

At a glance

Applications



Frost protection

- Frost protection heating
- Building technology

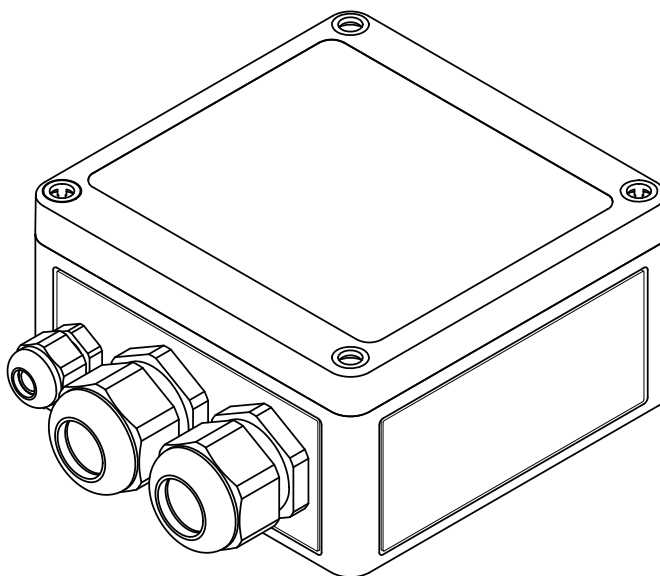
Advantages

- Easy assembly
- Splash-proof
- Fixed switching point

Approvals

ELTC-05 Frostcontrol

Frost Protection Thermostat



The electronic temperature controller of type series ELTC 05-Frostcontrol can be used either as a surface thermostat or as an ambient thermostat with remote sensor.

Cable glands and terminals are installed for the electrical connection. The device is delivered in a splash-proof plastic housing for wall mounting. If the controller is installed outdoors, it should be protected against direct sunshine.

For ambient thermostat mode, the sensor cable is shortened enough so that the sensor sleeve can be fastened inside the M12 screw connection.

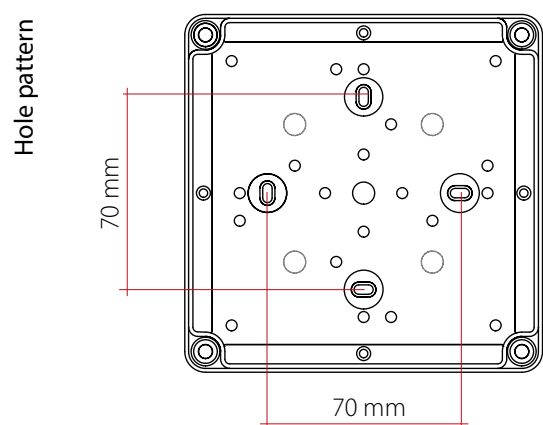
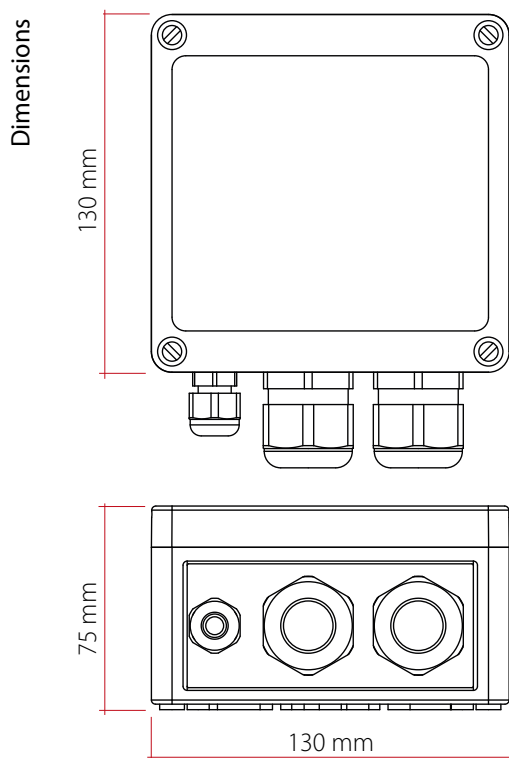
The sleeve should protrude about 15 mm.

Checklist

Versions		Item no.
ELTC-05	without Pt100; 1x relay 230 V AC	0610092
ELTC-05/1	incl. Pt100 with 5m PVC connection cable; 1x relay 230 V AC	0610002
ELTC-05/2	incl. Pt100 with 5m PVC connection cable; 1x relay 110 V AC	0610003
ELTC-05/3	incl. Pt100 with 5m PVC connection cable; 2x relay 230 V AC	0610005

Technical Specifications

Operating voltage	230 V AC, 50 Hz; 110 V AC, 50 Hz (depending on design)
Switching capacity	16 A N/O contact
Ambient temperature	-25°C up to +55°C
Storage temperature	-30°C up to +60°C
Setpoint temperature range	Permanently set to +3 °C
Switching hysteresis	1K
Tracer connection	Pt100, 2 wire
Display	LED on the PCB
Housing material	Polycarbonate
Housing dimensions	130 x 130 x 75 mm (WxHxD)
Protection	IP 65
Mounting	Wall mounting
Weight	approx. 0.5 kg



Ordering Information

Type	Item no.
ELTC-05	0610092
ELTC-05/1	0610002
ELTC-05/2	0610003
ELTC-05/3	0610005