



HelaCon Series

Push-in wire connectors for professional cable connections

The HelaCon Series of push-in wire connectors from HellermannTyton includes our newest line of HelaCon Plus connectors for both solid and stranded wire and the HelaCon Easy line for solid copper wire.



As a global manufacturer and supplier of solutions which help connect, manage and identify wire and cable components, HellermannTyton is known worldwide for its technological innovation, quality and value. Designed for wire-to-wire electrical connections, the HelaCon line of push-in wire connectors from HellermannTyton is the better alternative to the traditional wire connectors that involve the time-consuming twisting of wire. And, with the introduction of the double-spring HelaCon Plus connector line to our HelaCon series of push-in connectors, HellermannTyton has once again coupled safety and efficiency in a distinct solution that offers options to twist-on wire connectors for electrical and original equipment manufacturer applications.

HelaCon Plus is unique in that it is the only push-in style wire connector with a DOUBLE-SPRING DESIGN that delivers a safe, secure, and reliable wire connection. The DOUBLE-SPRING DESIGN requires a low insertion force, thus reducing wiring time and operator hand strain while providing a significantly higher retention value. With HelaCon Plus, HellermannTyton offers an affordable and ergonomically-friendly alternative for completing routine wire termination tasks.

Market Applications

Home & Light Commercial Construction

- Junction Boxes
- Dimmer Switches
- Home Automation
- Lighting Fixtures



OEM Lighting & Manufacturing

- Garbage Disposals
- Low-Voltage Lighting Systems
- Ceiling Fans
- Garage Door Openers
- Exhaust Units



Maintenance, Repair & Replacement

- Repair Kits
- Power Cord Kits
- Lighting Retrofits
- Security and Alarm Systems



HelaCon Plus Wire Connector

Transparent Housing Clear material for simple identification and quick visual inspection; meets flammability standard of UL94V2.

Multiple Ports Individual pole slots for each distinctive wire, regardless of size and style, allowing for flexibility and versatility within the same connector unit.

Accessible Test Port Large test port for easy confirmation.



Material Data

Material Housing	Polycarbonate (PC)
Material Plated Brass	Brass Tinned
Material Spring Plate	Stainless Steel (SS)
Max Current	24 A
Max Voltage	600 V (cULus), 450 V (VDE)
Wire Range (cULus)	12 - 22 AWG solid/stranded
Wire Range (VDE)	0.5 - 2.5mm² solid/stranded (max 7 cores)
Stripping Length	0.43 inches (11 mm)
Flammability	UL94 V2
Operating Temperature	-22°F (-30°C) to 221°F (+105°C) (cULus) -30°C to +110°C (VDE)
Certification	cULus, VDE, NEMKO, FIMKO, DEMKO, KEMA-KEUR



Double-spring technology provides for low insertion force while delivering a safe, secure connection.



Accommodates both solid and stranded wire (12-22 AWG)

Product Selection

Article No.	Part No.	Type	Color	Number of Conductors	UPC	Width		Height		Depth		Pkg. Qty.
						in.	(mm)	in.	(mm)	in.	(mm)	
148-90000	148-90000	HECP-2	Transparent, Yellow	2	089306277217	.46"	(11.75)	.41"	(10.45)	.75"	(19.00)	100
148-90001	148-90001	HECP-3	Transparent, Orange	3	089306277224	.63"	(15.90)	.41"	(10.45)	.75"	(19.00)	100
148-90002	148-90002	HECP-4	Transparent	4	089306277231	.79"	(20.05)	.41"	(10.45)	.75"	(19.00)	75
148-90003	148-90003	HECP-5	Transparent, Blue	5	089306277248	.95"	(24.20)	.41"	(10.45)	.75"	(19.00)	50
148-90004	148-90004	HECP-6	Transparent, Violet	6	089306277255	1.12"	(28.35)	.41"	(10.45)	.75"	(19.00)	50
148-90005	148-90005	HECP-8	Transparent, Gray	8	089306277262	1.44"	(36.65)	.41"	(10.45)	.75"	(19.00)	40

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

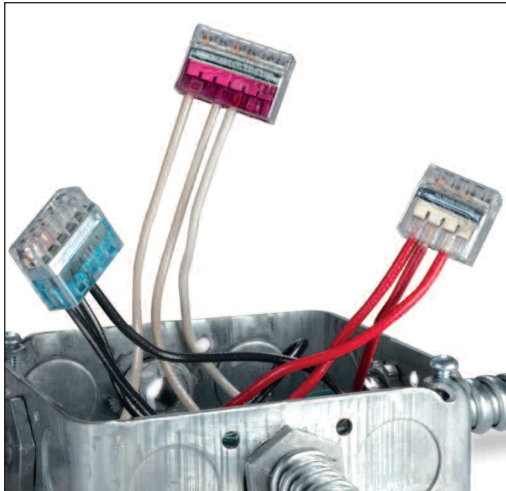
HelaCon Plus - The Unique Wire Termination Solution

1.) Double-Spring Technology

The HelaCon Plus line of wire connectors from HellermannTyton 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

The “peace of mind” wire connector from HellermannTyton 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 connector from HellermannTyton 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 pole selection) for future expansion.

5.) Testing Simplified

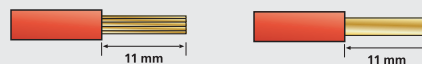
Featuring a separate test slot, the HellermannTyton HelaCon Plus product includes a larger, more accessible test port that is positioned in the center of the connector.

6.) Safer, More Dependable

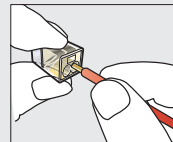
With a 24 A max current rating, the HellermannTyton HelaCon Plus connector easily exceeds even the most rigid building and construction standards with a UL listed approval up to 600 volts for building wire and 1000 volts for fixtures and signs.

3 Easy Steps to using HelaCon Plus

1 Strip cable to 0.43 in (11 mm)



2 Push cable into HelaCon Plus connector



3 Visibly check cable connection through transparent shell

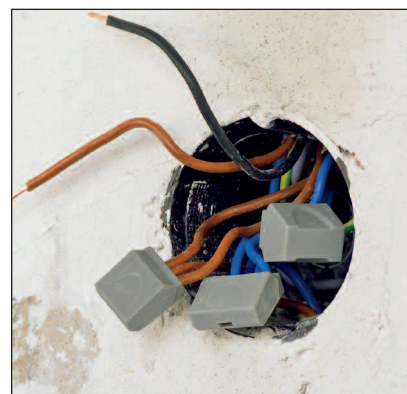


HelaCon Easy and Easy 1.5 Wire Connector

Compact, standard product designed exclusively for solid copper wire.

The HelaCon Easy and Easy 1.5 wire connector series consists of small single-spring, push-in wire connectors designed to work solely with solid copper wire. A wide assortment of poles allows flexibility in application, depending upon the number of conductors and amount of space available.

The Easy 1.5 series is intended to work with solid copper wire in the 14 to 22 AWG range. The standard Easy Line will have a slightly higher pole diameter, enabling connection of solid wires in the 12 to 18 AWG range.



HelaCon Easy

Material Data	
Material Housing	Polyamide (PA)
Max Current	24 A
Max Voltage	300 V (cULus)
Wire Range (cULus)	12 - 18 AWG solid
Wire Range (VDE)	1.0 - 2.5 mm² solid
Stripping Length	0.4 inches (11 mm)
Flammability	UL94 V2
Operating Temperature	-22°F to 221°F (cULus) (-30°C to +105°C) -30°C to +110°C (VDE)
Certification	cULus, VDE, FIMKO, ENEC

HelaCon Easy 1.5

Material Data	
Material Housing	Polyamide (PA)
Max Current	17.5 A
Max Voltage	300 V (cULus)
Wire Range (cULus)	14 - 22 AWG solid
Wire Range (VDE)	0.5 - 1.5 mm² solid
Stripping Length	0.4 inches (11 mm)
Flammability	UL94 V2
Operating Temperature	-22°F to 221°F (cULus) (-30°C to +105°C) -30°C to +110°C (VDE)
Certification	cULus, VDE, FIMKO, KEMA-KEUR, CEBEC, ENEC

Product Selection

Product Selection		Type	Color	Number of Conductors	UPC	Width		Height		Depth		Pkg. Qty.
Article No.	Part No.					in.	(mm)	in.	(mm)	in.	(mm)	
HelaCon Easy												
148-90006	148-90006	HECE-2	Gray	2	089306325093	.41"	(10.5)	.37"	(9.5)	.77"	(19.5)	100
148-90007	148-90007	HECE-3	Gray	3	089306325109	.53"	(13.5)	.37"	(9.5)	.78"	(19.7)	75
148-90008	148-90008	HECE-4	Gray	4	089306325123	.68"	(17.2)	.37"	(9.5)	.78"	(19.7)	100
148-90009	148-90009	HECE-5	Gray	5	089306325130	.83"	(21.1)	.37"	(9.5)	.78"	(19.7)	100
148-90010	148-90010	HECE-8	Gray	8	089306325154	.69"	(17.5)	.66"	(16.8)	.75"	(19.0)	50
HelaCon Easy 1.5												
148-90013	148-90013	HECE-3x1.5	Gray	3	089306302865	.45"	(11.4)	.35"	(8.8)	.73"	(18.5)	100
148-90015	148-90015	HECE-5x1.5	Gray	5	089306302872	.68"	(17.2)	.35"	(8.8)	.73"	(18.5)	100
148-90018	148-90018	HECE-8x1.5	Gray	8	089306302889	1.02"	(26)	.35"	(8.8)	.73"	(18.5)	75

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



The Push-In Wire Connector with Double-Spring Technology
For Professional Wire and Cable Connections in
Electrical and OEM Applications

HellermannTyton - A recognized manufacturer of innovative products and solutions that are designed and constructed to meet the strictest quality standards while delivering reliable implementation at the lowest cost.

HellermannTyton

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Warranty Policy

HellermannTyton products are warranted to be free from defects in material and workmanship at the time sold by us; but our obligation under this warranty and that of the seller is limited to the replacement of the product, and neither we nor the seller are bound by any other warranty, expressed, implied or statutory. Under no circumstances are we or the seller liable for any loss, damage, expenses or consequential damages of any kind arising out of the use or inability to use these products. All are sold with the understanding that the user will test them in actual use and determine their adaptability for the intended uses.