



Connectors - For Lighting Installation

HelaCon Lux

The typical application is lighting installation, where the solid conductor from concealed cabling has to be connected to a flexible cable for lighting or other device. The 2/1 variant allows the looping through of the supply lines for additional devices.

There are two types of cable insertion port on each side of the HelaCon Lux connector, one is a conventional push in wire type suitable for solid cable, whilst the other side is suitable for flexible cable and is inserted by pressing the locking mechanism and can be released in the same way at any time. The lighting side can accept any kind of conductor and makes HelaCon Lux connectors also useful to connect devices that use flexible connecting cables such as control devices for smart home applications e.g. for blinds, fans, heating & cooling.

Features and benefits

- Best suitable to connect solid with flexible wire
- Combines push-in connector with lock / unlock spring mechanism
- For solid, stranded and fine-stranded conductors at lighting input from 0.5 to 2.5 mm²
- For solid wires from 0.75 up to 2.5 mm² on the installation side
- Use with typical housing current of 450 V / 24 A
- Either one or two inputs for solid conductor on installation side
- Very flexible application
- Tool-free application for easy, time-saving, safe connection
- Especially for overhead work and when wires are difficult to access

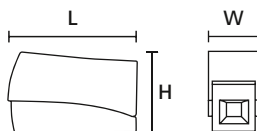


Quick installation and release of lights with HelaCon Lux.

MATERIAL	Polyamide 6.6 (PA66)
Max Current	24 A
Max Voltage	450 V
Wire Range (VDE) in mm²	0.5 mm ² - 2.5 mm ²
Stripping Length	11 mm
Flammability	UL 94 V2
Operating Temperature	-5 °C to +100 °C

HF ✓

RoHS ✓



HelaCon Lux side view

HelaCon Lux front view



www.HellermannTyton.com/HelaConLux-cat22

TYPE	Drawing	Number of Conductors	Colour	Width (W)	Height (H)	Length (L)	Pack Cont.	Article-No.
HECL-1/1		2	Grey (GY)	8.1	15.8	20.8	100 pcs.	148-90022
HECL-2/1-Blister		3	White (WH)	9.5	15.8	20.8	10 pcs.	148-90058
HECL-2/1		3	White (WH)	9.5	15.8	20.8	100 pcs.	148-90023

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



For product specific approvals and specifications please refer to the Appendix.



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