

HOME
SAPIENS

BROCHURE

HOASIS

HOME AUTOMATION FOR EVERYONE

The future always gets here earlier than we think

bpt
technological sign

The simplest way to discover home automation is branded Bpt.



A new comfort concept, not just physical but, above all, emotional.

The **HOMESAPIENS** which represents the home automation products of Bpt, is the answer to these needs. With **HOMESAPIENS**, of which **HOASIS** is the first link in the chain, designing and managing a really “smart” building becomes a universally affordable reality.

HOASIS: simply touch the control terminal's touchscreen to call up the services you are interested in. A series of miniaturized interface devices, installed around the home in patress boxes or Din panels, can handle the most common controls and traditional actuators: so you have **control of the lighting system**, can automate awnings and rolling shutters, control temperature in each zone, **switch watering on and off**, prevent water and gas leaks... **Functions are programmed directly via the terminal**, without having to mess about with wiring or move setup jumpers. Never before has anybody managed to make the dream of a home that responds to commands quite so real: **a real interactive home.**

OH/T EN Control terminal

PRODUCT CODE: 6720-0300



General features

Display: graphic backlit LCD touch screen
N° heat zones: up to 8

Home automation zone features

N° automation zone: up to 32*
Timers: up to 16 programmables
N° scenarios: 3 (entry/exit/night)

* The zones used for managing the heating/cooling system must be subtracted from this total

OH/A Power supply unit

PRODUCT CODE: 6700-0100



General features

Power supply: 230V 50/60 Hz protected electronically
N° relays: 4 250 V max 5A
Type of input contacts: NO and NC, with no through current or voltage at ends.
Dimensions: low-profile 8-unit module for installation on DIN rail

OH/R Relay module

PRODUCT CODE: 6760-0100



General features

N° relays: 4
Relay type: max. 250 V, max. 5A with resistive load (max with inductive load)
Type of input contact: NO and NC, with no through current or voltage at ends.
Dimensions: low-profile 6-unit module for installation on DIN rail

OH/Z.o2 Zone module

PRODUCT CODE: 6720-0220



General features

Display: graphic LCD
Dimensions: standard 3-module patch box
Operating mode: Manual, Automatic, Zone off
Frost-protection: +8°C

OH/6I 6-input module

PRODUCT CODE: 6760-0200



General features

Type of input contact: NO and NC, with no through current or voltage at ends
Dimensions: low-profile 1-unit module for installation on DIN rail

OH/RI Module with 1 relay 3 inputs

PRODUCT CODE: 6760-0300



General features

Type of input contact: NO and NC, with no through current or voltage at ends
N° relays: 1
Relay type: max. 250V, max. 5A with resistive load (max. 2A with inductive load) – NO contact
Dimensions: low-profile 1-unit module for installation on DIN rail

OH/RP 1-relay module

PRODUCT CODE: 6760-0400



General features

N° relays: 1
Relay type: max. 250V, max. 16A with resistive load (max. 5A with inductive load) – NO contact
Dimensions: low-profile 1-unit module for installation on DIN rail

OH/2RP 2-relay expansion module

PRODUCT CODE: 6760-0500



General features

N° relays: 2
Relay type: max. 250V, max. 16A with resistive load (max. 5A with inductive load) – NO contact
Dimensions: low-profile 1-unit module for installation on DIN rail

OH/MA Automation module

PRODUCT CODE: 6760-0600



General features

Type of input contact: NO and NC, with no through current or voltage at ends
N° inputs: 3
Relay type: max. 250V, max. 16A with resistive load (max. 5A with inductive load) – NO contact
N° relays: 3
Dimensions: low-profile 1-unit module for installation on DIN rail

Guaranteed Security, comfort assured.

THE ADVANTAGE OF HAVING 16 READY-TO-USE TIMERS

16 timers can be programmed by means of the terminal and used to control actuators so that they activate at the desired time. Offering convenience and cost savings compared to installing external timer devices.

GREAT COMPATIBILITY

The miniaturized devices allow the system to interface with the traditional controls usually used in homes (switches, sensors, pushbuttons) and with actuators (electric motors, lights). This means no special equipment is required.

PROGRAMMING: "MISSION POSSIBLE"

By means of the software, programming is carried out directly on the terminal, through the bus, without dip switches or setup jumpers. Altering functions, therefore, does not involve any physical tampering with any of the system's elements.



HOASIS LIGHTS UP THE GARDEN

You can control any kind of lighting, determining how long it stays on with a timer. Perfect for creating lighting effects.



HOASIS SWITCHES ON THE IRRIGATION SYSTEM

You can create a system, without having to purchase an expensive irrigation system, specifying watering times for each individual zone.



HOASIS WELCOMES YOU HOME WITH PROGRAMMED SCENARIOS

All activations that are controlled individually when you enter or leave the house can be operated conveniently all at once, at the touch of a button. There are three scenarios and you can program them to determine which electrical devices each must activate.





HOASIS CONTROLS TEMPERATURE THROUGHOUT THE HOME

Develop a system of heating zones, you can check temperature in each and alter its state if you need to. Up to 8 zones.



HOASIS PREVENTS GAS AND WATER LEAKS

The system can be interfaced with water and gas distribution systems so that delivery is automatically cut off when you go out (for example, with the "EXIT" scenario). A simple, automatic control for improving safety in the home.



HOASIS OPENS AND CLOSES AWINGS AND ROLLER SHUTTERS

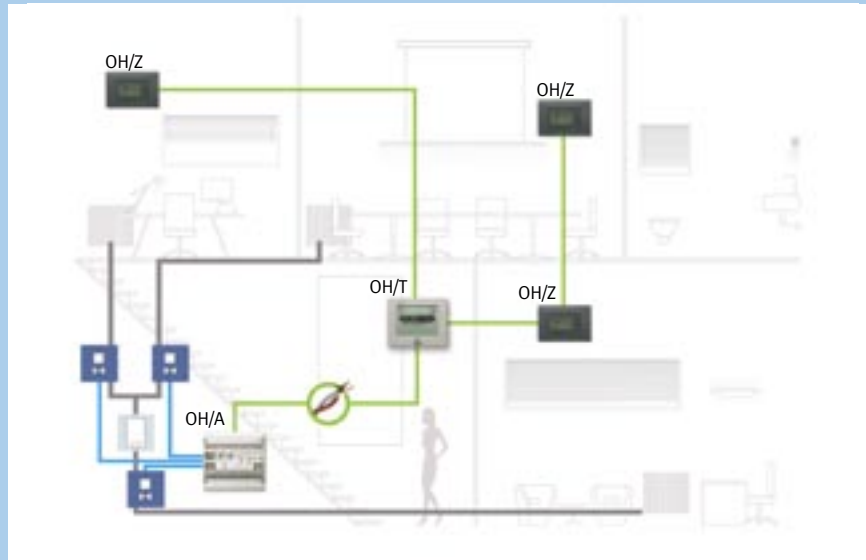


You can program a sequence of opening/closing times by switching on automatic devices at different times so as not to overload the electrical system, or by stopping motion part way, using the available timer features.

Multi-zone temperature control.

Via this application, you can:

- Program and check temperatures in each zone.
- Change the temperature of each zone.
- Change the time and date of each zone module automatically when switching to/from daylight saving time.
- Via each zone module, you can switch to manual mode and adjust temperature by up to $\pm 2^{\circ}\text{C}$.



SOLENOID VALVE



BOILER

2 wire bus

Electrical loads

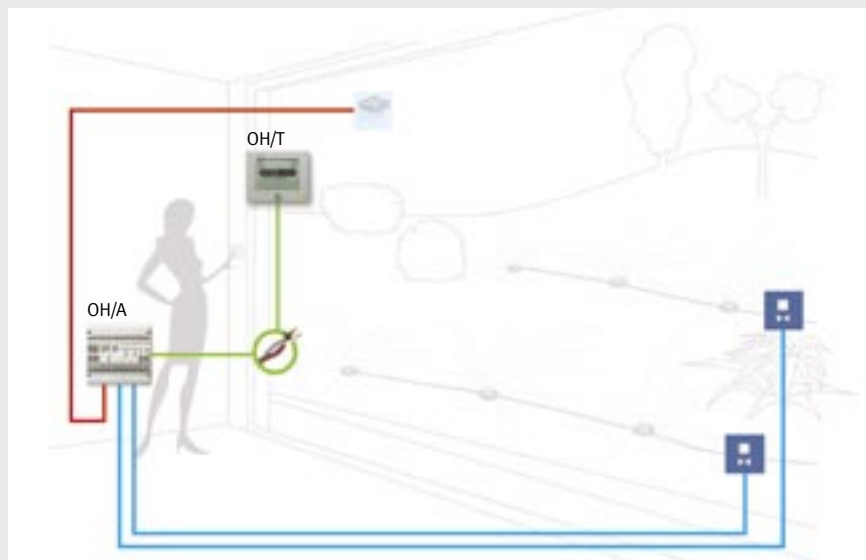
Electrical system wiring

Irrigation system

Via this application, you can:

- Activate/deactivate individual watering zones manually via the terminal.
- Switch on all sprinklers at the same time (if water flow is sufficient).
- Automatically switch on each individual watering zone according to a customizable program based on the needs of each.
- Disable the activation of all devices in the event of bad weather: this is possible if you have a rain detection system or weather station connected.

Hoasis takes the place of expensive timer devices, making the system more economical and functional.



SOLENOID VALVE



WEATHER STATION

Commands

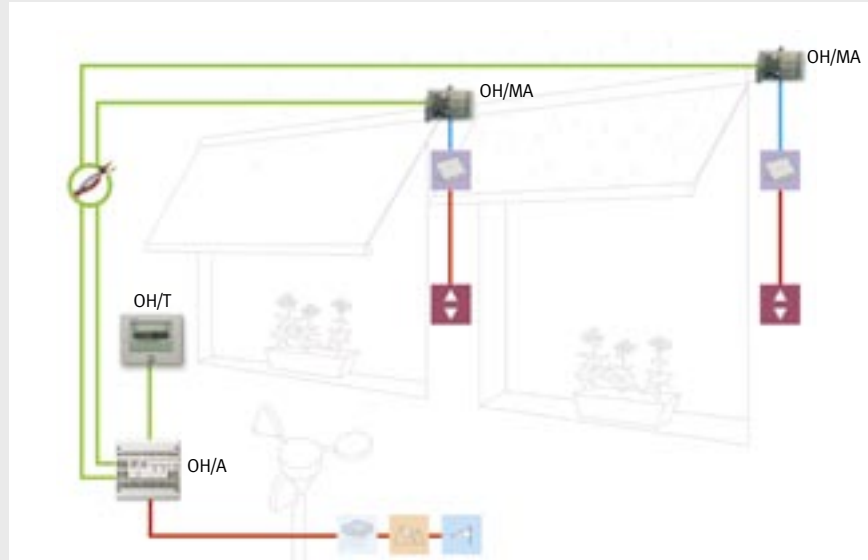
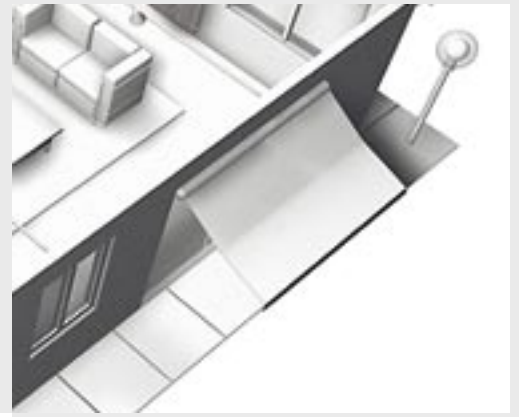
2 wire bus

Electrical loads

Awning automation.

With this setup, you can:

- Raise and lower awnings manually on site with the classic interlocked pushbuttons.
- Set all awnings to open and close in sequence at preset times*.
- Lower all awnings automatically at a certain time of day or when certain light conditions are detected by the twilight sensor connected to the system.
- Have all awnings retract when weather is bad, according to commands resulting from the weather station's readings.



UP/DOWN



BAROMETER



TWILIGHT SENSOR



AWINGGS



WIND SENSOR

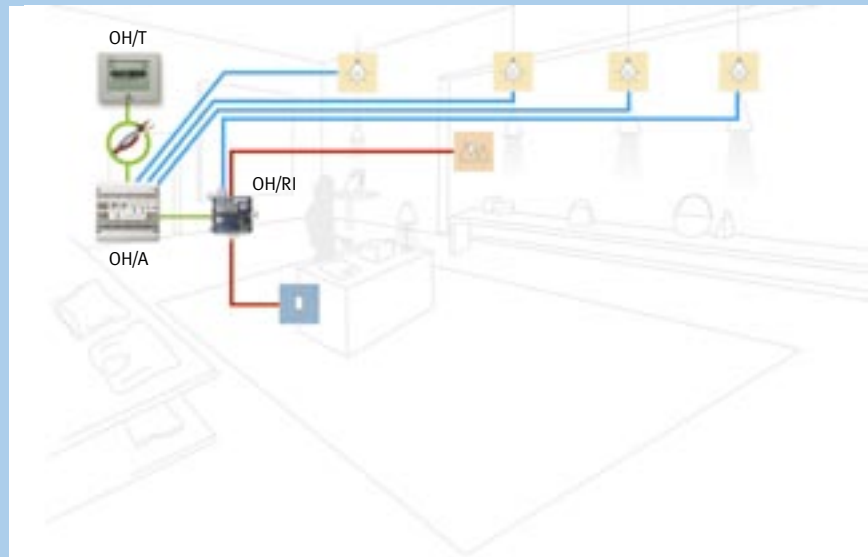
* NOTE. It is presumed that if you are using awnings, they are fitted with safety devices. Make sure the system features automatic limit switches and/or a detection and stopping system to stop motion when an obstacle is encountered.

— Commands
— 2 wire bus

Inside lighting.

With this setup, you can:

- Control all light fixtures from a single location.
- Control light fixtures locally using the relevant buttons.
- Set light fixtures to come on automatically (for instance, shop windows) at times preset with OH/T and when triggered by a twilight sensor.
- Switch all lights on and off by means of the ENTRY and EXIT scenarios, programming the sequence so as to create an attractive effect.



ON/OFF



LIGHTING



TWILIGHT SENSOR

— Commands
— 2 wire bus
— Electric charge



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