Article number: 148-90022

Quick installation and release of lighting devices with HelaCon Lux

HelaCon Lux is best suitable to connect solid and flexible wire. It combines the push-in connector technology that is well known from HelaCon Easy with a lock/unlock spring mechanism to connect fine-stranded conductors. They may be used within a typical housing range of 450 V / 24 A. The two available variants showing either one or two inputs for solid conductor on the installation side offer high flexibility in application. Instead of using screwed terminal blocks the tool-free application of the lighting connectors results in an easy, time-saving and safe connection of conductors. The user benefits from this especialy in overhead work and when wires are difficult to access

A typical application is lighting installation, where the solid conductor from concealed cabling has to be connected to a flexible conductor for lightings. The 2/1 variant allows the looping through of the supply lines for additional devices. The conductor on the output/lighting side can easily be inserted by pressing the locking mechanism and can be released in the same way at any time. The lighting side can carry any kind of conductor and makes HelaCon Lux connectors also useful to connect devices that carry flexible connecting cables like control devices e.g. for blinds, fans and other drives.

Base Data

Application Method	- Do not work under load - Strip off the conductors 9 - 11 mm - Push in the solid conductor into the round input on the installation side - Unlock the lighting side by pressing the connector's rectangular input - Insert the lighting conductor and release the connector - To remove, simply press the connector again and withdraw the conductor - The installation side can easily be removed by twisting and pulling the conductor - The test entry can be used to check the voltage with a meter
Colour	Grey (GY)
Features and Benefits 2	Cable distribution and branch connections vary from country to country due to the different types of wires, diameters, colours, junction boxes and mounting systemsin use. In Norway for instance multi-purpose boxes provide both room for the conductor junction and a switch. In the Netherlands, single conductors run through a tube system from all directions into the junction box. No matter how distinct the individual requirements are – the HelaCon connector series offers the best solution for every task – worldwide.
Max Current	24 A
Max Voltage	450 V
Number of Conductors	2
Product Family	HelaCon Lux
Short Description	The range of push-in wire connectors is used for fast, easy and reliable connection and distribution of cable and conductors in electrical housing applications. They may be used within a typical range of housing voltage up to 450 volts. Numerous variants offering a huge variety of input poles allows high flexibility in application depending on the number of conductors and available space. Cross-sections from 0.5 up to 1.5 and 2.5 mm² can conveniently be

processed - connectors for many applikations are provided The way of cable distribution and branch connections varies from country to country due to the different types of wires, diameters, colours, junction boxes and mounting systems in use. No matter how distinct the individual requirements are - the HelaCon connector series offers the best solution for every task – worldwide.

Stripping Length	11 mm
Type	HECL-1/1-PA-GY-100ST, HECL-1/1
Variant	Single conductor terminal
Wire Range (VDE)	0.5 (0.75) - 2.5 mm²

Product Dimensions

Depth (D)	20.8 mm
Height (H)	15.8 mm
Length (L)	20.8 mm
Max. cable cross section	2.5 mm²
Min. cable cross section (installation side)	0.5 mm²
Min. cable cross section (luminaire side)	0.75 mm²
Nominal cross section ETIM	2.5 mm²
Width (W)	8.1 mm

Logisitic and Packaging

Carton Quantity	4500 pcs.
Label E-Number Finland	1911600
Pack Cont.	100 pcs.
Quantity of Europallet	121500
Quantity per	Box
UPC	08930630289
Weight (Kg)	0.2 kg

Material and Specifications

Flammability	UL94 V2
Halogenfree	Yes
Material	Polyamide 6.6 (PA66)
Material Shortcut	PA66
Operating Temperature	-5 °C to +100 °C
ROHS Conformity	TRUE