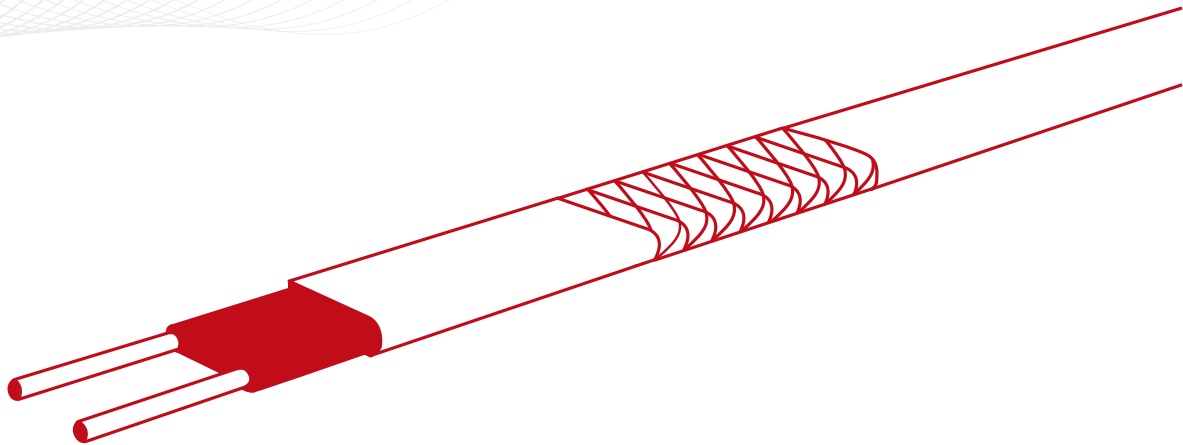


ASSEMBLY INSTRUCTIONS



EL-CLIC

Fast connector for
ELSR trace heaters type -N, -LS and -W

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IMPORTANT INFORMATION

- RETAIN FOR LATER USE



For proper and safe use of the El-Cllic fast connector for ELSR trace heaters, please follow these instructions. Please keep these instructions for future reference (e.g. in the system documentation).

- FOR DISPOSAL



The WEEE logo indicates that this product must not be disposed of with residential waste. Further information about disposal and recycling of old electrical and electronic devices and where to find collection points is available from your local disposal company or from the manufacturer from which you bought the product.



ATTENTION

Refers to a potentially dangerous situation. If it is not prevented, there is a risk of damage or malfunction.



DANGER

Refers to an extremely dangerous situation. If it is not prevented there is risk of death or at least a high risk of serious injuries.



NOTE

Important information and instructions for safe, effective and environmentally compatible usage.



WARNING

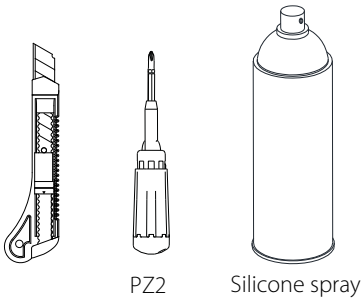
Refers to a dangerous situation. If it is not prevented there is risk of injury or at least a high risk of material damage.

Proviso

We reserve the right to make technical changes. Changes, errors or misprints shall not form the basis for any claim to compensation for damages. Comply with the applicable and currently valid standards and regulations for safety-related components and systems.

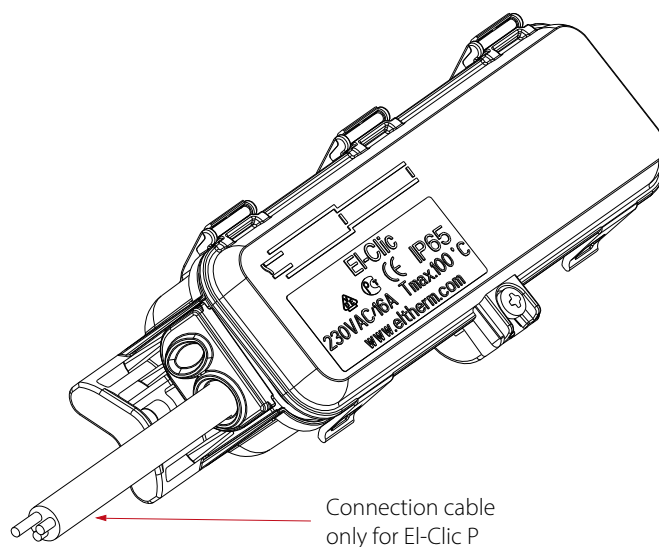
eltherm GmbH Ernst-Heinkel-Str. 6-10 57299 Burbach T.: +49 2736 4413-0 F.: +49 2736 4413-50 info@eltherm.com	Document:		Assembly instructions	
	86430409CLICX		El-Cllic	
	Author:	Peter Schmidt	Date:	12.07.2018
	Revision: 04	Maximilian Georg	Date:	11.08.2026

RECOMMENDED TOOLS



CONTENTS OF FAST CONNECTOR El-Click P / S

Type	Description	Item-No.
El-Click P	Connector with connection cable (2.5 m, H05SS-F 3G1.5), with end sleeves on the connection side	09ClickP
El-Click S	Connector without connection cable	09ClickS

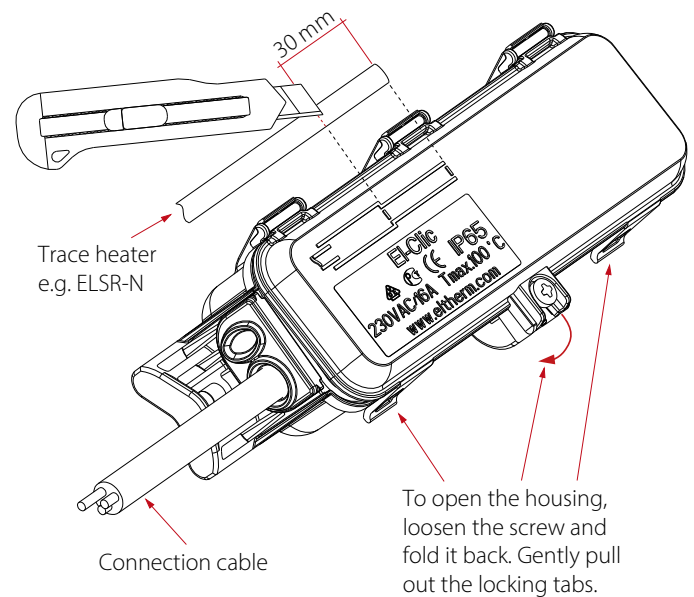


ATTENTION

For El-Click models with an integrated connection cable:

- Do not remove or replace the connection cable!
- The connection cable must be routed securely and protected from shearing, pulling, and other mechanical stress!
- When used outdoors, provide a "drip loop" for the connection cable as well!

CUT THE TRACE HEATER AND OPEN THE HOUSING



ATTENTION

Check the dimensions!

Cut the trace heater to length at a 90-degree angle!



ATTENTION

- Work may only be performed by authorized qualified personnel!
- The El-Click fast connector is intended for one-time use only!
- Do not cut into the membrane with a tool!



ATTENTION

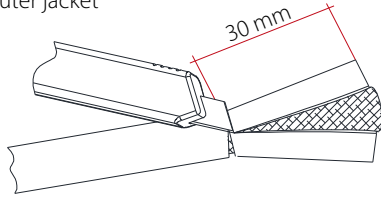
For outdoor use:

- Install the trace heater in a location that is as protected as possible from direct sunlight.
- Route the trace heater so that water cannot run along it all the way to the El-Click (install a "drip loop").

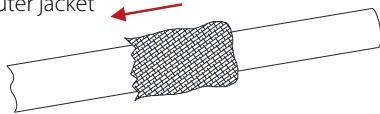
PREPARE THE TRACE HEATER

ELSR-...-BO(T)

1. Remove the outer jacket

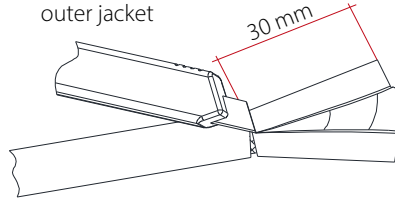


2. Pull the protective conductor braid over the outer jacket

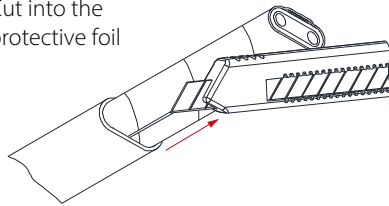


ELSR-...-AO

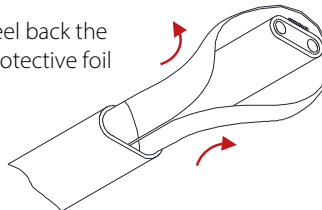
1. Remove the outer jacket



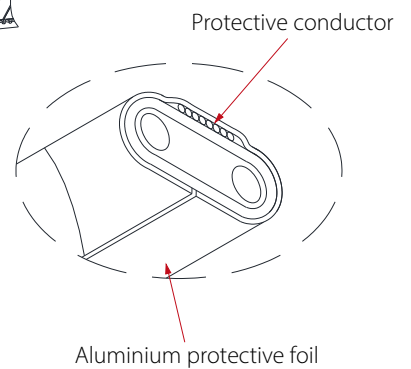
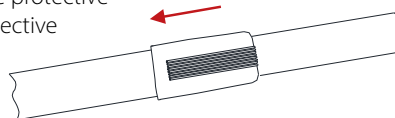
2. Cut into the protective foil



3. Peel back the protective foil

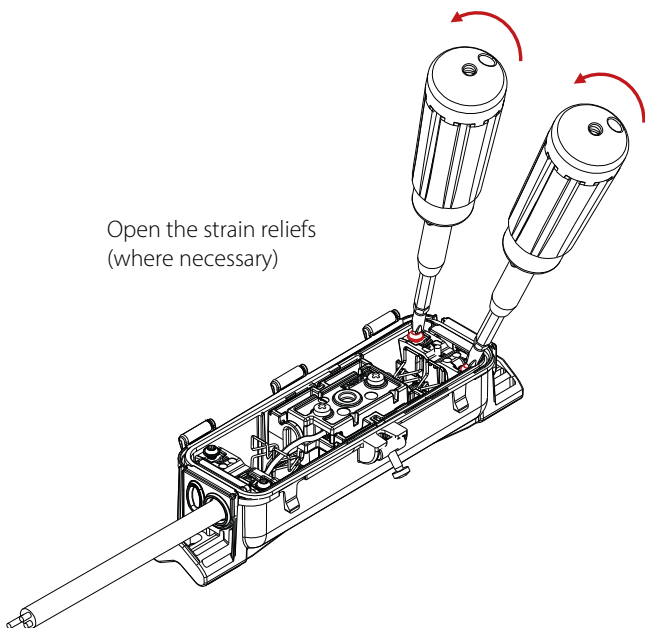


4. Fold back the protective film and protective conductor

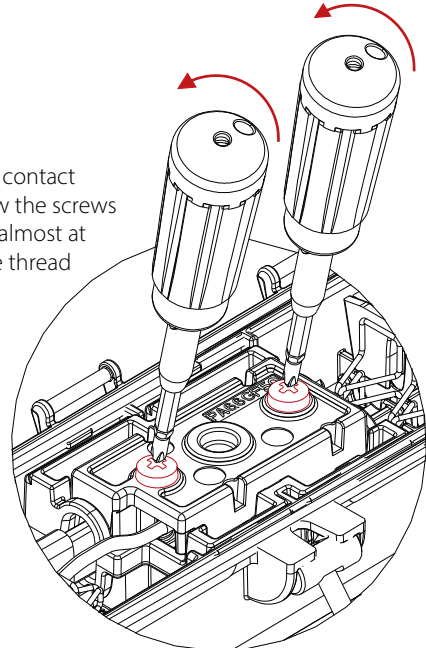


PREPARE THE EL-CLIC

Open the strain reliefs (where necessary)



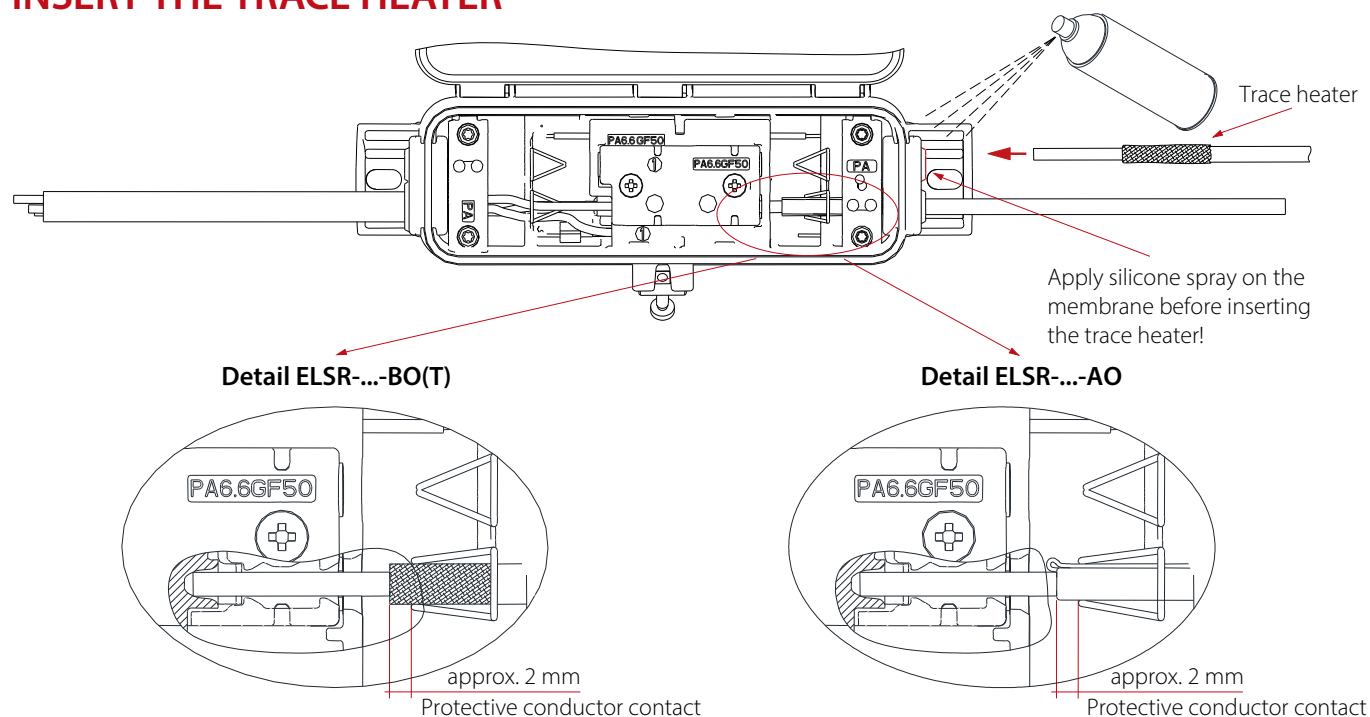
To loosen the contact block, unscrew the screws until they are almost at the end of the thread



ATTENTION

Always loosen the screws on both sides of the strain relief, even when installing only one trace heater per side!

INSERT THE TRACE HEATER

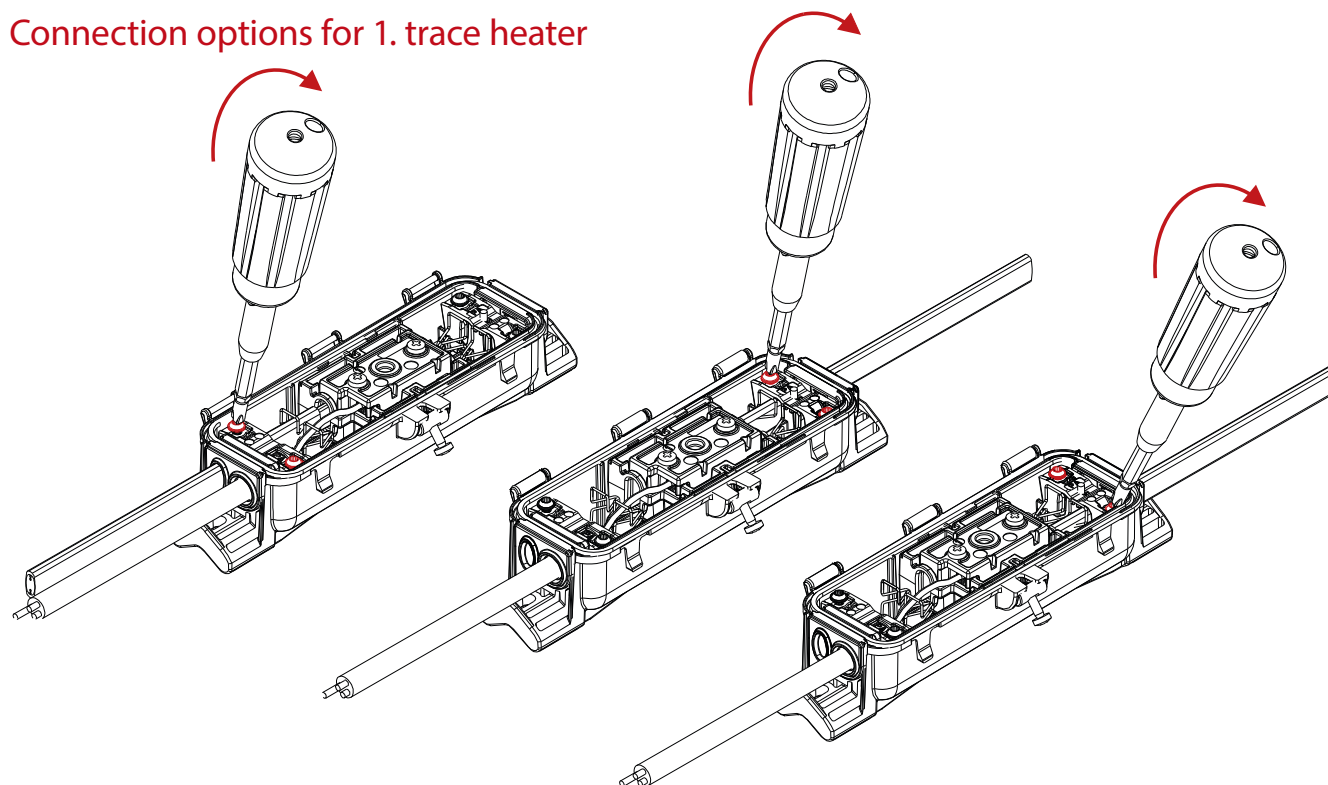


ATTENTION

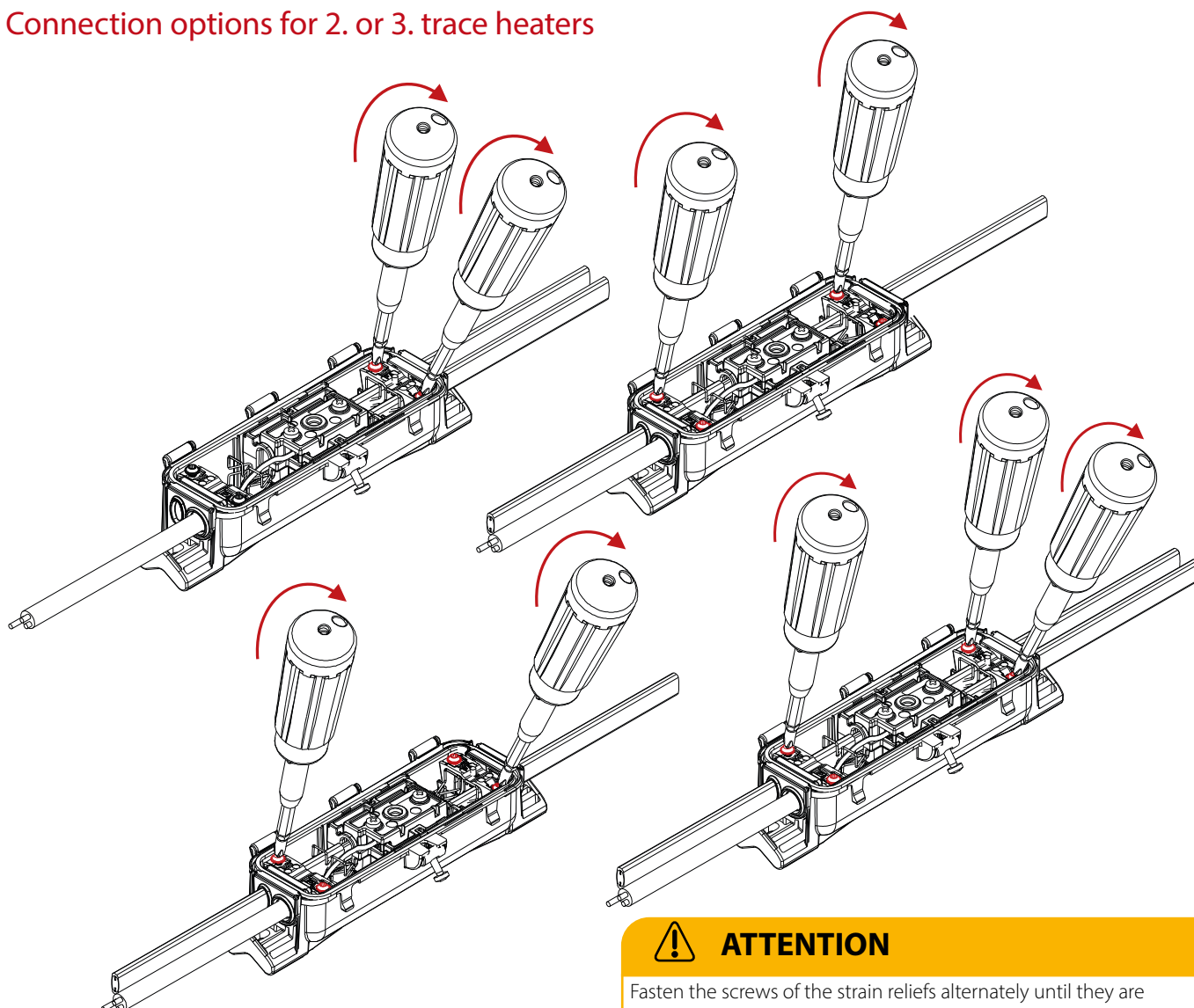
- Do not cut into the membrane with a tool!
- Insert the trace heater all the way in!
- Visually inspect the protective braid or protective conductor when inserting the trace heater!
- Visually check that the contact blades are not damaged during assembly!

FASTEN THE STRAIN RELIEF SCREWS

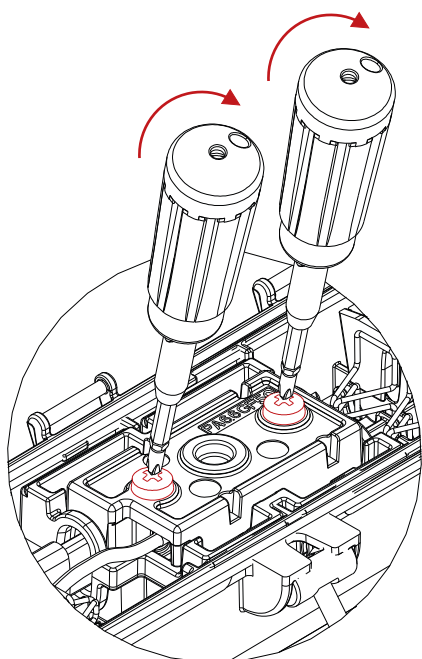
Connection options for 1. trace heater



Connection options for 2. or 3. trace heaters



FASTEN THE CONTACT BLOCK



ATTENTION

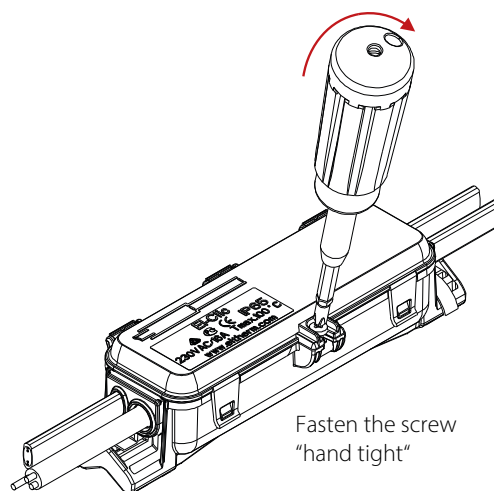
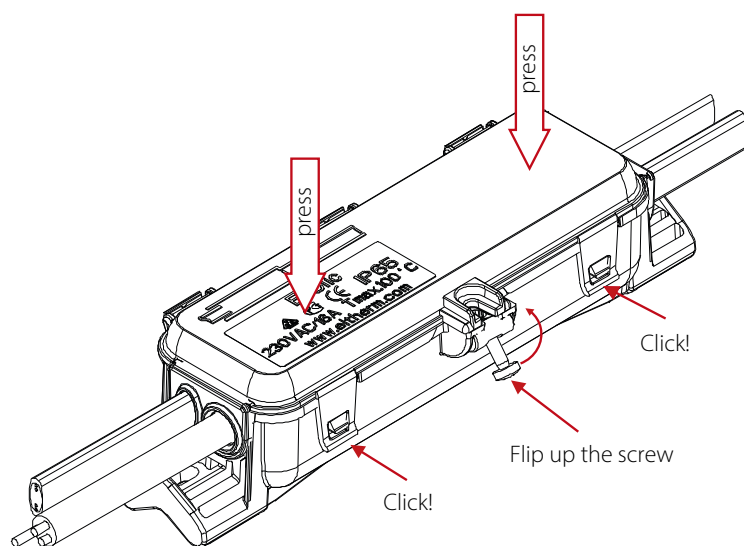
Fasten the screws of the strain reliefs alternately until they are "hand-tight"!



ATTENTION

Fasten both screws in the contact block alternately until they stop, max. 1.5 Nm!

CLOSE EL-CLIC

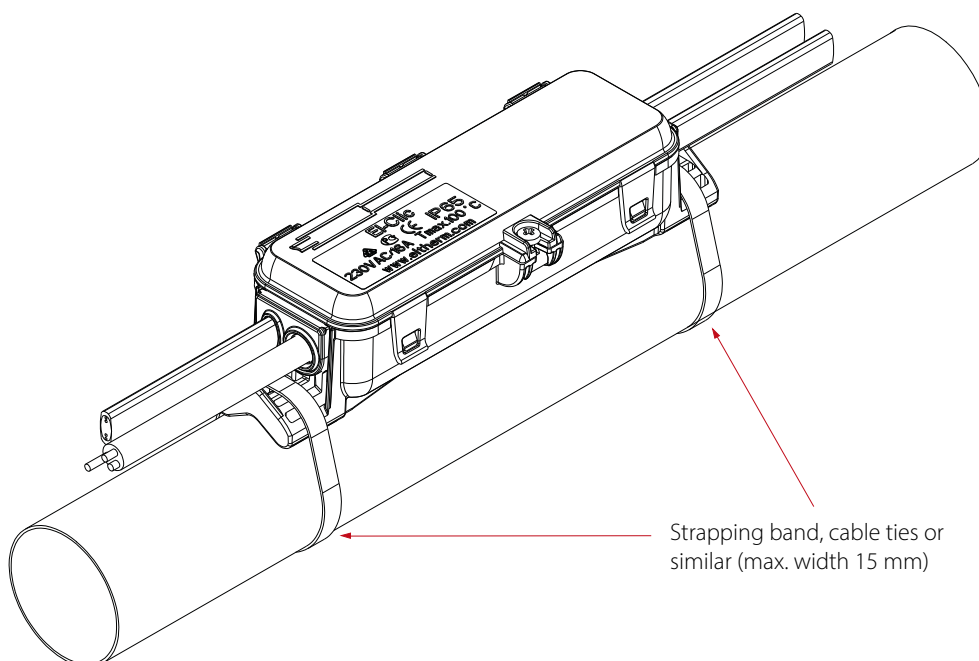


ATTENTION

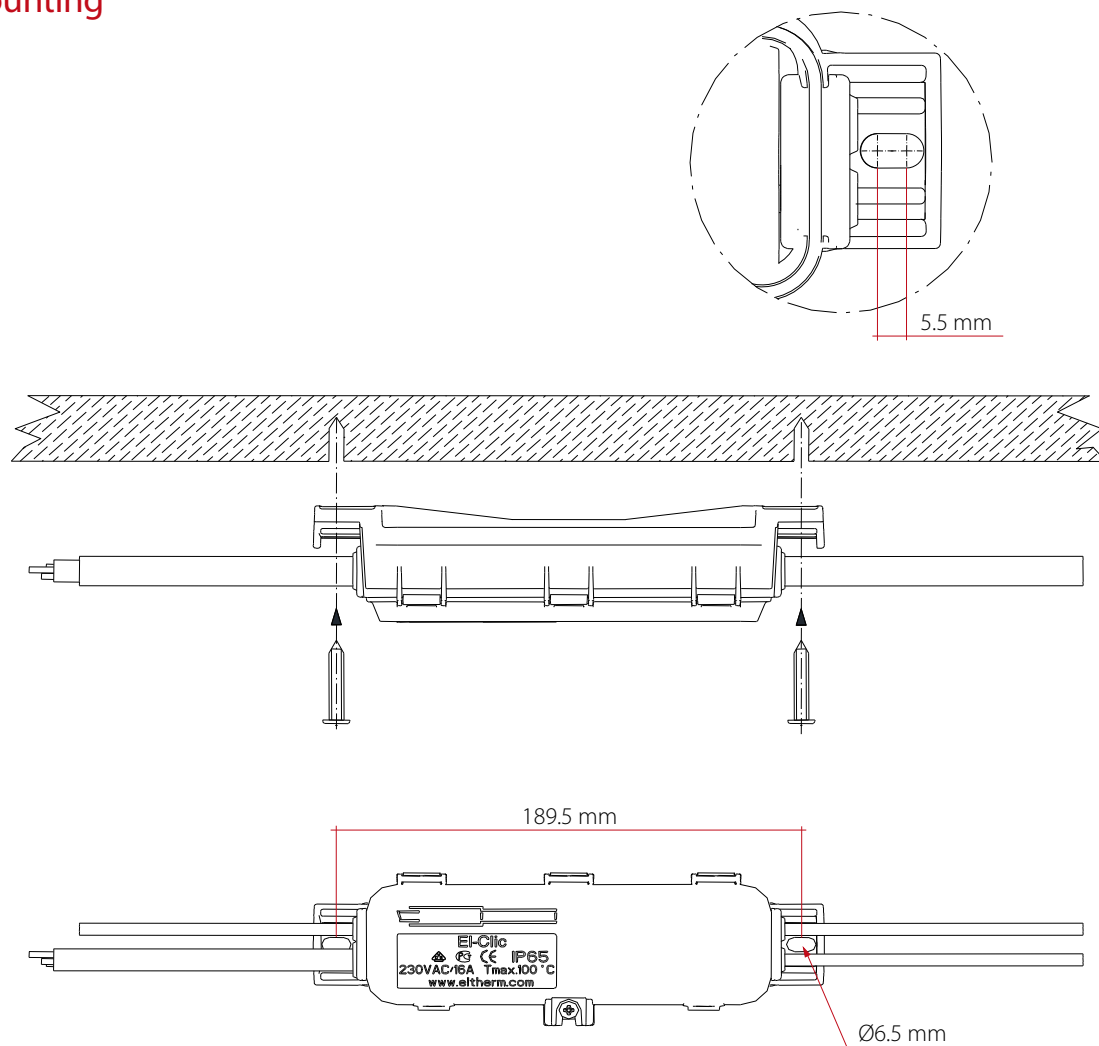
We recommend to check the assembly according to installation manual QAA-023 before proceeding to the next step!

MOUNTING OPTIONS

Pipe mounting



Wall mounting



ATTENTION

Use screws and dowels appropriate for the surface!

eltherm®



eltherm GmbH
Ernst-Heinkel-Straße 6-10
57299 Burbach, Germany

T.: +49 2736 4413-0
F.: +49 2736 4413-50
info@eltherm.com



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Visit our download area.