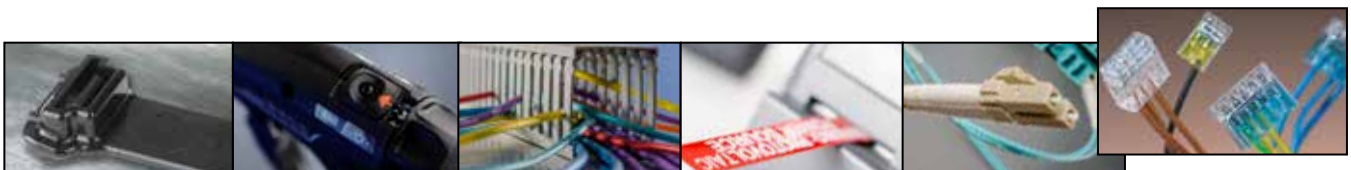




HelaCon Plus Mini

Push-in Wire Connectors



Wire Connectors

HelaCon Plus Mini

Wire Connectors

HelaCon Plus Mini push-in wire connectors offer an ergonomic alternative to traditional twist-on wire connectors, easily installing to minimize repetitive-stress injuries and increase productivity. HelaCon Plus Mini connectors feature a patented dual-spring technology for a secure hold on 12-22 AWG solid and stranded copper wire.



HelaCon Plus Mini – The Unique Wire Termination Solution

1) Double-Spring Technology

The HelaCon Plus Mini line of wire connectors is the only push-in wire connector with a double-spring design: the first spring allows for low insertion force, and the second secures a firm connection with a significantly stronger retention value.



2) For Both Stranded and Solid Wire

This “peace of mind” wire connector holds solid wire firmly in place, reduces buckling when connecting stranded wire, accepts a wider range of wire sizes (12 to 22 AWG wire), and houses both solid and stranded wire cores in one unit.



3) The Ergonomically Friendly Alternative to Twist-On Wire Connectors

No more twisting and taping. No repetitive motion fatigue. No contact stress from tools. Simply strip the wire and insert it into the connector. At HellermannTyton, we recognize the importance of reduced wiring time, lower labor costs and project expenses, easier installations in difficult spots, and the need to minimize hand strain.

4) Color Coded with Multiple Ports

The “clear benefit” of the HelaCon Plus Mini connector is its transparent housing with color-coded sides that allows for easy identification and visual verification. And, this connector has multiple in-line port options (2, 3, 4, 5, 6 and 8 port selection) for future expansion.

5) Testing Simplified

Featuring a separate test slot, the HelaCon Plus Mini includes a larger, more accessible test port that is positioned in the center of the connector.

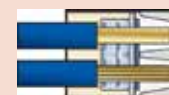
3 Easy Steps to Using HelaCon Plus Mini

1) Strip cable to 11 mm (0.43 in.).

2) Push cable into HelaCon Plus Mini connector.



3) Visibly check cable connection through transparent shell.



Connectors – For Solid and Stranded Wires

HelaCon Plus Mini

HelaCon Plus Mini Wire Connectors replace traditional twist-on wire connectors. They provide faster, easier and more reliable connection and distribution of cable and conductors in electrical installation applications. Mini connectors have a compact footprint and can be applied tool-free using convenient, push-in simplicity. Internal dual-spring technology is approved for solid and stranded wires.

Features and Benefits

- Dual-spring technology for safe, secure and reliable connections.
- Smaller footprint fits in tight spaces.
- Low insertion force makes installation of solid or stranded copper wire fast and easy.
- Color coded for easy identification of size.
- Each port accepts multiple wire diameters for flexible applications.
- Accepts 12–22 AWG solid wire and 14–22 AWG stranded wire.



MATERIAL	Polyamide 6.6 heat stabilized (PA66HS)
Material Housing	Polycarbonate (PC)
Material Plated Brass	Brass Tinned
Material Spring Plate	Stainless Steel (SS)
Max Current	24 A
Voltage Rating (cULus)	600 V
Voltage Rating (VDE)	450 V
Wire Range (cULus)	12 AWG to 22 AWG Solid Copper Wires / 14 AWG to 22 AWG Tin-Dipped Copper Stranded Wire
Wire Range (VDE)	0.5 to 2.5 mm ² solid wires / 1.0 to 2.5 mm ² stranded wires
Stripping Length (Imperial)	0.43"
Stripping Length (Metric)	11.0 mm
Flammability	UL 94 V0
Operating Temperature	-22°F to +185°F (-30°C to +85°C)
Certification/Specification	ANSI/UL 486-A, ANSI/UL 486-B, ANSI/UL 486-C, EN 60998-2-2:2004, EN 60998-2-2:201, ENEC



PART NO.	Type	Color	Number of Conductors	UPC	Width		Height		Depth		Pkg Qty
					in.	(mm)	in.	(mm)	in.	(mm)	
148-90036	HCPM-2	Clear, Yellow	2	89306392385	0.42	10.80	0.30	7.70	0.65	16.50	150
148-90037	HCPM-3	Clear, Orange	3	89306392392	0.59	15.10	0.30	7.70	0.65	16.50	100
148-90038	HCPM-4	Clear	4	89306392408	0.76	19.40	0.30	7.70	0.65	16.50	100
148-90039	HCPM-5	Clear, Blue	5	89306392415	0.93	23.70	0.30	7.70	0.65	16.50	75
148-90040	HCPM-6	Clear, Violet	6	89306392422	1.10	28.00	0.30	7.70	0.65	16.50	50
148-90041	HCPM-8	Clear, Black	8	89306392439	1.44	36.60	0.30	7.70	0.65	16.50	50
148-90048	HCPM-2	Clear, Yellow	2	89306409847	0.42	10.80	0.30	7.70	0.65	16.50	500
148-90049	HCPM-3	Clear, Orange	3	89306409854	0.59	15.10	0.30	7.70	0.65	16.50	400
148-90050	HCPM-4	Clear	4	89306409861	0.76	19.40	0.30	7.70	0.65	16.50	300
148-90051	HCPM-5	Clear, Blue	5	89306409878	0.93	23.70	0.30	7.70	0.65	16.50	300
148-90052	HCPM-6	Clear, Violet	6	89306409885	1.10	28.00	0.30	7.70	0.65	16.50	250
148-90053	HCPM-8	Clear, Black	8	89306409892	1.44	36.60	0.30	7.70	0.65	16.50	200

Use **Part No.** for ordering and **Type** specification purposes.



**HellermannTyton North American
Corporate Headquarters**

7930 N. Faulkner Rd, PO Box 245017
Milwaukee, WI 53224-9517
Phone: (414) 355-1130, (800) 537-1512
Fax: (414) 355-7341, (800) 848-9866
email: corp@htamericas.com
www.hellermann.tyton.com

TS16949, AS9100, ISO 9001, and ISO14001 certified

HellermannTyton Canada

Unit #4, 205 Industrial Parkway North
Aurora, Ontario L4G 4C4 Canada
Phone: (800) 661-2461
Fax: (800) 390-3904
email: sales@hellermannnyton.ca

HellermannTyton Mexico

Anillo Periferico Sur 7980 Edificio 6A
Parque Industrial Tecnologico II
Santa Maria Tequepexpan
Tlaquepaque, Jalisco, Mexico 45601
Phone: 011-52-33-3-133-9880
Fax: 011-52-33-3-133-9861
email: info@htamericas.com.mx

ISO 9001 certified