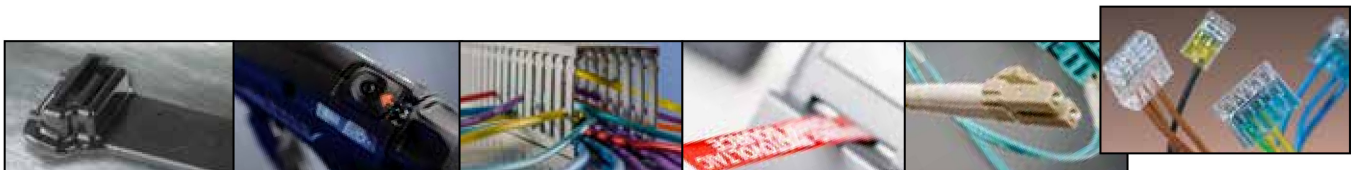




HelaCon Plus Mini

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.

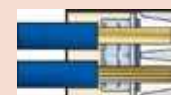


3 Easy Steps to Using HelaCon Plus Mini

- 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.



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