



HelaCon Plus

Features and Benefits

HelaCon Plus is a sophisticated push-in wire connector for professional cable connections in electrical housing applications.

The newly developed double spring allows easy processing and will support installers especially in tricky situations like overhead work. This ensures proper fixing that can optically be checked through the transparent housings. Different colour codes provide a comfortable identification of the different connectors. A separate voltage test entry on the front guarantees safety during application, installation and maintenance.

Application

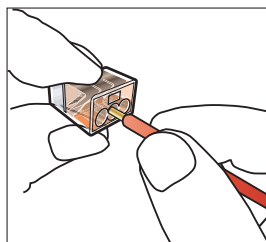
The HelaCon connectors are used for fast, easy and reliable connection and distribution of cable and conductors in the field of electrical housing applications.

Application Method

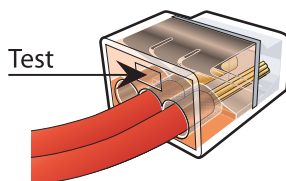
- Make sure that power is turned off before installation
- Solid and stranded copper conductors can be used
- Strip them off approximately 11 mm
- Insert them completely into the connector
- Use voltage tester via separate test entry
- To change or correct a wire, hold and twist it alternatively left and right while pulling the connector



A huge variety of connectors from 2 to 8 poles is available according to the application. The transparent housings allow a quick and easy checking of the conductor fitting.



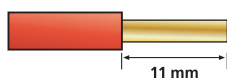
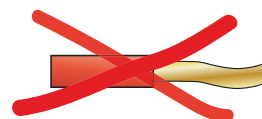
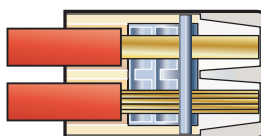
The double spring allows easy push-in of the conductor.



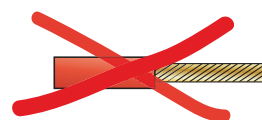
A separate test entry on the front allows the use of a voltage meter.



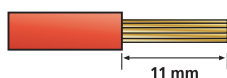
HelaCon Plus– newly developed double spring technology.



Solid 0.5 - 2.5 mm²



Fine Stranded



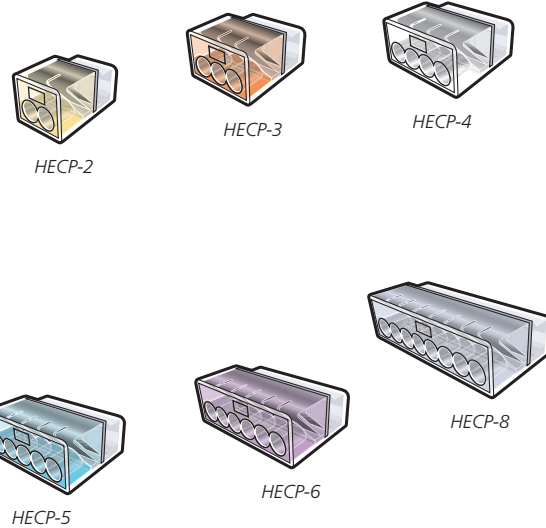
Stranded 0.5 - 2.5 mm²



HECP-3.



HECP-5.



Material Data

Material Housing	Polycarbonate (PC)
Material Plated Brass	Brass Tinned
Material Spring Plate	Stainless Steel
Max Current	24 A
Max Voltage	450 V (VDE), 600 V (cULus)
Wire Range (cULus)	AWG 12 to 22 solid/stranded
Wire Range (VDE)	0.5 to 2.5 mm² solid/stranded (max 7 cores)
Stripping Length	11 mm
Flammability	UL94 V0
Operating Temperature	-30°C to +110°C (VDE), -30°C to +105°C (cULus)
Specification	VDE, NEMKO, SEMKO, FIMKO, DEMKO, KEMA-KEUR, cULus



Technical Table

Article-No.	Type	Colour	Number of Conductors	Width (W)	Height (H)	Depth (D)	Pack Cont.
148-90000	HECP-2	Transparent (CL), Yellow (YE)	2	11.75	10.45	19.00	100
148-90001	HECP-3	Transparent (CL), Orange (OG)	3	15.90	10.45	19.00	100
148-90002	HECP-4	Transparent (CL)	4	20.05	10.45	19.00	75
148-90003	HECP-5	Transparent (CL), Blue (BU)	5	24.20	10.45	19.00	50
148-90004	HECP-6	Transparent (CL), Violet (VT)	6	28.35	10.45	19.00	50
148-90005	HECP-8	Transparent (CL), Grey (GY)	8	36.65	10.45	19.00	40

All dimensions in mm. Subject to technical changes.