



## 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

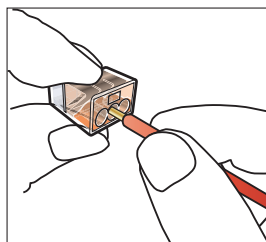
The HelaCon connectors are used for fast, easy and reliable connection and distribution of cable and conductors in the field of electrical housing applications.

### 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



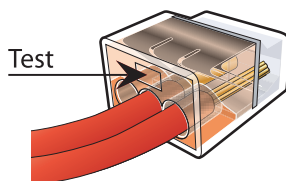
A huge variety of connectors from 2 to 8 poles is available according to the application. The transparent housings allow a quick and easy checking of the conductor fitting.



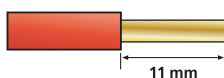
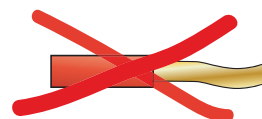
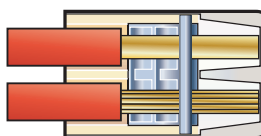
The double spring allows easy push-in of the conductor.



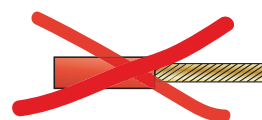
HelaCon Plus– newly developed double spring technology.



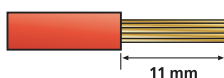
A separate test entry on the front allows the use of a voltage meter.



Solid 0.5 - 2.5 mm<sup>2</sup>



Fine Stranded



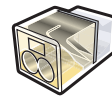
Stranded 0.5 - 2.5 mm<sup>2</sup>



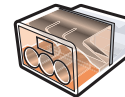
HECP-3.



HECP-5.



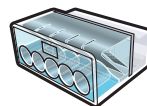
HECP-2



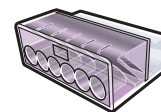
HECP-3



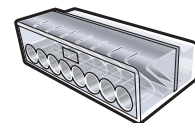
HECP-4



HECP-5



HECP-6



HECP-8

## Material Data

Material Housing	<b>Polycarbonate (PC)</b>
Material Plated Brass	<b>Brass Tinned</b>
Material Spring Plate	<b>Stainless Steel</b>
Max Current	<b>24 A</b>
Max Voltage	<b>450 V (VDE), 600 V (cULus)</b>
Wire Range (cULus)	<b>AWG 12 to 22 solid/stranded</b>
Wire Range (VDE)	<b>0.5 to 2.5 mm<sup>2</sup> solid/stranded (max 7 cores)</b>
Stripping Length	<b>11 mm</b>
Flammability	<b>UL94 V0</b>
Operating Temperature	<b>-30°C to +110°C (VDE), -30°C to +105°C (cULus)</b>
Specification	<b>VDE, NEMKO, SEMKO, FIMKO, DEMKO, KEMA-KEUR, cULus</b>



## Technical Table

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

All dimensions in mm. Subject to technical changes.