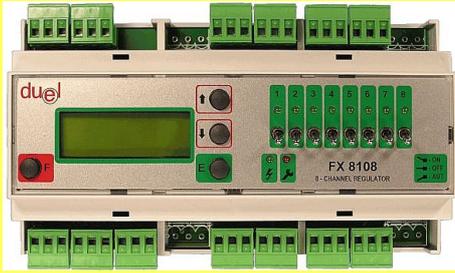




## Temperature controller FX8108

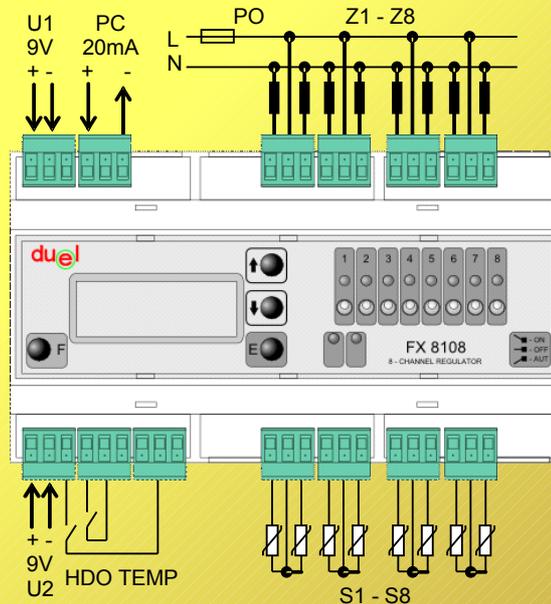


It is designed for automatic temperature control in 8 rooms. Each room is controlled independently of other users through the programmed temperature profiles. In this way regulation there are considerable energy savings, because it is heated only in those rooms, and only at that time, when necessary.

The controller can be used to control the radiators, floors, electric heating elements, gas heating elements, and s.o. at family houses, inns, hotels, schools, as well as industrial buildings.

FX8108 is part of the heating system EKOMAT, i.e. It can be connected to the PC, resp. to the Internet.

- Automatic operation
- 100 temperature profiles
- 8 sections in each profile
- Attenuation
- Antifreeze protection
- Reliability
- Connection to the PC and the Internet



L, N – main voltage  
Z1,...,Z8 – heating elements

U1, U2 – supply voltage  
PC – communication line

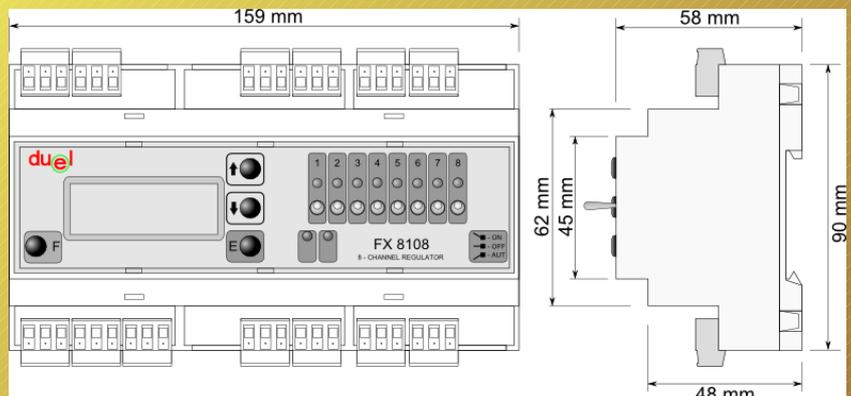
HDO – HI tariff  
TEMP – attenuation  
S1,...,S8 – temper. sensors

### Technical data

Supply voltage	2x 9 V=
Measure range	-25 ÷ 100 °C
Measure accuracy	± 0,5 K
Type of sensors	Pt1000
Number of inputs	10
Number of outputs	8
Max. outputs load	1A
Communication	active 20 mA current loop

### Operating conditions

Ambient temperature	5 ÷ 50 °C
Relative humidity max.	80% pri 30 °C
Air pressure	70 ÷ 106 kPa



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