

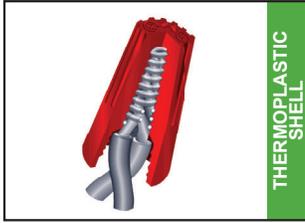


FOR INDUSTRY PROFESSIONALS



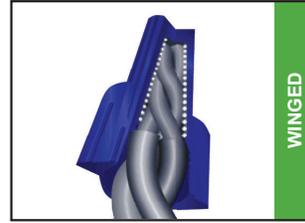
WIRE CONNECTORS

Features and Benefits



TERMOPLASTIC SHELL

Wire connectors are designed with a flame retardant thermoplastic shell to provide excellent electrical insulation.



WINGED

Winged wire connectors feature the popular half-wing. The wings act as a built-in wrench, providing maximum torque. Their narrow design makes it easy for twisting and working in tight spaces.



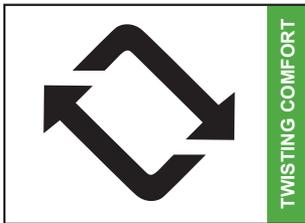
SECURITY

Fixed, precise square wire spring provides a secure grip on conductors. Deep-skirt entry provides protection from flashover and shorts.



KIT ADVANTAGES

Wire connector kits are optimized for quality, reliability, and affordability in one package. The durable reusable plastic case keeps everything organized.



TWISTING COMFORT

Sure-grip ribs improve gripping ability and comfort

	TRADEPRO	COLOR	AWG	MAX VOLTS	PACKAGING	PACK QTY	CARTON QTY	UOM
STANDARD	TP-WNR	Red	22-10	600	Jar	50	20	Jar
	TP-WNY	Yellow	22-10	600	Jar	100	20	Jar
	TP-WNO	Orange	22-14	600	Jar	100	20	Jar
	TP-WNB	Blue	22-14	300	Jar	100	20	Jar
	TP-WNG	Gray	22-14	300	Jar	100	20	Jar
WINGED	TP-WWNB	Blue	14-6	600	Jar	25	20	Jar
ASSORTMENT KIT	TRADEPRO	BREAKDOWN				PACK QTY	CARTON QTY	UOM
	TP-TWISTONKIT	100 pcs Standard Gray Wire Connectors 100 pcs Standard Blue Wire Connectors 90 pcs Standard Orange Wire Connectors 60 pcs Standard Yellow Wire Connectors 50 pcs Standard Red Wire Connectors 50 pcs UV Black & Natural Cable Ties				450	10	Kit



All Wire Connectors listed are

Wire Connector
81UO E245479

STANDARD YELLOW WIRE CONNECTORS

Max. 2#12 w/2#14 • Min. 3#20 Sol

600V MAX.	2 #12	2 #14 w/1 #16	1 #16 w/1 #18 w/2 to 4#22	1 #18 w/2 #20 w/3 #22
	1 #12 w/1 to 2 #16 or #18	2 #14 w/1 #16 w/1 #18	1 #16 w/2 #20 w/2 #22	1 #18 w/3 or 4 #20 or #22
	1 #12 w/3 or 4 #18	2 #14 w/1 #16 w/1 or 2 #20	2 #16 w/1 to 3 #18, #20 or #22	2 #18 w/1 #20 w/3 #22
	2 #12 w/1 #18	2 #14 Str w/1 #16 Str w/3 #22 Str	2 #16 w/1 #18 w/1 or 2 #20 or #22	2 #18 w/3 #20 or #22
	2 or 3 #14	2 #14 Str w/1 #16 Sol w/3 #22 Str	3 #16 w/1 or 2 #18, #20 or #22	3 #22 Sol
	1 #14 w/1 to 3 #16	2 #14 w/1 to 3 #18 or #20	3 #16 w/1 #18 w/1 #20 or #22	2 #20 Sol w/1 #20 Str
	1 #14 w/1 to 4 #18 or #20	2 to 5 #16	4 #16 w/1 #18	2 #20 Str w/1 #20 Sol
	1 #14 w/1 #16 w/1 to 3 #20	1 #16 w/1 to 4 #18, #20 or #22	4 #16 w/1 or 2 #20 or #22	4 to 6 #20
	1 #14 w/1 #18 w/1 to 3 #20	1 #16 w/1 #18 w/2 or 3 #20	3 to 7 #18	

300V MAX.	1 #8	1 #10 w/1 or 2 #14, #16 or #18	2 #12 w/1 or 2 #14 or #16	3 #14 w/1 or 2 #16
	1 #10	1 #10 w/3 or 4 #16 or #18	2 #12 w/1 #14 w/1 #16 or #18	3 #14 w/1 #16 w/1 #18, #20 or #22
	1 #10 w/1 #12	1 #10 w/1 #16 w/1 or 2 #18	2 #12 w/1 #16 w/1 or 2 #18	3 #14 w/1 or 2 #18 or #22
	1 #10 w/1 #12 w/1 #14 or #16	1 or 3 #12	2 #12 w/2 #18	3 #14 w/1 #18, #20 or #22
	1 #10 w/1 #12 w/1 or 2 #18	1 #12 w/1 to 3 #14	1 or 4 #14	4 #14 w/1 #16 or #18
	1 #10 w/1 #14 w/2 #16	1 #12 w/1 #14 w/3 #16	1 #14 w/4 #16	4 #16 w/2 #18
	1 #10 w/1 #14 w/1 to 3 #18	1 #12 w/2 #14 w/2 #16	2 #14 w/2 or 3 #16	
	1 #10 w/2 #14 w/1 #16	1 #12 w/3 or 4 #16	2 #14 w/1 #16 w/2 #18	

Strip wires 3/8" (9.5mm). For #16 and smaller wires, strip 7/16" (11.1mm).

STANDARD ORANGE WIRE CONNECTORS

Max. 4#16 w/1#20 • Min. 1#18 w/1#20

600V MAX.	1 #14 w/1 #16	1 #16 w/1 or 2 #18	2 #16 w/1 to 3 #22
	1 #14 w/1 #16 w/1 #18	1 #16 w/1 #18 w/1 #22	2 to 4 #18
	1 #14 w/1 or 2 #18	1 #16 w/1 to 3 #20 or #22	1 #18 w/2 to 4 #20
	1 #14 w/1 to 3 #20	1 or 2 #16 w/1 #20 w/1 #22	1 #18 w/3 or 4 #22
	1 #14 w/1 to 3 #22	2 #16 w/1 #18	1 or 2 #18 w/1 #20 w/1 #22
	2 #16	2 #16 w/1 or 2 #20	2 #18 w/1 or 2 #20 or #22

300V MAX.	1 or 2 #14	2 #16 w/2 or 3 #18	3 #18 w/2 #20 or #22	5 #22 Str
	1 #14 w/1 #16 w/1 #18	2 #16 w/3 #20	2 #18 w/3 #22	3 #22 Sol w/2 #22 Str
	1 #14 w/2 #16	3 #16 w/1 #18	3 to 5 #20	
	1 #14 w/3 #18	3 #16 w/1 or 2 #20 or #22	1 #20 w/4 #22	
	1 #14 w/4 #20	4 #16 w/1 #20 or #22	2 #20 w/2 or 3 #22	
	2 #14 w/1 #18	5 #18	3 #20 w/1 or 2 #22	
	2 #14 w/1 to 3 #20 or #22	1 #18 w/1 #20	4 #20 w/1 #22	
	3 or 4 #16	1 #18 w/5 #22	5 #22 Sol	
	1 #16 w/4 #18	4 #18 w/1 #20 or #22		

Strip wires 5/16" (7.9mm). For #16 and smaller wires, strip 3/8" (9.5mm).

Temperature Rating: 105°C (221°F) Maximum. Voltage Rating 600 Volts Maximum building wires, (*300 Volts) 1000 Volts Maximum in signs and lighting fixtures (luminaries). **FOR USE WITH COPPER TO COPPER**

STANDARD RED WIRE CONNECTORS

Max. 2#10 Sol w/2#12 Str • Min. 3#18

600V MAX.	2 #10 Sol	2 #10 Sol w/2 #12 Str	3 #12 w/2 or 3 #14
	2 to 4 #12	2 #10 w/1 or 2 #14	4 #12 w/1 #14, #16 or #18
	2 to 6 #14	1 #12 w/1 to 5 #14	2 #14 w/1 to 4 #16 or #18
	3 to 9 #18	1 #12 w/1 to 4 #16 or #18	3 #14 w/1 to 3 #16 or #18
	1 #10 Sol w/1 #10 Str	1 #12 w/1 #20	4 #14 w/1 or 2 #16
	1 #10 w/1 to 3 #12 or #14	2 #12 w/1 to 4 #14	4 #14 w/1 to 3 #18
	2 #10 w/1 to 3 #16 or #18	2 #12 w/1 to 3 #16 or #18	5 #14 w/1 #16 or #18
	2 #10 Sol w/2 #12 Sol	3 #12 w/1 or 2 #16 or #18	

300V MAX.	1 #10	1 #12 w/1 #16 w/1 to 4 #22	2 #14 w/1 #16 w/1 to 4 #20
	4 to 6 #16	1 #12 w/1 to 4 #20	2 #14 w/1 #16 w/1 to 4 #22
	1 #10 w/1 #12 w/3 or 4 #18	2 #12 w/1 #14 w/2 or 3 #16	3 #14 w/1 #16 w/1 to 3 #18
	1 #10 w/1 #14 w/4 #18	2 #12 w/2 #14 w/1 #16	1 #16 w/4 #18
	1 #10 w/1 #12 w/1 to 4 #20	2 #12 w/1 #16 w/4 #18	2 #16 w/3 or 4 #18
	1 #10 w/1 #12 w/1 or 4 #22	2 #12 w/6 #16	3 #16 w/1 or 2 #20 w/1 to 3 #22
	1 #10 w/1 or 2 #20 w/1 to 4 #22	3 #12 w/1 #14	4 #16 w/1 #18 or #20
	1 #12 w/2 #14 w/3 #16	3 #12 w/1 #16 w/1 #20	4, 5 or 6 #16 w/1 #22
	1 #12 w/1 #16 w/1 to 4 #20	1 #14 w/1 #18 w/4 #22	4 or 5 #16 w/2 #22

* STANDARD BLUE WIRE CONNECTORS

WCS-6 - Max. 3#16 • Min. 2#22

300V MAX.

1 #14	1 #16 w/1 #18 w/1 #20
1 to 3 #16	1 #16 w/1 to 4 #20 or #22
1 to 4 #18	1 #16 w/1 #22 w/1 #18 or #20
3 to 5 #20	2 #18 w/1 #18
2 #22	2 #18 w/1 or 2 #20
1 #14 w/1 #16	2 #16 w/1 #20 w/1 #22
1 #14 w/1 or 2 #18	2 #16 w/1 to 3 #22
1 #14 w/1 to 3 #20 or #22	
1 #16 w/1 to 3 #18	
1 #18 w/1 to 4 #20 or #22	
1 or 2 #18 w/1 #20 w/1 #22	
2 #18 w/1 to 3 #20 or #22	
3 #18 w/1 or 2 #20 or #22	
4 #18 w/1 #22	
3 #20 w/1 or 2 #22	
4 #20 w/1 #22	

Strip wires 3/8" (9.5mm). For #16 and smaller wires, strip 1/2" (12.7mm).

* STANDARD GRAY WIRE CONNECTORS

WCS-8 - Max. 1#16 w/1#18 w/1#20 • Min. 2#22

300V MAX.

1 #14	1 #16 w/1 #18 w/1 #22
1 to 2 #16	1 #18 w/1 to 3 #20
1 to 3 #18	1 #18 w/1 to 4 #22
2 to 4 #20	1 #18 w/1 #20 w/1 #22
2 to 4 #22	2 #18 w/1 #20 w/1 #22
1 #14 w/1 #20 or #22	2 #18 w/1 #20
1 #16 w/1 #18	2 #18 w/1 or 2 #22
1 #16 w/1 or 2 #20	1 #20 w/1 to 4 #22
1 #16 w/1 to 3 #22	2 #20 w/1 to 3 #22
1 #16 w/1 #18 w/1 #20	3 #20 w/1 or 2 #22

Strip solid wires 1/4" (6.4mm) Strip stranded wires 5/16" (7.9mm)

Temperature Rating: 105°C (221°F) Maximum. Voltage Rating 600 Volts Maximum building wires, (*300 Volts) 1000 Volts Maximum in signs and lighting fixtures (luminaries). **FOR USE WITH COPPER TO COPPER**

WINGED BLUE WIRE CONNECTORS

600V MAX.

4 #10	2 #10 w/3 #12
1 #10 w/3 #12	3 #10 w/1 #12
2 #10 w/1 #12	3 #10 w/2 #12
2 #10 w/2 #12	1 #8 w/3 #10

Operating Temperature: 105°C (221°F) Maximum. Voltage Rating 600 Volts Maximum building wires. 1000 Volts Maximum in signs and lighting fixtures (luminaries). **FOR USE WITH COPPER TO COPPER**

INSTALLATION INSTRUCTIONS

- Turn off power before installing or removing connectors. All electrical work should be done according to appropriate electrical codes.
- Strip wires 7/8" (22.2mm).
- Pre-twisting is unnecessary. Hold stripped wires together with ends even (lead stranded wires slightly).
- Screw on connector - push wires firmly into connector when starting.



FOR INDUSTRY PROFESSIONALS

WIRE CONNECTORS CROSS REFERENCE GUIDE

Why Sell TradePro Wire Connectors

Trade Pro Wire Connectors are UL listed and CSA certified. They are designed for safety and ease of use. The inner spring helps the wire connector stay on the wire securely.

Trade Pro Wire Connectors are ideal for both solid and stranded wire, as well as all wire gauge combinations. Available in both standard and wing styles. Assortment kits also available.

ASSORTMENT KIT	WINGED		STANDARD					
	COLOR	AWG	TRADEPRO	CAMBRIDGE	DIVERSITECH	IDEAL	GB	MARS
Assortment Kit	Red	22-10	TP-WNR	CJ-WCR	C247	76B	16-006	25864
	Yellow	22-10	TP-WNY	CJ-WCY	C245	74B	16-004	25863
	Orange	22-14	TP-WNO	CJ-WCO	C243	73B	16-003	25862
	Blue	22-14	TP-WNB	CJ-WCB	6292	72B	16-002	25861
	Gray	22-14	TP-WNG	CJ-WCG	6291	71B	16-001	25860
	Blue	14-6	TP-WWNB	CJ-WWCB	8282LX	454	13-089	25800
Assortment Kit			TP-TWIS-TONKIT					

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Reasonable effort has been made to assure the accuracy of cross-reference information. However, final evaluation for suitable replacement is left to the installer.