

4.1

Wire Connectors

HelaCon Easy

HelaCon Easy**Features and Benefits**

The range of push-in wire connectors are used for fast, easy and reliable connection and distribution of cable and conductors in electrical housing applications. They used within a typical range of housing voltage up to 450 volts. A huge variety of input poles allow a high flexibility in application depending of the number of conductors and available space. Diameters of up to 2,5mm² can conveniently be processed and allow the use of thicker conductors when a voltage drop occurs. The flexible fixing of the double spring of HelaCon Plus allows different conductor diameters in each entry without influencing the adjacent ones. The connectors can be used in all kinds of junction boxes either on-wall or flush mounted.

Application

The HelaCon Easy connectors are used for fast, easy and reliable connection and distribution of cable and conductors in the field of electrical housing installations within junction boxes and control panels.

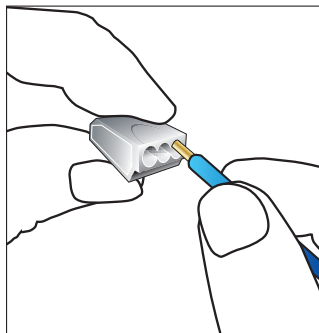
The HelaCon Easy connectors are exclusively designed for use with solid wire up to a diameter range of 2.5mm². Bent, stranded or fine-stranded conductors will not apply.

Application Method

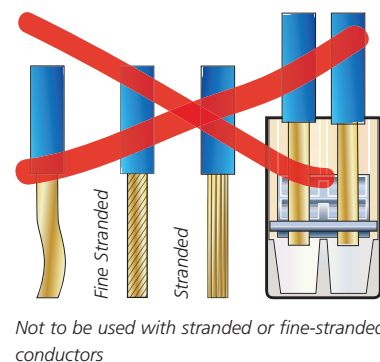
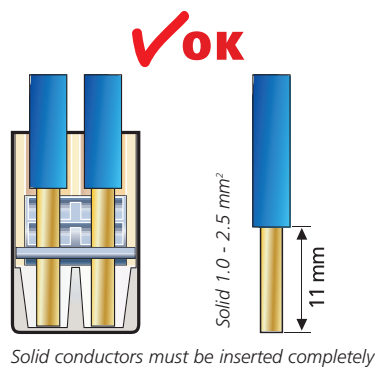
- Make sure that power is turned off before installation
- Use solid copper conductors only
- Strip them off approximately 11 mm
- Insert them completely into the connector
- Use voltage tester via separate test entry
- To change or correct a wire, hold and twist it alternatively left and right while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



The compact design of HelaCon Easy fits perfectly in tight spaces.



Just push-in and play.

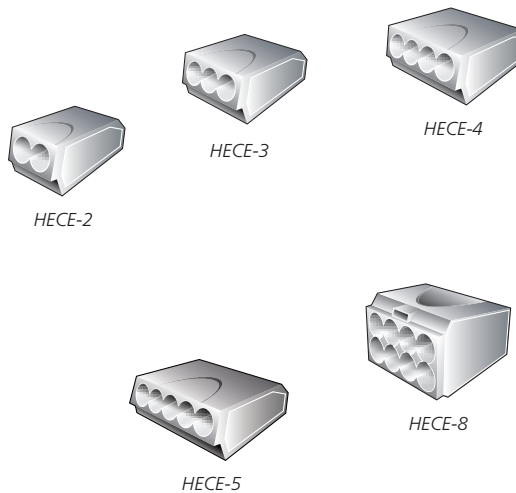




HelaCon Easy 4-pole.



HelaCon Easy 8-pole.



Material Data



Material Housing	Polyamide (PA)
Material Plated Brass	Brass Tinned
Material Spring Plate	Stainless Steel
Max Current	24A
Max Voltage	VDE-450V; UL-300V
Wire Range (cULus)	12-20 AWG solid
Wire Range (VDE)	1.0-2.5 mm² solid
Stripping Length	11mm
Flammability	UL94 V0
Operating Temperature	-30°C to +110°C (VDE), -30°C to +105°C (cULus)
Specification	cULus, KEMA-KEUR, FIMKO, VDE, CEBC

Technical Table

Article-No.	Type	Colour	Number of Conductors	Width (W)	Height (H)	Depth (D)	Pack Cont.
148-90006	HECE-2	Grey (GY)	2	10.5	9.5	19.5	100
148-90007	HECE-3	Grey (GY)	3	13.5	9.5	19.7	75
148-90008	HECE-4	Grey (GY)	4	17.2	9.5	19.7	100
148-90009	HECE-5	Grey (GY)	5	21.1	9.5	19.7	100
148-90010	HECE-8	Grey (GY)	8	17.5	16.8	19	50

All dimensions in mm. Subject to technical changes.



Please Note for Product Specific Approvals please refer to the Appendix

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