Bag of 10	<b>30-1342S</b>
	Box of 100	<b>30-1042</b>
	Jar of 300	<b>30-1042J</b>
	Box of 2,500	<b>30-1642</b>





## In-Sure® Push-In Wire Connectors

Model	Quantity	Cat. No.
	Box of 100	<b>30-1032</b>
	Jar of 300	<b>30-1032J</b>
	Box of 5,000	<b>30-1632</b>
	Box of 100	<b>30-1033</b>
	Jar of 250	<b>30-1033J</b>
	Box of 5,000	<b>30-1633</b>
	Box of 100	<b>30-1034</b>
	Jar of 200	<b>30-1034J</b>
	Box of 5,000	<b>30-1634</b>
	Box of 50	<b>30-1039</b>
	Jar of 150	<b>30-1039J</b>

## Grounding Products



























Model	Quantity	Cat. No.
	Bulk of 1,000	<b>30-3390</b>
	Bag of 50	<b>30-3392</b>
	Box of 100	<b>30-3399</b>
	Box of 1,000	<b>30-3496</b>
	Bag of 25	<b>30-3183</b>
	Bag of 25	<b>30-3184</b>
	Box of 50	<b>30-3385</b>
	Box of 1,000	<b>30-3284</b>
	Box of 500	<b>30-3286</b>
	Bag of 25	<b>30-3287</b>
	Bag of 25	<b>30-3288</b>
	Bag of 25	<b>30-3289</b>
	Bag of 25	<b>30-3415</b>
	Carton of 250	<b>30-3414</b>







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

Model	Quantity	Cat. No.
	Box of 100	<b>30-092</b>
	Jar of 150	<b>30-092J</b>
	Bag of 500	<b>30-292</b>
	Box of 50	<b>BGR-1</b>
	Carton of 250	<b>BGR-B</b>
	Box of 50	<b>WGR-1</b>
	Carton of 250	<b>WGR-B</b>
Model	Quantity	Cat. No.
 Ground	Pack of 50	<b>30-3194</b>



# WIRE CONNECTOR APPLICATION GUIDE

Model		RESIDENTIAL										COMMERCIAL									
		Light Switches	Receptacles	Ceiling Fans	Can Lights	Thermostat Controls	HVAC	Smoke/CO Detectors	Garage Door Openers	Door Bells		Multi-Gang Switch Boxes	Security Systems	Intercoms	Recessed Lighting Controls	Illuminated Signage Receptacles	3-Phase Motors	HVAC			
<b>Twister®</b>																					
347 Red/Yellow		•	•				•		•			•	•		•	•	•	•			
340™ Orange		•	•	•	•	•	•	•		•		•	•	•	•						
341® Tan		•	•				•	•	•			•	•		•			•			
344® Red/Tan		•	•				•		•			•	•		•	•	•	•			
342® Gray															•	•	•	•			
<b>Wire-Nut®</b>																					
71B® Gray						•															
72B® Blue						•	•											•			
73B® Orange				•	•			•				•	•					•			
74B® Yellow		•		•	•			•					•		•						
76B® Red		•	•				•		•						•	•	•	•			
<b>Wing-Nut®</b>																					
451® Yellow		•	•	•	•			•					•					•			
452® Red		•	•				•		•						•	•	•	•			
454® Blue															•	•	•	•			
<b>B-CAP®</b>																					
B1 Yellow		•		•	•			•					•	•	•			•			
B2 Red		•	•				•		•						•	•	•	•			
B4 Blue															•	•	•	•			
<b>B-Twist™</b>																					
BT2™ Red		•	•				•		•						•	•	•	•			
<b>WingTwist®</b>																					
WT51 Yellow		•		•	•			•					•	•	•			•			
WT41 Tan		•	•				•	•	•				•		•			•			
WT52 Red		•	•				•		•						•	•	•	•			
WT54 Blue															•	•	•	•			
<b>WireTwist®</b>																					
WT1 Gray						•															
WT2 Blue					•	•	•						•	•				•			
WT3 Orange				•	•			•					•	•				•			
WT4 Yellow		•		•	•			•					•		•			•			
WT6 Red		•	•				•		•						•	•	•	•			

RESIDENTIAL										COMMERCIAL									
Landscape Lighting										Landscape Lighting									
Pool Filters/Controls										Security Systems									
Outdoor Power Outlets										Exterior Lighting									
Patio/Deck Lighting										Street/Parking Lot Lighting									
Bathroom/Spa Vent Fans										Car Washes									
Security Systems										Processing Plants									
Basement/Garage										Traffic Signals									
Lawn-Sprinkler Controls										Ejection Pumps									
Sump/Well Pumps										HVAC									
WeatherProof																			
61® Gray/Orange																			
62® Gray/Red																			
63® Gray/Dk. Blue																			
UnderGround																			
60® Gray/Gray																			
64® Gray/Dk. Blue																			
66™ Gray/Dk. Blue																			

# WIRE RANGE CHART

**Model:** Wire Combinations:

	2 #22	3 #22	2 #20	3 #20	2 #18	2 #16	3 #16	2 #14	3 #14	2 #12	4 #14	3 #12	4 #12	3 #10	5 #12	4 #10	2 #6
<b>Twister® ProFLEX</b>																	
347 Red/Yellow																	
<b>Twister®</b>																	
340™ Orange																	
341° Tan																	
344° Red/Tan																	
342° Gray																	
<b>Wire-Nut®</b>																	
71B® Gray (300V)																	
72B® Blue (300V)																	
73B® Orange																	
74B® Yellow																	
76B® Red																	
<b>Wing-Nut®</b>																	
451° Yellow																	
452° Red																	
454° Blue																	
<b>B-CAP®</b>																	
B1 Yellow																	
B2 Red																	
B4 Blue/Gray																	
<b>B-Twist™</b>																	
BT2™ Red																	
<b>WingTwist®</b>																	
WT51 Yellow																	
WT41 Tan																	
WT52 Red																	
WT54 Blue																	
<b>WireTwist®</b>																	
WT1 Gray (300V)																	
WT2 Blue (300V)																	
WT3 Orange																	
WT4 Yellow																	
WT6 Red																	
<b>WeatherProof</b>																	
61® Gray/Orange																	
62® Gray/Red																	
63® Gray/Dark Blue																	
<b>UnderGround</b>																	
60® Gray/Gray																	
64® Gray/Dark Blue																	
66™ Gray/Dark Blue																	

2 #22 3 #22 2 #20 3 #20 2 #18 2 #16 3 #16 2 #14 3 #14 2 #12 4 #14 3 #12 4 #12 3 #10 5 #12



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