IDEAL

Wire Connectors

**BUILT FOR COMFORT.
DESIGNED FOR PERFORMANCE.**

Wire Connector Brochure

**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.

CONTENTS:

IDEAL and Buchanan Wire Connectors

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 BRAND ELECTRICIANS TRUST.

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 comfort and performance.
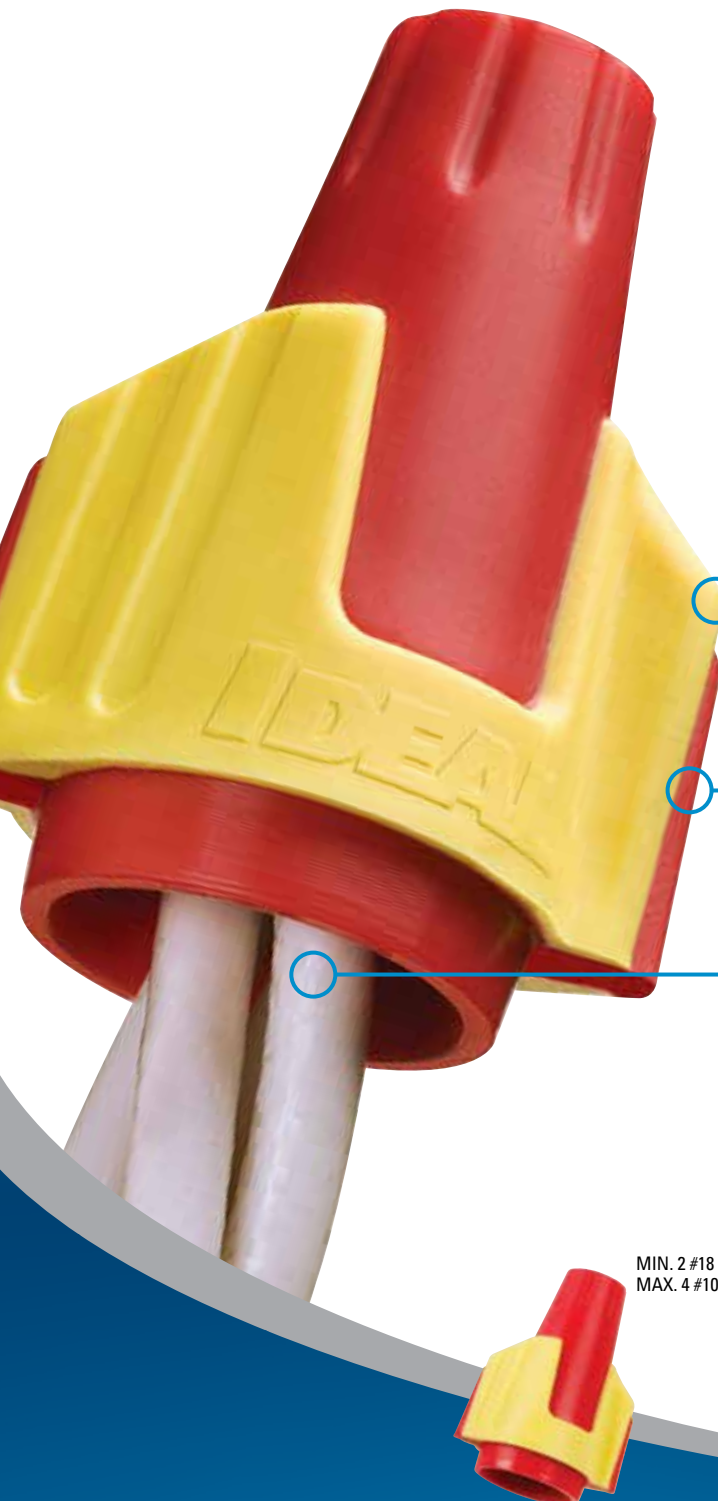
IDEAL

Wire 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 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
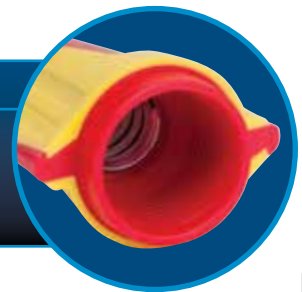
Better grip and more leverage for faster connections

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

MAX. 4 #10s

Twister® PRO

MIN. 2 #18
MAX. 4 #10

FAST FACT:

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

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

UL LISTED
Wire Connector
774A

Cu/Cu
Only

CSA®
LR9706

Twister® PRO
WIRE CONNECTORS

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

*1,000 Volts signs and fixtures

The #1 connector for residential jobs

The Twister® 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 polypropylene shell expands for progressive tightening, a feature that ensures dependable connections

Swept-wing design for improved comfort
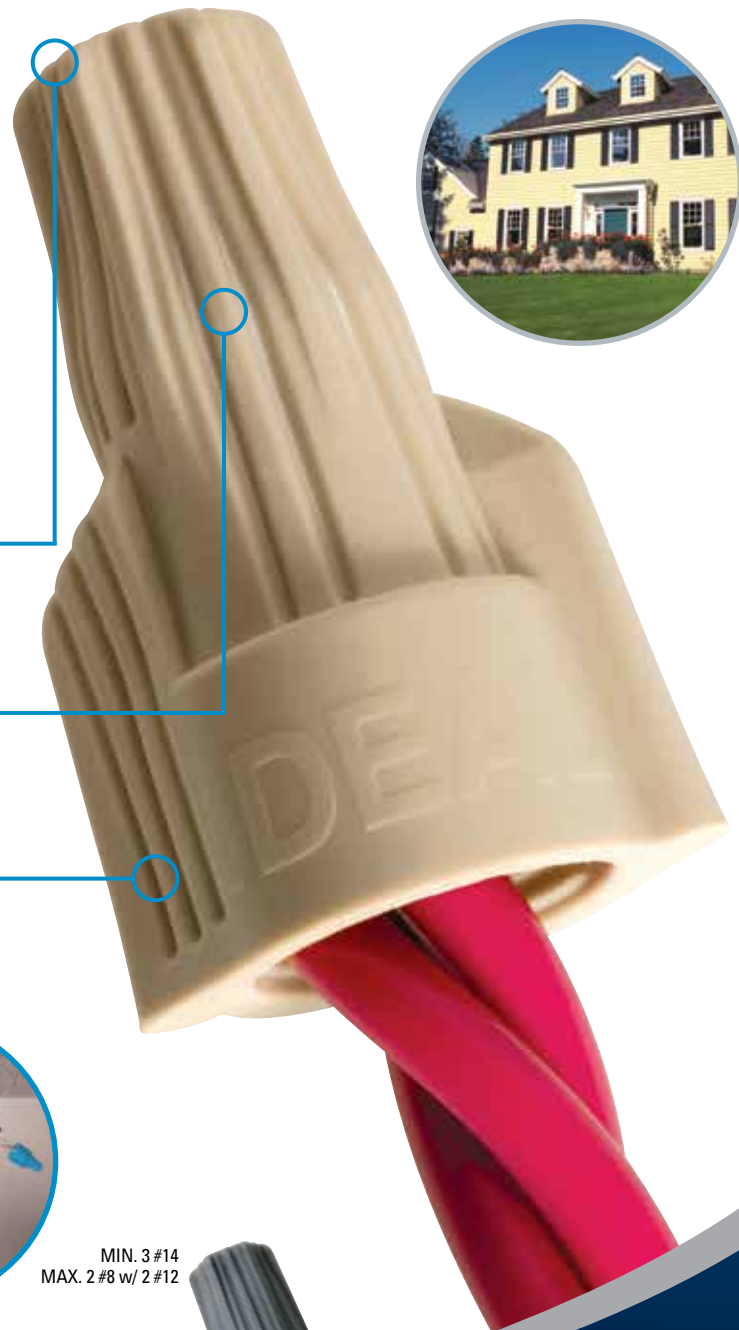
Twister®

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

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

UL LISTED
Wire Connector
774A

Cu/Cu
Only

CSA
LR9706

Twister® Wire Connector:

	Wire Combinations:	2 #22	3 #22	3 #14		3 #12	3 #10	2 #8 w/ 2 #12
340® Light Blue	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

600 Volts Max.*

*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, this is the all-around twist-on you can count on.
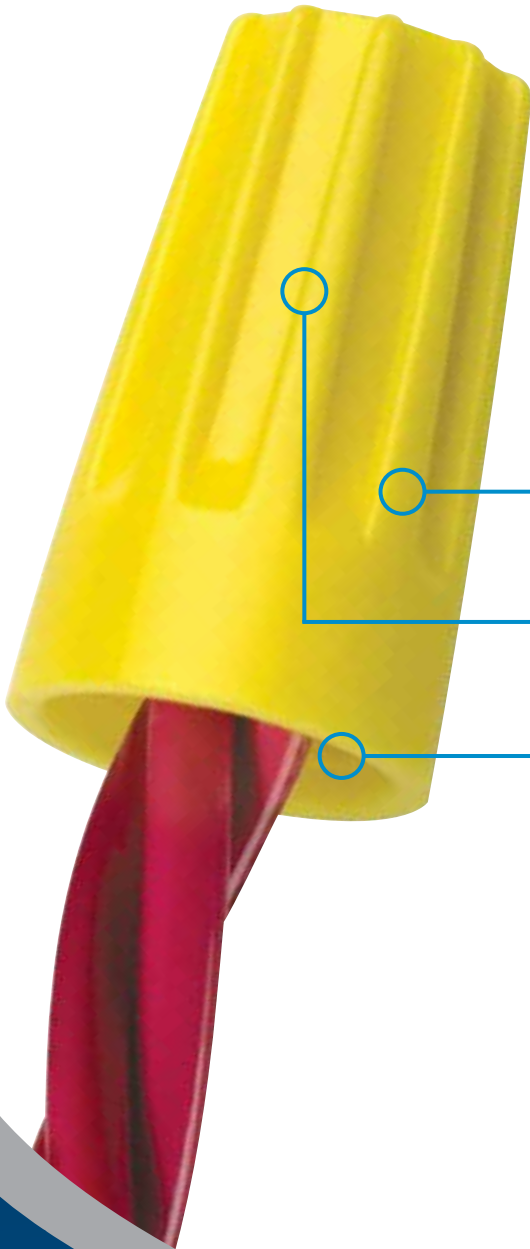
Positive-grip shell design

Square-wire fixed spring design creates its own threads for a grip that will last
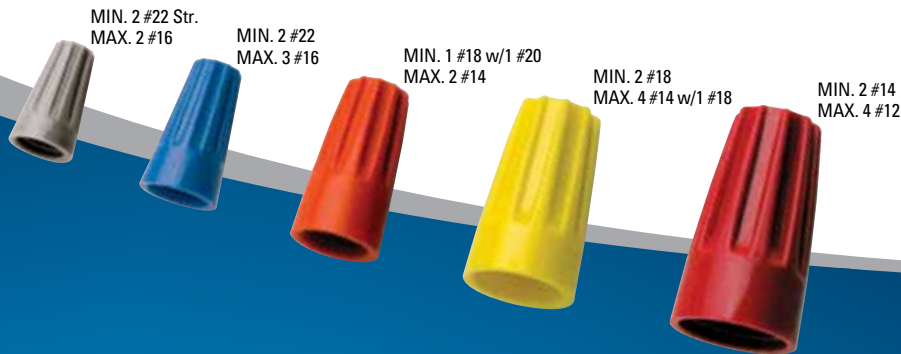
Deep, wide skirt protects against arcing and flash-over

Wire-Nut®

FAST FACT:

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

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

MIN. 2 #22
MAX. 3 #16

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

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

MIN. 2 #14
MAX. 4 #12

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

UL LISTED
Wire Connector
774A

Cu/Cu
Only

CSA
LR9706

Wire-Nut®
WIRE CONNECTORS

| WireNut® Wire Connector:		2 #22	2 #20	2 #18	2 #14	3 #12	4 #12	600 Volts Max.*
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	
Wire Combinations:		2 #22	2 #20	2 #18	2 #14	3 #12	4 #12	

*1,000 Volts signs and fixtures

4

Extra leverage for maximum torque

The Wing-Nut® 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.

Tough thermoplastic shell rated at 105 °C (221 °F)

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

Contoured wing profile brings more power to every twist
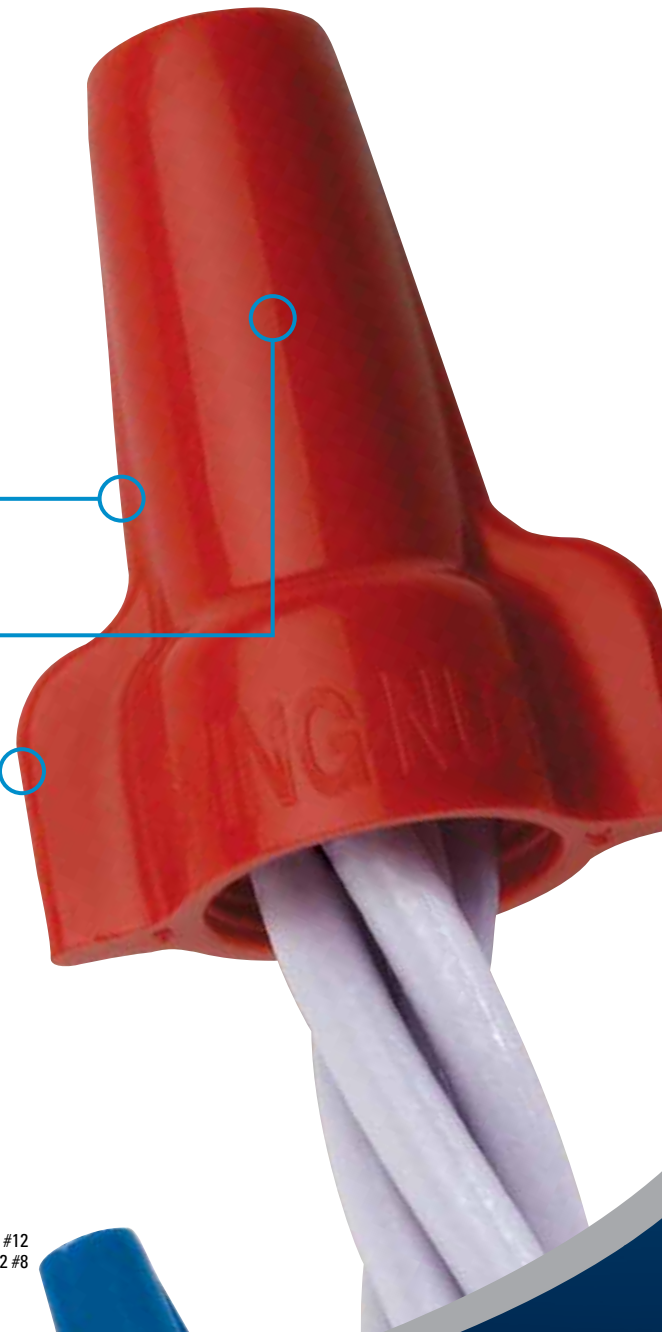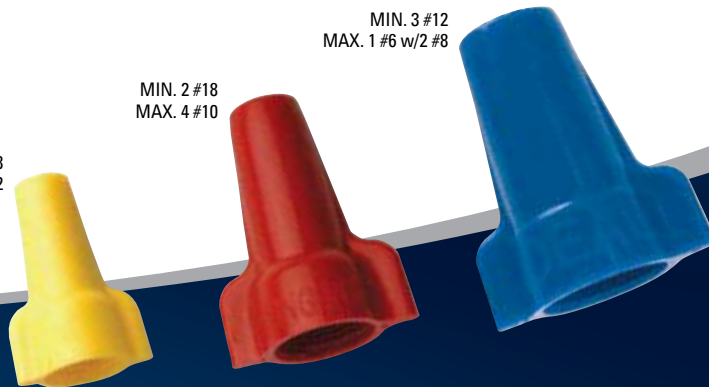
Wing-Nut®

FAST FACT:

The red Wing-Nut® will accommodate up to 4 #10 wires.

MAX. 4 #10s

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

MIN. 2 #18
MAX. 4 #10

MIN. 2 #18
MAX. 3 #12

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

UL LISTED
Wire Connector
774A

Cu/Cu
Only

LR9706

WingNut® Wire Connector:								600 Volts Max.*
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	

*1,000 Volts signs and fixtures

CONSTRUCTION PRODUCTS
BUCHANAN

Low profile design gets you into tight spaces

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

Comfortable, "Classic Fin™" design provides a secure grip for extra leverage

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

The B2 "Universal Connector" easily handles two #18, up to five #12; will even dead-end a single #14

B⊂AP®

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

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

UL LISTED
Wire Connector
774A

Cu/Cu
Only

CSA®
LR9706

B-CAP® WIRE CONNECTORS

B-CAP® Wire Connector:

600 Volts Max.*

B1 Yellow	MIN. 3 #20			MAX. 3 #12			
B2 Red		MIN. 2 #18			MAX. 5 #12		
B4 Blue			MIN. 2 #12			MAX. 2 #6	
Wire Combinations:	3 #20	2 #18	2 #12	3 #12	5 #12	2 #6	

*1,000 Volts signs and fixtures

The All-in-One connector

The B-Twist™ combines all the features of red and yellow wire connectors in one unique design. The rounded "dial-top" provides fast, fingertip 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.

CONSTRUCTION PRODUCTS
BUCHANAN

Vertical ribs improve grip

Long swept-wings improve comfort and torque

Deep skirt helps protect over-stripped wires

B-TWIST™
WIRE CONNECTORS

FAST FACT:

The B-Twist™ handles the entire range of a red and yellow connector

MIN. 2 #18
MAX. 2 #8

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

UL
LISTED
Wire Connector
774A

Cu/Cu
Only

CSA®
LR9706

**B-Twist™
WIRE CONNECTORS**

B-Twist™ Wire Connector:						600 Volts Max.*
BT2™ Red	MIN. 2 #18					MAX. 2 #8
Wire Combinations:	2 #18	2 #14	3 #12	3 #10	5 #12	2 #8

*1,000 Volts signs and fixtures

Great combination of performance and value

The contoured wing design of the WingTwist™ connector provides maximum torque for a variety of electrical applications.
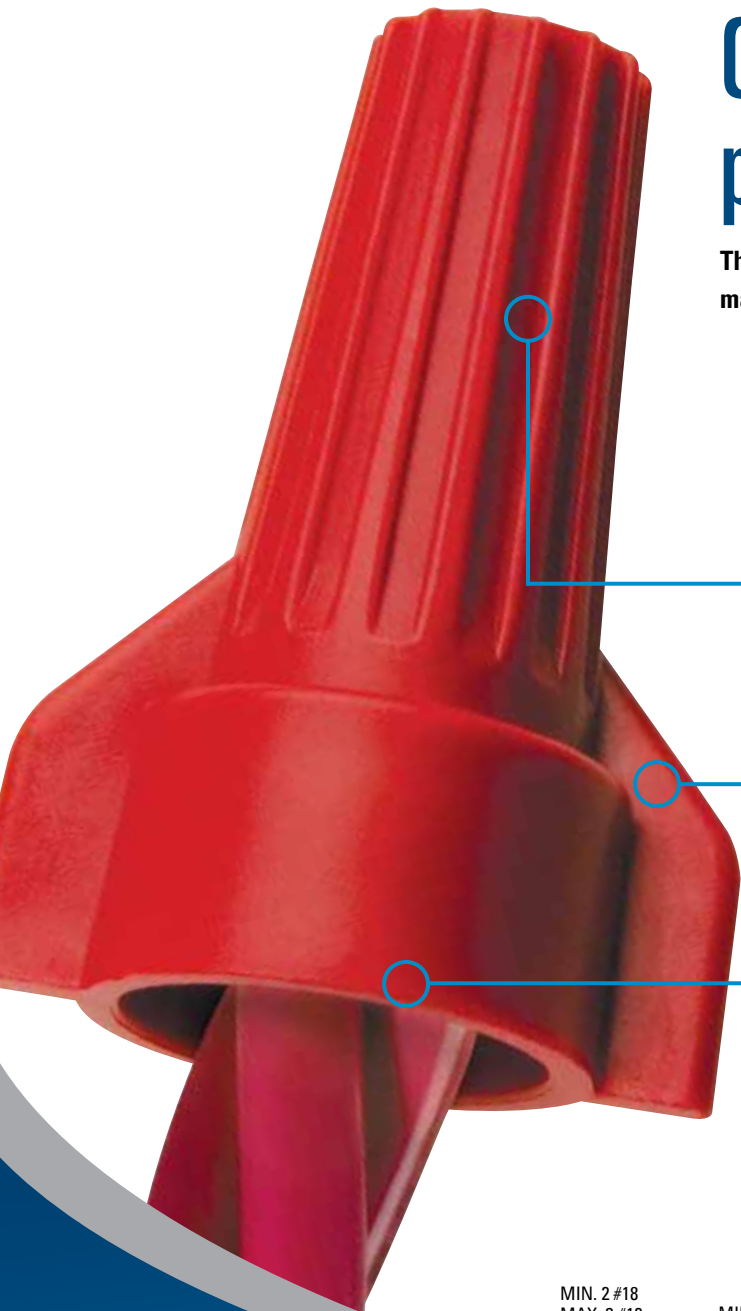
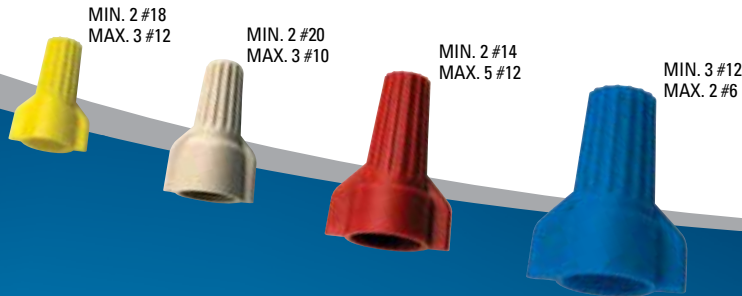**Ribs expand for progressive tightening**

Contoured wing design improves leverage

Wide deep skirt opening accommodates a variety of wire combinations

Wing-Twist™

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

UL LISTED
Wire Connector 774A

Cu/Cu Only

CSA LR9706

600 Volts Max.*

WingTwist™ Wire Connector:

			MIN. 2 #18		MAX. 3 #12					
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

*1,000 Volts signs and fixtures

Exceptional value at every turn

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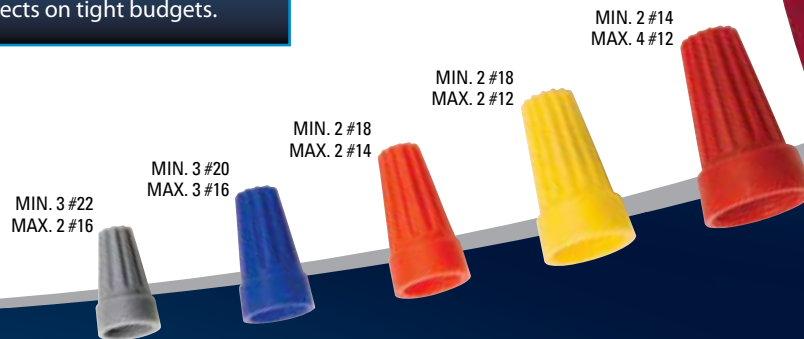
Positive grip shell design

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

MIN. 2 #18
MAX. 2 #14

MIN. 3 #20
MAX. 3 #16

MIN. 3 #22
MAX. 2 #16

UL LISTED
Wire Connector
774A

Cu/Cu
Only

CSA®
LR9706

WireTwist™ Wire Connector:						600 Volts Max.*	
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. 2 #18			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

Connected and protected

Designed specifically for above grade, interior/ exterior connections exposed to damp/wet and corrosive environments. WeatherProof® 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 built for comfort and efficiency

UL Listed to 486D for use in damp or wet above-grade locations

WeatherProof®

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. 2 #18
MAX. 3 #10

MIN. 3 #14
MAX. 5 #10

61® Gray/ Orange

62® Gray/Red

63® Gray/Dark Blue

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

WeatherProof®

WIRE CONNECTORS

LISTED
Wire Connector
System 5N35

Cu/Cu Only

LR9706

WeatherProof® Wire Connector:									600 Volts Max.*
61® Gray/Orange	MIN. 2 #20		MAX. 2 #14						
62® Gray/Red		MIN. 2 #18				MAX. 3 #10			
63® Gray/Dark Blue			MIN. 3 #14					MAX. 5 #10	
Wire Combinations:	2 #20	2 #18	2 #14	3 #14	3 #12	3 #10	5 #12	5 #10	

*1,000 Volts signs and fixtures

The connector made specifically for harsh underground environments

The UnderGround® connectors are designed to secure and protect wire 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.

mud bug®
UTILITY WIRE CONNECTORS

Perfect for ultility tracer line applications.

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

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

MIN. 2 #18
MAX. 3 #10

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

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

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

60® Yellow

64® Yellow

60® Gray/Blue

64® Gray/Dark Blue

66® Gray/Dark Blue

UL LISTED
Wire Connector
System 5N35

Cu/Cu
Only

CSA® LR9706

UnderGround ®
WIRE CONNECTORS

UnderGround®/MudBug® Wire Connector:		2 #20	2 #18	2 #16	2 #14	3 #12	3 #10	5 #10	600 Volts Max.*
60® Gray/Blue	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
60® Yellow	MIN. 1 #20 w/ 1 #18						MAX. 1 #10 w/ 2 #12		
64® Yellow		MIN. 2 #18 Sol.						MAX. 3 #10	
Wire Combinations:		2 #20	2 #18	2 #16	2 #14	3 #12	3 #10	5 #10	

*1,000 Volts signs and fixtures

The only twist-on for aluminum to copper connections

The Twister® Al/Cu 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

Twister® Al/Cu

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.

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

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

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. Contact IDEAL for complete wire combination listing.

UL LISTED Wire Connector 774A Cu/Cu Only LR9706

Twister® Al/Cu
WIRE CONNECTORS

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)]
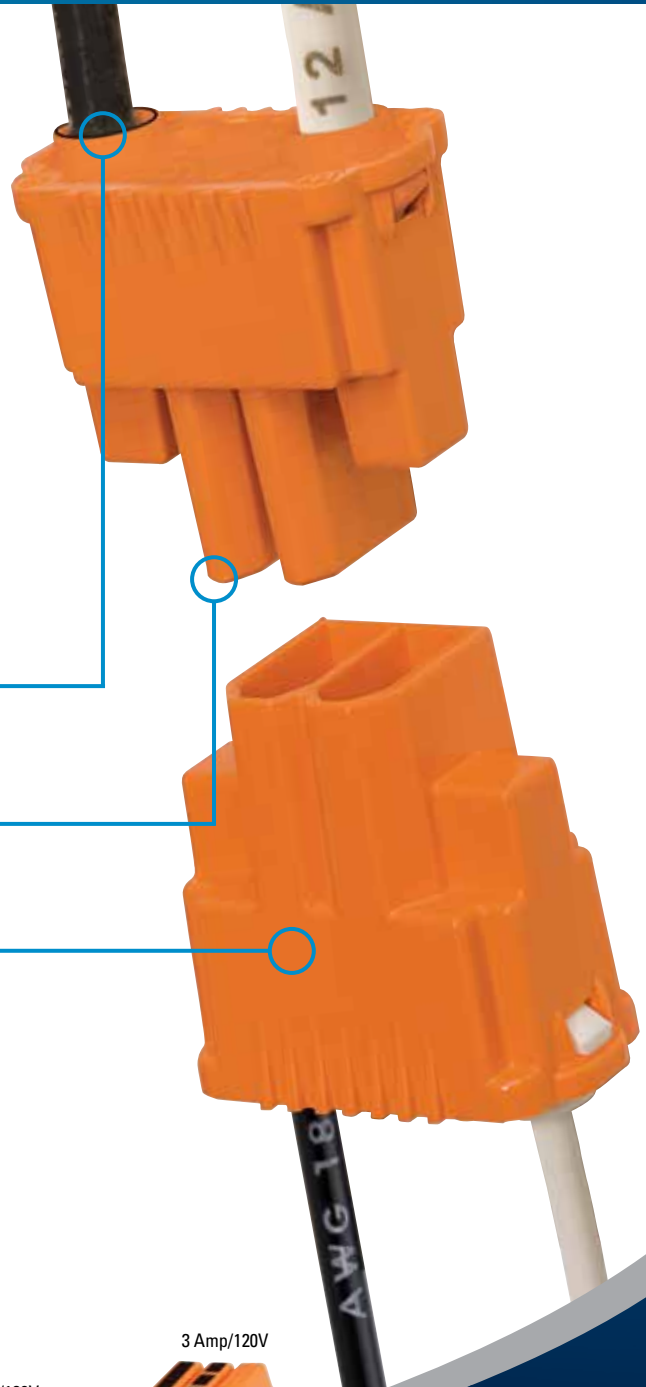
Patented IDEAL push-in technology quickly locks wires in place
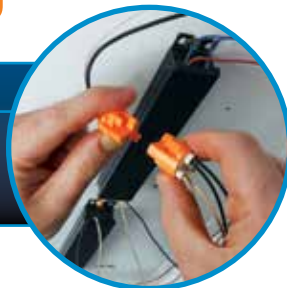
Both halves are "touch-safe" per UL 2459

Fits through 1/2" knockout

powerplug®

Luminaire Disconnect

FAST FACT:

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

6 Amp/600V
102
2-Pole

6 Amp/600V
103
3-Pole

3 Amp/120V
182
2-Pole

3 Amp/120V
183
3-Pole

PowerPlug® 102: 6 Amps/600 Volts Max.

| 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

PowerPlug®
LUMINAIRE DISCONNECT

13

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.
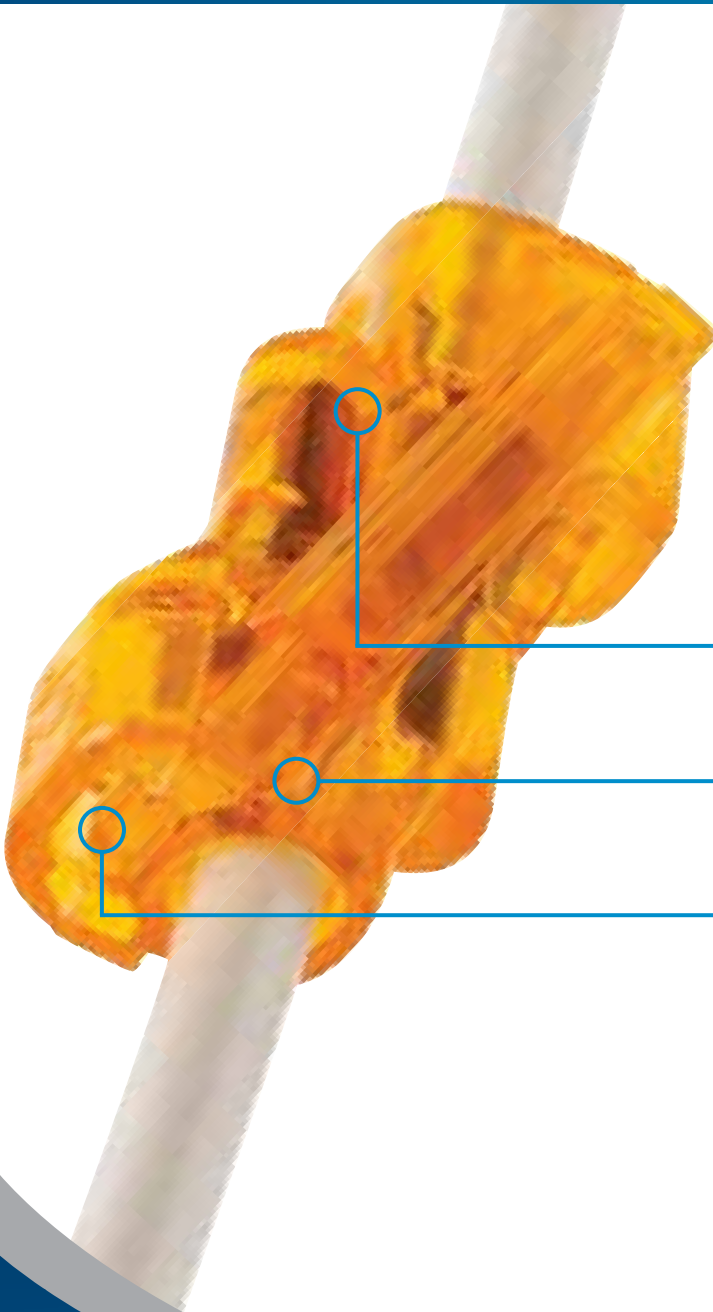
Transparent polycarbonate shell allows for visual inspection of connection

Slim design fits through 1/2″ knockout

Check port for continuity testing

SpliceLine™
IN-LINE WIRE CONNECTORS

FAST FACT:

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

Made in U.S.A.

42
2-Port

UL LISTED
Wire Connector
774A

Cu/Cu
Only

CSA®
LR9706

SpiceLine™ Model 42:   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 equivalent.

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.

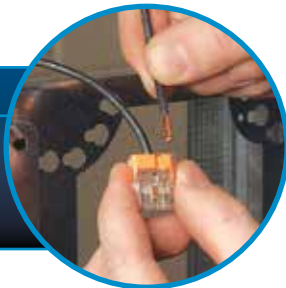**Clear shell allows visual inspection of the connection**

No-twist push-in design reduces repetitive motion fatigue

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

In-Sure™

FAST FACT:

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

Made in U.S.A.

#14 – #10

#20 – #12

#20 – #12

#20 – #12

#20 – #12

39
3-Port

32
2-Port

33
3-Port

34
4-Port

ACCEPTS #10 AWG

UL LISTED
Wire Connector
774A

Cu/Cu
Only

LR9706

In-Sure™ Push-In

WIRE CONNECTORS

In-Sure™ Models 32, 33, 34:	600 Volts Max.
Solid	#20 – #12 solid
Stranded	#16 – #12 (19 strand or less) #18 (7 strand)
Stranded Tin-Bonded	#18 – #14 (19 strand or

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

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 pigtailing.

Heavy-duty fork terminals attach easily to grounding screw

Ultra-flexible lead wires tuck easily into box

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

Ensures compliance with NEC standards

MIN. 2 #14
MAX. 3 #12 w/1 #14

MIN. 2 #14
MAX. 5 #12

MIN. 2 #14
MAX. 5 #12

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

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

UL LISTED
Ground Connector 951L

Cu/Cu Only

CSA LR9706

Grounding
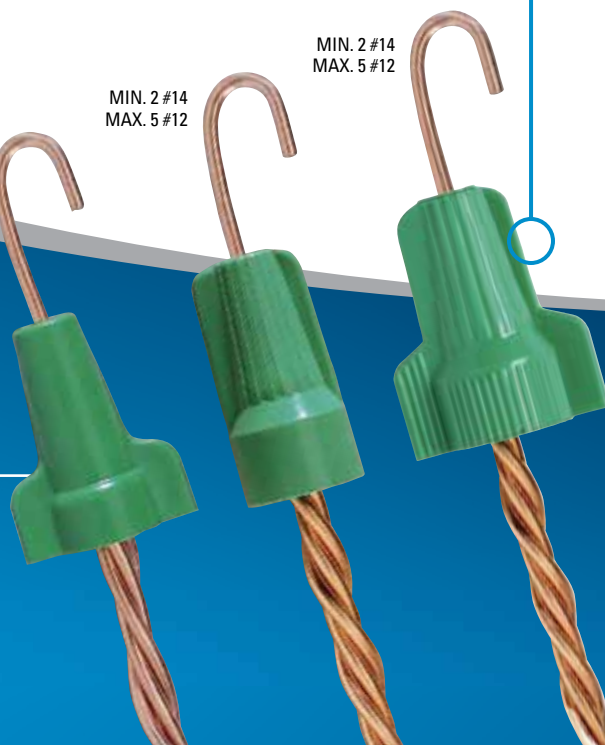
Application Guide

Table 1

Model	RESIDENTIAL									COMMERCIAL								
	Light Switches	Receptacles	Ceiling Fans	Can Lights	Thermostat Controls	HVAC	Smoke/CO2 Detectors	Garage Door Opener	Door Bells	Multi-Gang Switch Boxes	Security Systems	Intercoms	Recessed Lighting	Controls	Illuminated Signage	Receptacles	3-Phase Motors	HVAC
Twister®																		
340® Lt. Blue			●	●			●		●	●	●	●						
341® Tan	●	●				●	●	●		●		●	●					●
344® Red/Yellow	●	●					●	●		●	●		●	●	●	●	●	●
342® Gray										●			●	●			●	●
Wire-Nut®																		
71B® Gray				●						●	●							
72B® Blue				●	●			●		●	●							
73B® Orange			●	●			●			●	●	●						
74B® Yellow	●		●	●			●						●	●				
76B® Red	●	●					●	●		●			●	●	●	●	●	●
Wing-Nut®																		
451® Yellow	●	●	●	●			●	●				●						
452® Red	●	●				●		●		●			●	●	●	●	●	
454® Blue										●			●	●		●	●	
B-CAP®																		
B1 Yellow	●		●	●			●	●		●	●	●						
B2 Red	●	●				●		●		●			●	●	●	●	●	
B4 Blue										●			●	●		●	●	
B-Twist™																		
BT2™ Red	●	●					●	●		●			●	●	●	●	●	
WingTwist™																		
WT51 Yellow	●		●	●			●	●		●	●	●						
WT41 Tan	●	●				●	●	●		●		●	●					●
WT52 Red	●	●					●	●		●			●	●	●	●	●	
WT54 Blue										●			●	●		●	●	●
WireTwist™																		
WT1 Gray				●						●	●							
WT2 Blue				●	●			●		●	●							
WT3 Orange			●	●			●	●		●	●	●						
WT4 Yellow	●		●	●			●	●					●	●				
WT6 Red	●	●					●	●		●			●	●	●	●	●	●

Table 2

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

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Ordering Guide

Twister® Wire Connectors

Model	Quantity	Cat. No.
340® Lt. Blue	Box of 100	**30-340**
	Jar of 500	**30-640J**
	Barrel of 35,000	**30-840**
341® Tan	Box of 100	**30-341**
	Jar of 400	**30-441J**
	Jar of 750	**30-341J**
	Keg of 5,000 (10 bags, 500 ea.)	**30-641**
	Barrel of 25,000	**30-841**
342® Gray	Box of 50	**30-342**
	Keg of 2,500 (10 bags, 250 ea.)	**30-642**
344® Red/Yellow	Box of 50	**30-144**
	Jar of 250	**30-244J**
	Jar of 500	**30-644J**
	Barrel of 20,000	**30-944**

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**

Wire-Nut® Wire Connectors

Model	Quantity	Cat. No.
71B® Gray	Box of 100	**30-071**
	Keg of 25,000 (loose pack)	**30-271**
	Barrel of 150,000	**30-871**
72B® Blue	Box of 100	**30-072**
	Keg of 10,000 (loose pack)	**30-272**
	Barrel of 85,000	**30-872**
73B® Orange	Box of 100	**30-073**
	Jar of 300	**30-073J**
	Keg of 5,000 (10 bags, 500 ea.)	**30-273**
	Barrel of 50,000	**30-873**
74B® Yellow	Box of 100	**30-074**
	Jar of 175	**30-074J**
	Keg of 5,000 (10 bags, 500 ea.)	**30-274**
	Barrel of 35,000	**30-874**
76B® Red	Box of 100	**30-076**
	Keg of 2,500 (10 bags, 250 ea.)	**30-276**
	Barrel of 15,000	**30-876**

Wing-Nut® Wire Connectors

Model	Quantity	Cat. No.
451® Yellow	Box of 100	**30-451**
	Jar of 225	**30-451J**
	Jar of 500	**30-651J**
	Keg of 5,000 (10 bags, 500 ea.)	**30-651**
	Barrel of 35,000	**30-851**
452® Red	Box of 100	**30-452**
	Jar of 300	**30-452J**
	Jar of 500	**30-652J**
	Keg of 5,000 (10 bags, 500 ea.)	**30-652**
	Barrel of 25,000	**30-852**
454® Blue	Box of 25	**30-454**
	Keg of 1,000 (10 bags, 100 ea.)	**30-654**

B-CAP® Wire Connectors

Model	Quantity	Cat. No.
B1 Yellow	Box of 100	**B1-1**
	Jar of 250	**B1-250JR**
	Jar of 500	**B1-500JR**
	Keg of 5,000 (10 bags, 500 ea.)	**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**
	Keg of 5,000 (10 bags, 500 ea.)	**B2-B**
	Barrel of 25,000	**B2-SK**
B4 Blue	Box of 25	**B4-1**
	Keg of 2,500 (10 bags, 250 ea.)	**B4-B**

B-Twist™ Wire Connectors

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

WingTwist™ Wire Connectors

Model	Quantity	Cat. No.
WT51 Yellow	Box of 100	**WT51-1**
	Bag of 500	**WT51-B**
	Jar of 500	**WT51-500JR**
	Barrel of 25,000	**WT51-SK**
WT41 Tan	Box of 100	**WT41-1**
	Bag of 500	**WT41-B**
	Jar of 500	**WT41-500JR**
	Barrel of 25,000	**WT41-SK**
WT52 Red	Box of 100	**WT52-1**
	Bag of 500	**WT52-B**
	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**
	Keg of 10,000 (20 bags, 500 ea.)	**WT1-B**
	Keg of 50,000	**WT1-SK**
WT2 Blue	Box of 100	**WT2-1**
	Keg of 10,000 (20 bags, 500 ea.)	**WT2-B**
	Keg of 50,000	**WT2-SK**
WT3 Orange	Box of 100	**WT3-1**
	Keg of 10,000 (20 bags, 500 ea.)	**WT3-B**
	Barrel of 50,000	**WT3-SK**
WT4 Yellow	Box of 100	**WT4-1**
	Keg of 10,000 (20 bags, 500 ea.)	**WT4-B**
	Barrel of 25,000	**WT4-SK**
WT6 Red	Box of 100	**WT6-1**
	Keg of 5,000 (20 bags, 250 ea.)	**WT6-B**
	Barrel of 25,000	**WT6-SK**

**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	30-6162
61® Gray/Orange	Card of 25	30-1161
	Jar of 150	30-1261J
	Box of 1,000	30-1361
62® Gray/Red	Card of 20	30-1162
	Jar of 100	30-1262J
	Box of 1,000	30-1362
63® Gray/Dk. Blue	Card of 15	30-1163
	Jar of 50	30-1263J
	Box of 1,000	30-363

UnderGround® Wire Connectors

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

MudBug® Utility Wire Connectors

Model	Quantity	Cat. No.
60® Yellow	Box of 25	30-160Y
	Box of 1,000	30-360Y
64® Yellow	Box of 25	30-164Y
	Box of 1,000	30-364Y

PowerPlug® Luminaire Disconnects

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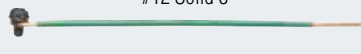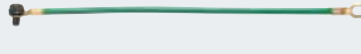
SpliceLine™ Wire Connectors

Model	Quantity	Cat. No.
42 Orange	Card of 10	30-1742
	Box of 100	30-1042
	Jar of 300	30-1042J
	Box of 2,500	30-1642

In-Sure™ Push-In Wire Connectors

Model	Ports	Quantity	Cat. No.
32 Red	2	Box of 100	30-1032
		Jar of 300	30-1032J
		Box of 5,000	30-1632
33 Orange	3	Box of 100	30-1033
		Jar of 250	30-1033J
		Box of 5,000	30-1633
34 Yellow	4	Box of 100	30-1034
		Jar of 200	30-1034J
		Box of 5,000	30-1634
39 Blue (#14–#10)	3	Box of 50	30-1039
		Jar of 150	30-1039J
		Box of 2,500	30-1639

Grounding Products

Model	Quantity	Cat. No.
#14 Solid 8"	Box of 50	30-3390
#12 Solid 8"	Box of 50	30-3392
	Box of 100	30-3399
	Box of 1,000	30-3496
#14 Stranded 7-3/4"	Bag of 25	30-3183
#12 Stranded 7-3/4"	Bag of 25	30-3184
	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.
92® Greenie®	Box of 100	30-092
	Jar of 150	30-092J
	Bag of 500	30-292
	Box of 1,000	30-192
BGR Green-B®	Box of 50	BGR-1
	Keg of 2,500 (10 bags, 250 ea.)	BGR-B
WGR Green	Box of 50	WGR-1
	Jar of 500	WGR-500JR
	Keg of 5,000 (20 bags, 250 ea.)	WGR-B
Model	Quantity	Cat. No.
Ground Screw	Pack of 50	30-3194
	Jar of 100	30-3594

Model
60®/64®
60® Gray/Gray
64® Gray/Dk. Bl
66® Gray/Dk. Blue

Wire Range Chart

Model:	Wire Combinations:																
Twister®	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
340® Lt. Blue	MIN. 2 #22											MAX. 3 #12					
341® Tan		MIN. 3 #22												MAX. 3 #10			
344® Red/Yellow					MIN. 2 #18											MAX. 4 #10	
342® Gray									MIN. 3 #14							MAX. 2 #8 w/ 2 #12	
Wire-Nut®																	
71B® Gray (300V)	MIN. 2 #22 Str.				MAX. 2 #16												
72B® Blue (300V)	MIN. 2 #22						MAX. 3 #16										
73B® Orange		MIN. 1 #18 w/ 1 #20						MAX. 2 #14									
74B® Yellow					MIN. 2 #18					MAX. 4 #14 w/1 #18							
76B® Red								MIN. 2 #14				MAX. 4 #12					
Wing-Nut®																	
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	
B-CAP®																	
B1 Yellow				MIN. 3 #20								MAX. 3 #12					
B2 Red					MIN. 2 #18										MAX. 5 #12		
B4 Blue										MIN. 2 #12							MAX. 2 #6
B-Twist™																	
BT2™ Red					MIN. 2 #18											MAX. 2 #8	
WingTwist™																	
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	
WireTwist™																	
WT1 Gray (300V)		MIN. 3 #22			MAX. 2 #16												
WT2 Blue (300V)				MIN. 3 #20			MAX. 3 #16										
WT3 Orange					MIN. 2 #18		MAX. 2 #14										
WT4 Yellow					MIN. 2 #18			MAX. 2 #12									
WT6 Red								MIN. 2 #14				MAX. 4 #12					
WeatherProof®																	
61® Gray/Orange			MIN. 2 #20				MAX. 2 #14										
62® Gray/Red					MIN. 2 #18									MAX. 3 #10			
63® Gray/Dark Blue									MIN. 3 #14							MAX. 5 #10	
UnderGround®/MudBug®																	
60® Gray/Blue		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	
60® Yellow		MIN. 1 #20 w/ 1 #18										MAX. 1 #10 w/ 2 #12					
64® Yellow					MIN. 2 #18 Sol.									MAX. 3 #10			
	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

Wire Connectors

For complete sales office contact information, visit us at:

www.idealindustries.com