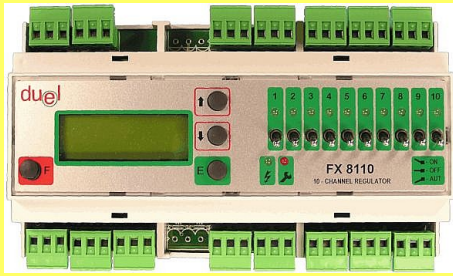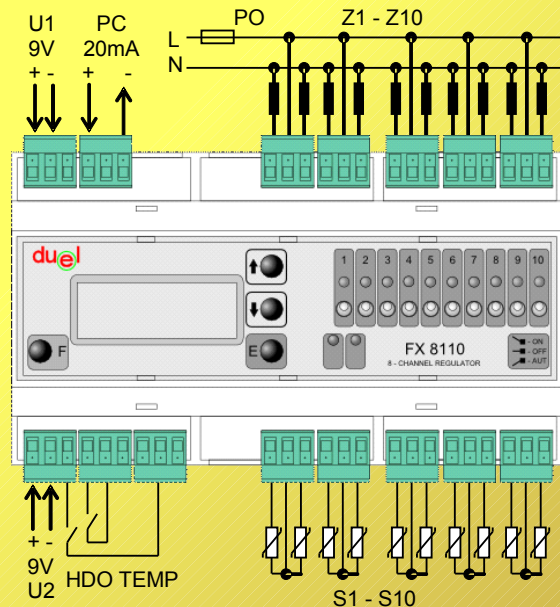# duel

Temperature controller FX8110

It is designed for automatic temperature control in 10 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.

FX8110 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,,Z10 – heating elements

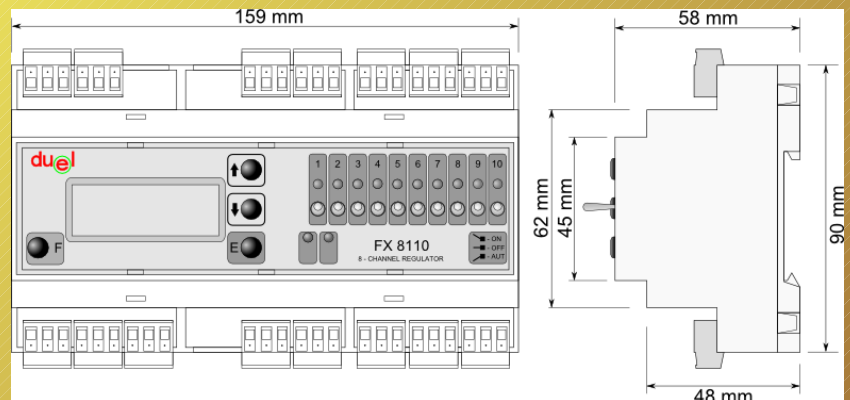U1, U2 – supply voltage
PC – communication line

HDO – HI tariff
TEMP – attenuation
S1,.,S10 – 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	12
Number of outputs	10
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

tel: +421 43 5591092
fax: +421 43 5591091
DUEL Námestovo s.r.o., Florinova 928/9, 029 01 Námestovo

duel@duel-ltd.sk
www.duel-ltd.sk