TWIST SPLICE WIRE CONNECTORS

TE Connectivity's (TE) wire connectors answer the need for inexpensive, insulated electrical terminations. They can be used in almost every type of residential and commercial application where multiple wires need to be brought together for a reliable termination. TE wire connectors, which include Wire Grip, Wing Grip, Twist Grip, Ground Grip and Cap Grip connectors, are designed to meet industry standard color-coding specifications and terminate the corresponding range of wire sizes. The screw-on wire connectors contain a live-action square spring which draws wires deep into the spring for a safe, positive "grip" of the wires.

ELECTRICAL

- Rated up to 600 volt max for building wiring
- Up to 1000 volt max in lighting fixtures/luminaires and signs

MECHANICAL

- Operating Temperature: 105° C (221°F)
- Designed for copper-copper wires only

MATERIALS

- UL94V-2 flame-retardant thermoplastic

SPECIFICATIONS

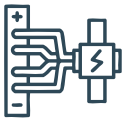
- UL 486C
- CSA 22.2. NO. 188 Certified

KEY BENEFITS

- Terminate multiple wire gauges into single splice
- Tool-less twist grip termination
- Color-coded to industry standard for sizes 22-8 AWG

APPLICATIONS

Lighting installation



Residential building wiring

Building equipment

FAMILY OF PRODUCTS

Wiregrip Connectors

Winggrip

Twistgrip

Groundgrip

Capgrip

PRODUCT SELECTION INFORMATION

	Series	Color	Wire Range (AWG)	Wire Combination		Description	TE Part Number
				Min	Max		
	Wire Grip	Gray	22 - 14	2 #22	1 #16 w/1 #18 w/1 #20	CPGI-WC-WG-GR	2299502-1
		Blue	22 - 14	2 #22	3 #16	CPGI-WC-WG-BL	2299501-1
		Orange	22 - 14	1 #18 w/1 #20	4 #16 w/1 #20	CPGI-WC-WG-OR	2299503-1
		Yellow	22 - 10	3 #20 Sol	2 #12 w/2 #14	CPGI-WC-WG-YW	2299505-1
		Red	22 - 10	3 #18	2 #10 Sol w/2 #12 Str	CPGI-WC-WG-RD	2299504-1
	Ground Grip	Green	14 - 10	2 #14	5 #12	CPGI-WC-GG-GN	2299511-1
	Twist Grip	Tan	22 - 8	3 #22 Sol	4 #12	CPGI-WC-TG-TN	2299510-1
		Gray	18 - 8	3 #14 w/1 #18	3 #10	CPGI-WC-TG-GR	2299509-1
	Wing Grip	Yellow	18 - 10	2 #18	3 #12 Sol	CPGI-WC-WNG-YW	2299508-1
		Red	18 - 8	3 #16	5 #12 Sol	CPGI-WC-WNG-RD	2299507-1
		Blue	14 - 6	2 #10 w/1 #12	3 #8 w/1 #12	CPGI-WC-WNG-BL	2299506-1
	Cap Grip	Yellow	22 - 10	4 #22	3 #12	CPGI-WC-CG-YW	2299513-1
		Red	22 - 6	3 #20	1 #8 w/3 #12 Str	CPGI-WC-CG-RD	2299512-1

Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need.
Visit **te.com/support** to chat with a Product Information Specialist.

te.com/splices

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