



# WC12996

**Works with the following wire combinations:**  
Funciona con las siguientes combinaciones de cables:

**CONTENTS / CONTENIDO: (WCS-2, WCS-3, WCS-4, WCS-6\*, WCS-8\*)**  
**Standard Wire Connectors**  
6 Red, 6 Yellow, 6 Orange, 4 Blue\*, 3 Gray\* Wire Connectors  
Conectores de cables 6 rojo, 6 amarillo, 6 anaranjado, 4 azul\*, 3 gris\*

YELLOW WIRE CONNECTORS / CONECTORES DE CABLES AMARILLO (WCS-4)		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 #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 #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 #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 or 3 #14	2 #14 Str w/1 #16 Sol w/3 #22 Str	3 #16 w/1 or 2 #18, #20 or #22	
	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	
	1 #14 w/1 to 4 #18 or #20	2 to 5 #16	4 #16 w/1 #18	
	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	
	1 #14 w/1 #18 w/1 to 3 #20	1 #16 w/1 #18 w/2 or 3 #20	3 to 7 #18	
	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
300V MAX.	1 #10	1 #10 w/3 or 4 #16 or #18	2 #12 w/1 #14 w/1 #16 or #18	
	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	
	1 #10 w/1 #12 w/1 #14 or #16	1 or 3 #12	2 #12 w/2 #18	3 #14 w/1 or 2 #18 or #22
	1 #10 w/1 #12 w/1 or 2 #18	1 or 3 #14	1 or 4 #14	3 #14 w/1 #18, #20 or #22
	1 #10 w/1 #14 w/2 #16	1 #12 w/1 #14 w/3 #16	1 #14 w/4 #16	4 #14 w/1 #16 or #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	4 #16 w/2 #18
	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). Pele los cables 3/8" (9.5mm). Para cables #16 y más pequeños pele 7/16" (11.1mm).			

*BLUE WIRE CONNECTORS / CONECTORES DE CABLES AZUL		WCS-6 - Max. 3#16 • Min. 2#22	
300V MAX.			
1 #14	1 #16 w/1 #18 w/1 #20	1 #18 w/1 to 3 #20	1 #18 w/1 to 4 #20 or #22
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
1 to 4 #18	1 #16 w/1 #18	3 to 5 #20	2 #16 w/1 #18
2 #22	2 #16 w/1 or 2 #20	1 #14 w/1 or 2 #18	2 #16 w/1 or 2 #20
1 #14 w/1 #16	2 #16 w/1 #20 w/1 #22	1 #14 w/1 to 3 #20 or #22	2 #16 w/1 to 3 #22
1 #14 w/1 or 2 #18		1 #16 w/1 to 3 #18	
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). Pele los cables 3/8" (9.5mm). Para cables #16 y más pequeños pele 1/2" (12.7mm).			

ORANGE WIRE CONNECTORS / CONECTORES DE CABLES ANARANJADO (WCS-3)		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
	1 #14 w/1 #16 w/1 #18	2 #16 w/3 #20	2 #18 w/3 #22
	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). Pele los cables 5/16" (7.9mm). Para cables #16 y más pequeños pele 3/8" (9.5mm).		

*GREY WIRE CONNECTORS / CONECTORES DE CABLES GRIS		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 #18 w/1 to 3 #20	1 #18 w/1 to 4 #22
1 to 2 #16	1 #18 w/1 to 3 #20	1 to 3 #18	1 #18 w/1 #20 w/1 #22
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 #20	2 #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 #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 #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	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	2 #20 w/1 to 3 #22
3 #20 w/1 or 2 #22	3 #20 w/1 or 2 #22		3 #20 w/1 or 2 #22
Strip solid wires 1/4" (6.4mm) Pele alambres sólidos de 1/4" (6.4mm) Strip stranded wires 5/16" (7.9mm) Strip trenzado cables de 5/16" (7.9mm)			

RED WIRE CONNECTORS / CONECTORES DE CABLES ROJO (WCS-2)		Max. 2#10 Sol w/2#12 Str • Min. 3#18		
Strip wires 7/16" (11.1mm). For #16 and smaller wires, strip 1/2" (12.7mm). Pele los cables 7/16" (11.1mm). Para cables #16 y más pequeños pele 1/2" (12.7mm).				
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	

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**  
Grado de la temperatura: 105°C (221°F) Máximo. Tensión nominal 600 voltios para cables para construcción. (\*300 voltios) 1000 voltios máximo en señales y artefactos de iluminación (luminarias). **PARA USO COBRE CON COBRE**



## INSTALLATION INSTRUCTIONS

- Turn off power before installing or removing connectors. All electrical work should be done according to appropriate electrical codes.
- Strip wires (for sizes, see insert).
- 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.

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