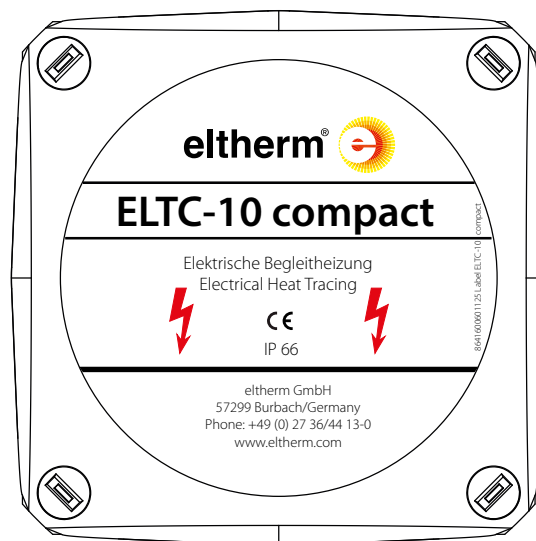


INSTALLATION MANUAL



ELTC-10 compact

eltherm GmbH

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BU 130
Revision 2

Particularly important points in this manual are marked by the following symbols:

**CAUTION**

indicates a potential dangerous situation. If it is not avoided, there is a risk of damage or malfunction.

**NOTE**

important information and instructions for safe, effective and environmentally compatible use.

DESCRIPTION & TECHNICAL DATA

DESCRIPTION

The ELTC-10 compact thermostat is ideal for frost protection applications of heating systems due to its design and temperature range of +5°C/+15°C.

Two 300 mm 1.5 mm² stranded wires are connected to a temperature sensor and this thermostat is encapsulated inside an M25 plastic cable gland by encapsulation with resin.

The thermostat is characterised by a high switching capacity and a high degree of IP protection.

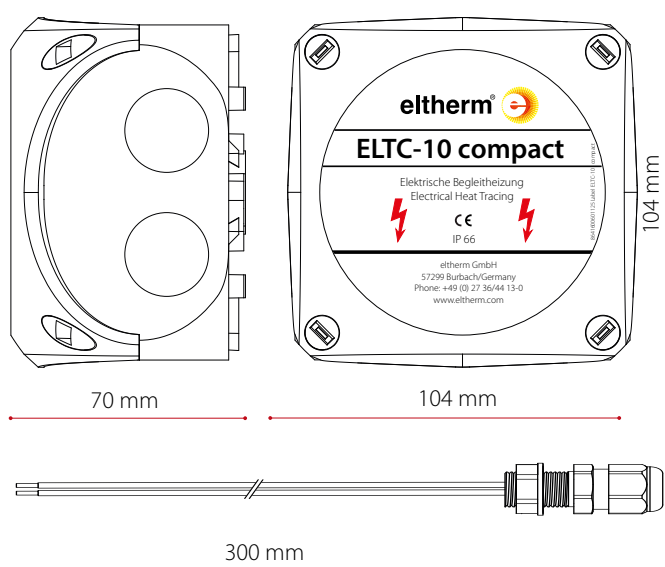
**NOTE**

The ELTC-10 compact contains metal and plastic parts. When disposing of the device, the legal regulations for disposal must be observed. Make sure that all components are disposed of in an environmentally friendly manner.

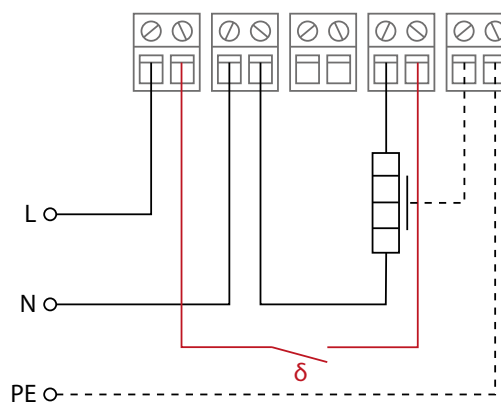
TECHNICAL DATA

Ambient temperature range:	- 20°C to +70°C
Nominal Voltage:	230 VAC
Nominal Current:	16 A Resistive heating cable 10 A Selfregulating heating cable
Switching range:	+5°C (ON)...+15°C (OFF)
Switching accuracy:	±3 K
IP degree of protection:	IP 66
Gland (Thermostat)	M25 x 1,5
Weight:	ca. 0,158 kg
Material enclosure:	PC (Polycarbonate)
Colour:	grey
Cross section wire:	1.5 - 6,0 mm ²

DIMENSIONS



WIRING DIAGRAM



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Autor

Installation and Operation of
ELTC-10 compact

Detlef Matthes

Revision: **2**

19.04.2022

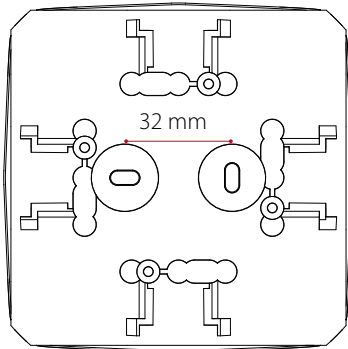
2. INSTALLATION



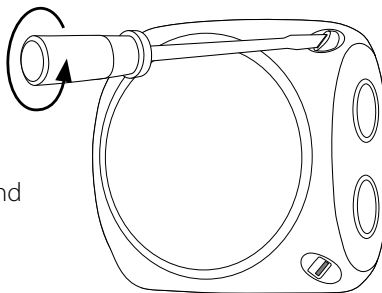
CAUTION

Before starting work on heating or connection lines or terminals, make sure that the corresponding circuit is switched off and secured against unintentional re-connection.

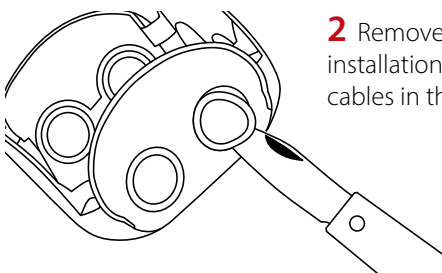
DRILL SHAPE



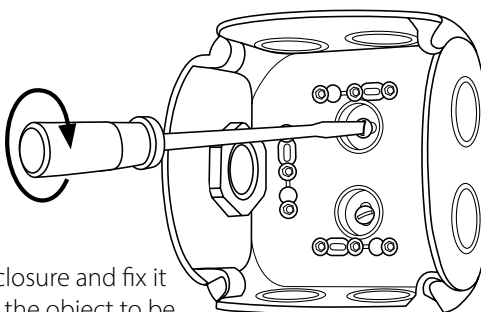
1 Open the enclosure and remove the cover.



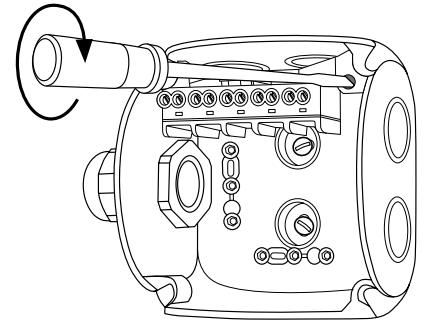
2 Remove the covers for the installation of the cables in the intended places.



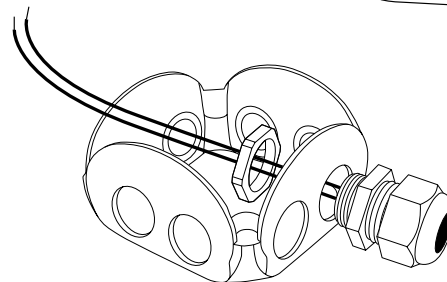
3 Align the enclosure and fix it to the wall near the object to be heated. Make sure that it is firmly fixed.



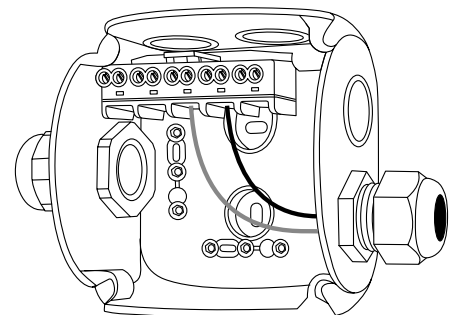
4 Fix the terminals in the enclosure.



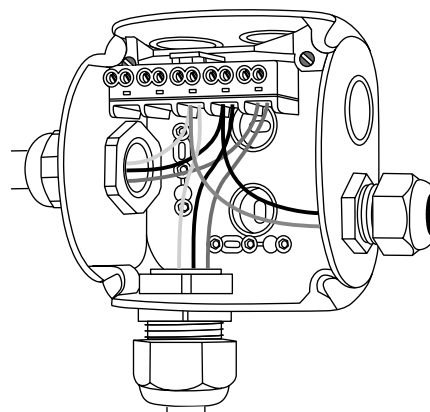
5 Install the thermostat.



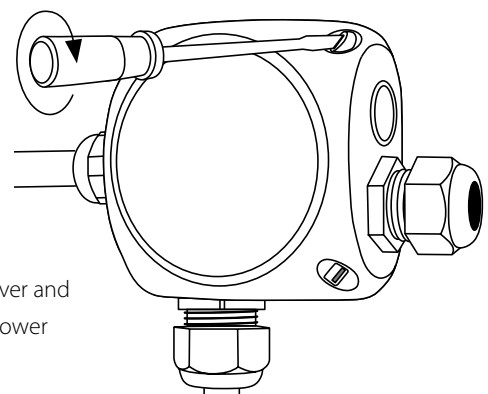
6 Connect the thermostat to the terminals.



7 Connect the power supply and the heating cable to the terminals.



8 Close the cover and switch on the power supply.



Reservation

We reserve the right to make technical changes. Changes, errors and misprints do not justify any no claim for compensation. For safety components and systems, the installation instructions and the relevant standards and regulations must be observed.



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