Home PLC panel

Using PROGRAMIX, students automate a house with the PLC. This easy-to-use software offers a wide range of user-friendly functions: clock, timer switch, counter, etc. The "Simulation" function tests the programme before it is used for real.

Features of the base
- Base on large wheels
- easy to move.
- Dim. L x W x H: 1500 x 690 x 1980mm
- Melamine surface: 1200 x 1700mm
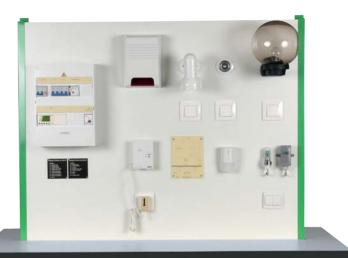
Components located on the panel
- A modular table with protective devices (30mA).
- 1 PLC
- 3 lighting circuits (outside, living room and kitchen)
- 1 dusk-to-dawn switch with its own cell
- 1 500W convector
- 1 adjustable thermostat
- 1 external temperature probe
- 1 electric roller blind with Up/Down switch
- 1 intrusion detector and 1 siren
- 1 remote telephone transmitter
- 1 remote telephone set

Features of the programmable interface
- 12 inputs
- 8 dry contact outputs
- 1 local programming and status display
- 1 CD-based programming software package
- 1 RS232 lead between the PC and the programmable

- Panel supplied with a full wiring diagram and all of the detailed instructions for each component.
- The items on the panel may be different from one series to another depending on manufacturer alterations.

ref. PROGRAMIX-C

PROPOSED HOME AUTOMATION SCENARIOS
- *Closing the blind and switching on the heating if the external temperature drops.*
- *Remotely controlling the alarm, the lighting and the blind, by telephone.*
- *Controlling the lighting and roller-blinds so it looks as if the house is occupied*
- *Controlling the lighting and roller-blinds depending on how bright it is outside*
- *A range of other scenarios are also possible*

ICO cables (placed between the 2 melamine plates that the panel comprises) connect the components together.

IMPORTANT: *The panel is fitted with a stand-alone telephone line. Commands sent from the telephone set that is supplied with the system are not routed via the school's telephone network or via the public telephone network.*