Strain Relief Series

Product code: 5597

- Enables independent installation of compatible plastic case compact LED drivers
- Installation with included cable clamps and screws
- Sturdy structure, compatible with cables of different thickness

IEC Halogen free CE

COMPATIBILITY

- Compatible with the LED drivers:

  LC1x70-E-CC/DA

  LC1x50-E-CC/DA

  LC35/2-DA-iC

  LC45/2-DA-iC

  LC45iC-DA-100-900*

**In usage with LC45iC-DA-100-900 LED driver, the double square symbol ⧈ on the lid of strain relief shall be covered.*

PACKAGE CONTENTS

One set of LC1x70-SR strain relief consists of the following parts:

- Cover part
- Bottom part
- Three cable clamps
- Six Phillips-head screws for mounting and tightening the cable clamps

MATERIALS AND CONDITIONS

Material Specifications

Material type	Polycarbonate
Fire retardant	Yes
UV protected	Yes
Colour	White, RAL 9016
Halogen free according to	IEC 61249-2-21

Mechanical, Operating & Storage Conditions

Ambient temperature range	-25...+45 °C*
Storage temperature range	-40...+80 °C
Assembly temperature range	+5...+30 °C

Do not store in wet or humid environment!

*Unless otherwise stated in the driver datasheet (for independent installation). Note! Tc max temperature of the driver shall not be exceeded.

Conformity & Standards

Luminaires - Part 1: General requirements and tests	IEC 60598-1 EN 60598-1
Luminaires. Part 2: Particular requirements. Section One: Fixed general purpose luminaires	IEC 60598-2-1 EN 60598-2-1

Compliant with relevant EU directives, CE marked, RoHS/REACH compliant


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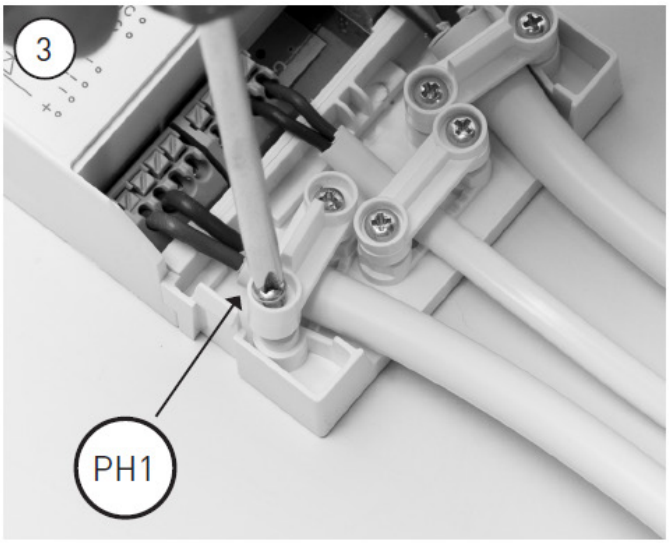
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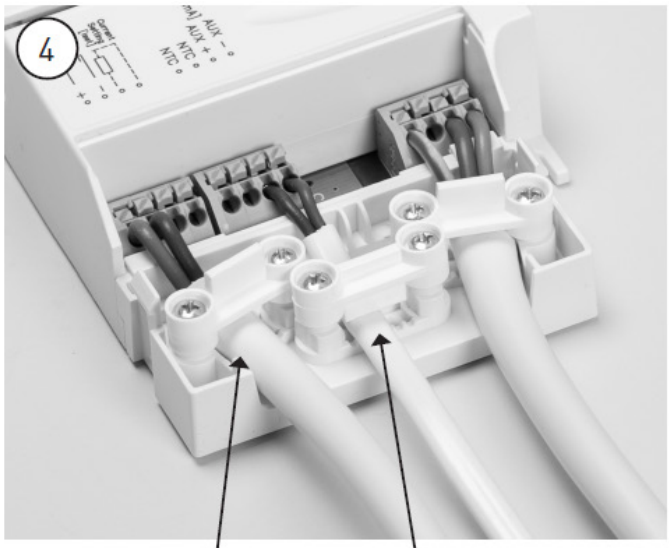
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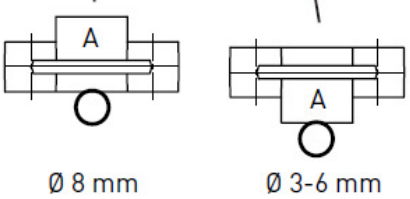
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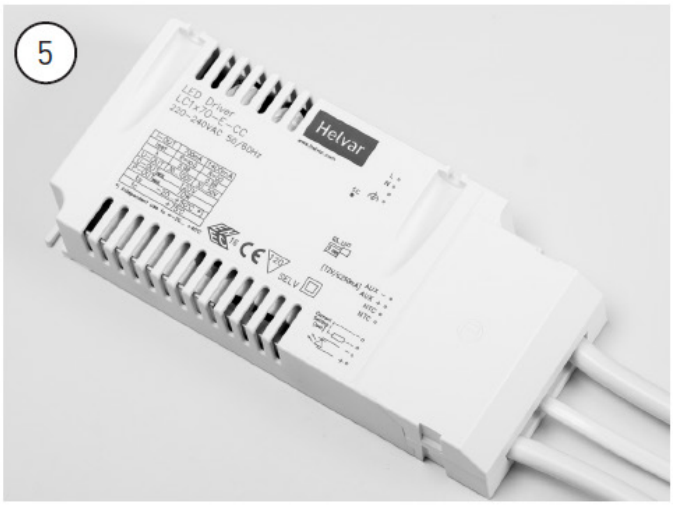
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Thermal considerations

The LC1x70-SR strain reliefs are designed and tested to comply with the luminaire standard EN 60598-1:2015 where applicable. When combining the strain reliefs and drivers for independent installation of the drivers, it is always the responsibility of the integrator to ensure that the combination complies with the relevant standards (e.g. IEC / EN 60598-1).

Thermal design of the luminaire system is important for the safety, reliability and lifetime of the system. Datasheets give guidelines what range of ambient temperature is recommended for the driver in built-in and in independent usage, but in both environments it it always the responsibility of the integrator to ensure that the Tc point temperature does not exceed the Tc max temperature specified in the product datasheet.

Installation, mechanical and chemical considerations

- Do not assemble the LC1x70-SR strain reliefs into place in cold environments (<5 °C)
- When installing the strain reliefs, refer to the separate installation guide
- The protection class of the final installation must be adequate for the application
- While handling the strain reliefs avoid excess mechanical stress or pressure applied to them
- Avoid dropping of the strain reliefs
- Mechanical modifications (drilling, milling, sawing or cutting of the strain reliefs) are not permitted

Chemical substances may cause damage to the LC1x70-SR strain reliefs.
Avoid materials and substances containing:
- Acetone, ketones, ethers, and aromatic and chlorinated hydrocarbons
- Aqueous or alcoholic alkaline solutions, ammonia gas and its solutions and amines

Do not expose LC1x70-SR strain reliefs to steamy environments.