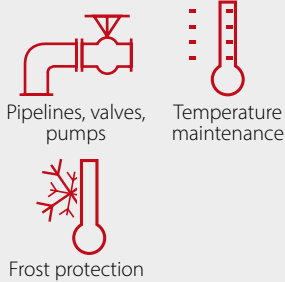




At a glance

Applications



- › Hot water heating
- › Building technology

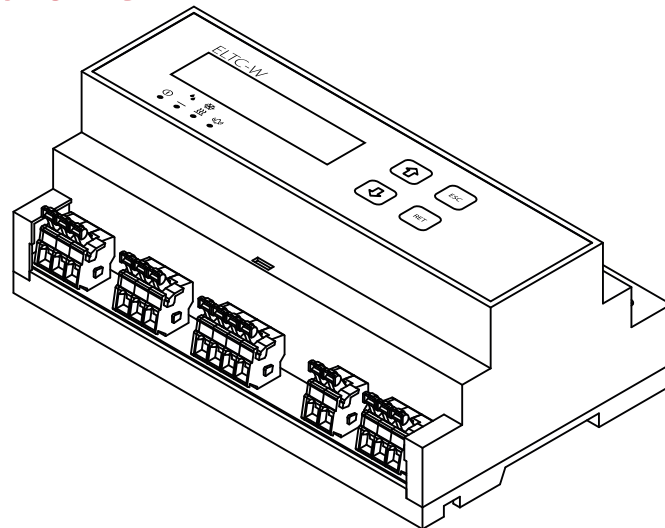
Advantages

- › Simple design and easy assembly
- › Energy-efficient
- › Maintenance-free
- › Protection against legionella bacteria
- › Long service life
- › Frost protection output

Approvals

ELTC-W

Electronic temperature controller



The ELTC-W is a power controller with timer function. Many user-friendly features and many preset parameters available for selection to ensure fast and easy installation, as well as reliable protection against legionella bacteria.

Thanks to the use of the Water Comfort System with the eltherm heating tape ELSR-W, a drinking water pipeline system can be operated without any additional circulation line, circulation pump, valve and accessories. With the Water Comfort System and electrical trace heating, warm water can be ensured in the entire drinking water pipeline system right up to the tap.

This leads to considerable savings in water and energy because the warm water is immediately available, not after all the cold water has already run out.

The Water Comfort System also takes up less space than the conventional circulation system. The return line does not have to be used and the heating tape is installed directly on the line.

This reduces assembly costs significantly and the system is also maintenance-free.

Two special features of the ELTC-W are the universal voltage supply and the additional input for 24 VDC. Another advantage is the additional frost protection output.

With electrical trace heating you can save up to 65% of your energy costs compared to a conventional circulation line system.*

* Sample system: 1/2" Pipes, heated length 10 m, 15 mm heat insulation, connected load of the pump 75 W, holding temperature 45°C, ambient temperature 15 °C.

Checklist

Temperature sensors

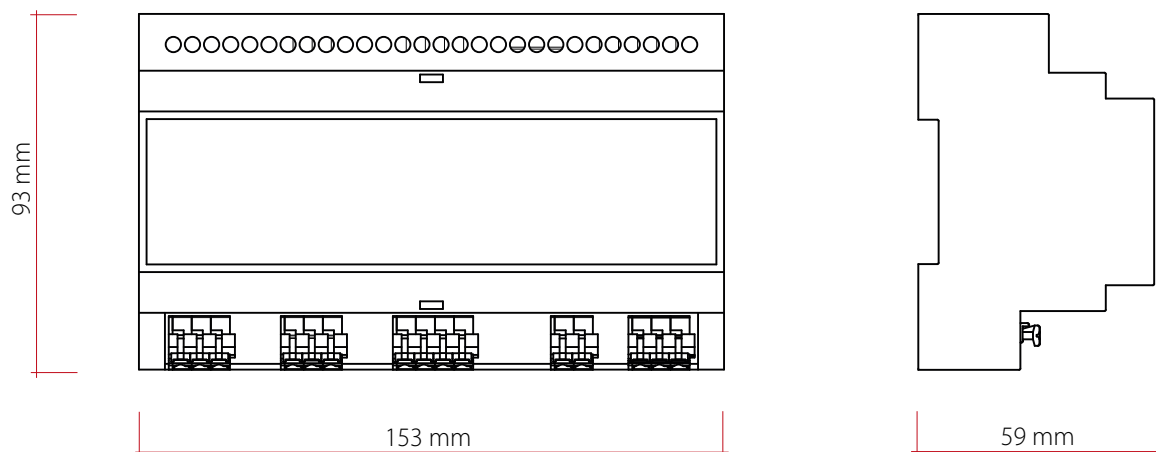
NTC sensor, cable PVC, length = 5 m

451K000105

Technical Specifications

Operating voltage	100 ... 230 V AC, 50 Hz (input A); 24 V DC $\pm$ 5 % (input B)
Power consumption	Max. 6.5 VA @ 253 V AC; max. 3.5 VA @ 230 V AC (standby)
Switching capacity	16 A N/O contact
Ambient temperature	-10 °C to +40 °C, max. 80% relative air humidity
Storage temperature	-20°C up to +65°C
Setpoint temperature range	-20°C up to +60°C
Tracer connection	2 x NTC sensor
Interface	RS 485
Display	LED red
Housing material	Polycarbonate, black
Housing dimensions	153 x 93x 59 mm (WxHxD)
Protection	IP 20
Mounting	DIN rail TS
Weight	approx. 0.3 kg

Dimensions



Ordering Information

Type	Item no.
ELTC-W	0630000