



**DOMINTELL BİNA OTOMASYON**  
**ve**  
**AKILLI EV SİSTEMLERİ**  
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## INTRODUCTION

### A new way of life

Techniques associated with electricity in buildings have advanced in 15 years

At Domintell, as developers, manufacturers and distributors, we are fully aware of today's requirements and are capable of anticipating the future.

That is why we speak of **evolutionary electricity** (or home automation). Your electrical installation can grow with time. Your house should be equipped according to your requirements, both for security, comfort and economy.

In fact, you are invited to « **look after your well-being** ». Starting today, think about tomorrow.

### Home automation

Home automation can be described as being a technique for the management of technology in the home in order to improve the quality of life and well-being of its occupants.

That is why home automation is no longer a luxury, but an intelligent management tool. With it, you can control all the functions of your home: lighting, household equipment, shutters, alarms, etc., to exploit all their possibilities, and all remotely. You can ensure your security and avoid wasting energy. With home automation, your well-being is in your hands, today and tomorrow.

# Domintell means your well-being at home

## Security

Thanks to electrical developments, the principle of prevention is possible by simulating your presence. The system analyses your living habits in the house (turning the radio, television, lamps, etc. on and off) and reproduces them at your request when you are away. That is sometimes enough to dissuade people from entering your property.

If required, the alarm will operate, with possibly further surprises for the intruder: all the lights turning on, the shutters going up, etc. The DOMINTELL system allows you to create all types of scenario simply.

Security also begins with the assurance that you have turned off everything you want to when you leave home (for example, not leaving an electric heater on, or a deep fryer on, etc.)

Security also means being warned in the event of a flood or fire. A judiciously located sensor will warn you by GSM of any fault.

## Bio compatibility

We live surrounded by electrical waves and in a house, we are permanently subjected to them. The switch by your pillow, the bedside lamp, the bed with its electric blanket, etc. are certainly emitting electrical waves.

The solution is to switch off the current, which is not simple with traditional electrical systems. With the DOMINTELL system, all harmful currents are switched off at the switchboard. With one click, you can switch off all the lights in the house when you go to bed.

No more harmful waves

## Comfort

There are many examples and your ideas can easily be realised with the DOMINTELL system.

Yes, you really can switch on your percolator automatically.

But you can also heat the bathroom at the right time.

How useful to be able to control the indirect lighting (table lamps, etc.) remotely!

You are having friends round and with one action, the right mood is created, each lamp in the room is adjusted to the correct luminous intensity.

The lighting comes on gradually: in the morning to wake up gently or at night, if required

## Some examples:

- A dimmer can be fitted in childrens' bedrooms.
- The clock controls the extractor fan in the bathroom.
- The garden sprinkler is automated...
- The video recorder is switched on and tuned in any room.
- Elderly people are reassured by the surveillance mechanisms.



## ENERGY SAVING

**The principle** is simple: do not use electricity wastefully in the home, it is dangerous and costs money.

You can see just as well if you reduce your light level to 90%, but it means a saving of 10%.

A 500 Watt lamp in the garden cannot be accidentally switched on.

Heating is optimised. Each room is controlled to your requirements, at the correct time and at the correct temperature.

All electrical heat storage equipment can be connected to the night meter. Water heated at night is 50% cheaper.

All these methods of operation will enable you to make substantial economies in use.



## ASSISTANCE FOR THE DISABLED

When moving around the house is difficult, it becomes very important to control everything remotely, whether by means of an infra-red or radio frequency control or by a computer.

Because the Domintell system, interfaces with the various controls used by the disabled, total control of the house becomes possible.

## PRINCIPLE OF OPERATION

**Technically, the principle is simple: control cables (switches) are energized at low voltage (12 volts) compared with the power cables that supply all power equipment, i.e consumer equipment: from the central heating boiler to the lights, the automatic shutters, the sockets, the hi-fi, etc.**

From the control module, you can send any command to the power equipment (for example: raise the shutters automatically from a single switch or a light sensor).

**From anywhere, you can control all the functions you want in your house, even via GSM or a telephone line.**

## WIRING THE INSTALLATION

The RS 485 bus links all the input/output modules. The modules may be located in any position on the bus. The bus carries the data and the low voltage power supply that operates the electronics of the various modules.

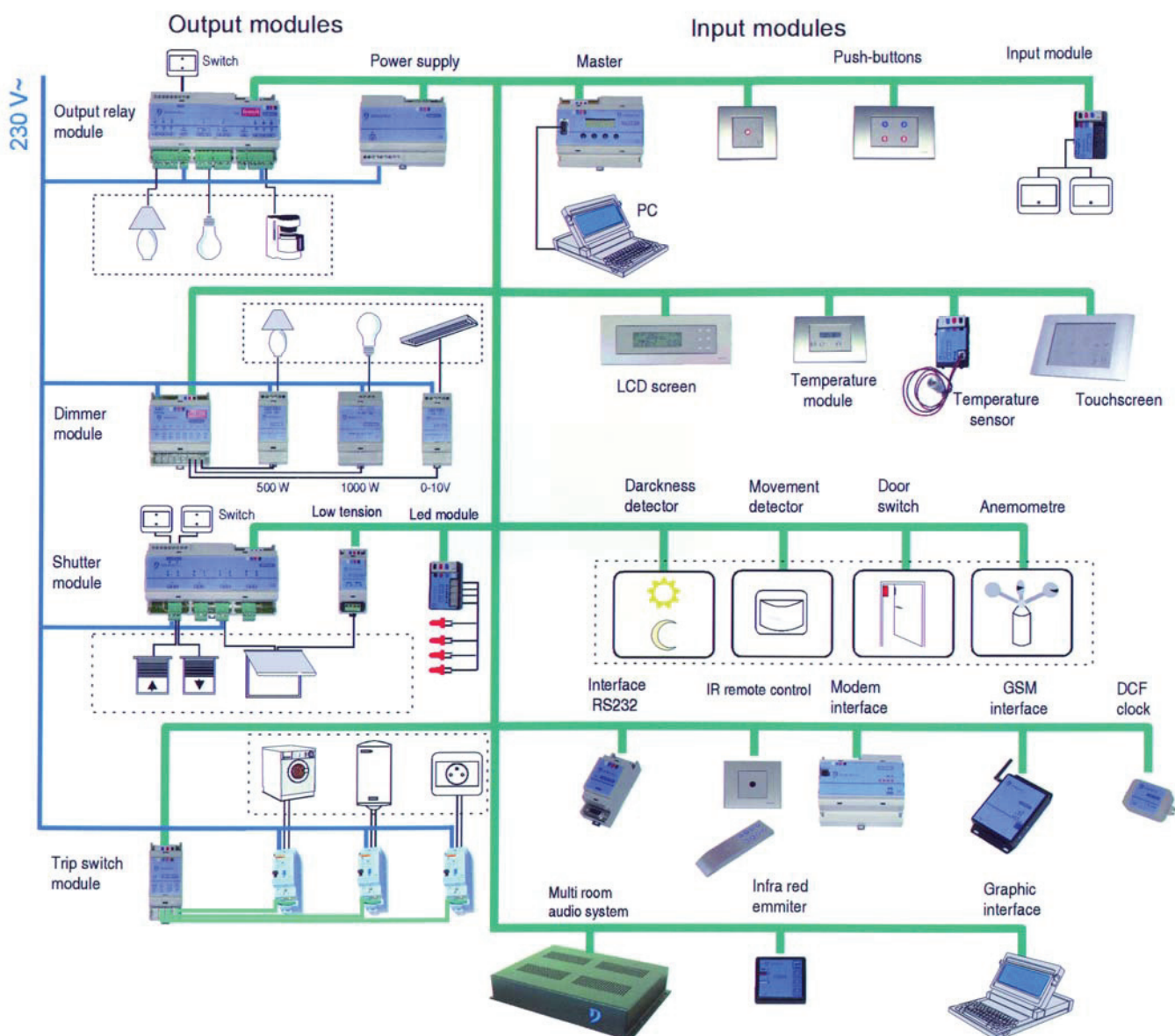
It is strongly recommended that you use Domintell cable. However, if another cable is to be used, it must comply with the following specifications:

One pair, twisted or not (power supply) cross section 1 mm<sup>2</sup>, maximum resistance 35 ohm/km.

One twisted pair (data), cross section 0.8 mm<sup>2</sup>, maximum resistance 75 ohm/km, characteristic impedance 100 ohm, mutual capacitance 48 pF maximum, attenuation at 1 Mhz 2.1 dB maximum.

All modules are fitted with rapid plug-in connectors to enable rapid connection or replacement of a module.

The mains power supply cabling to and from the output modules is installed according to general electrical principles and standards. Two-pole switches are always used. You may refer to the technical and wiring diagrams described in the data sheets for the various modules.





## CATALOGUE OF PRODUCTS

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**DGQG01****MASTER**

Central computer controlling the complete system equipped with the latest generation of processor.

An internal real time clock for programming time delays, times and any other functions associated with time.

A direct PC connection to the central unit by USB to display the inputs/outputs but also for programming all the advanced functions of the system.

Intelligent presence simulation is also included.

**Characteristics:**

- Power supply: from the BUS.
- Consumption: 100 mA.
- Dimensions: L-105 mm (6 modules).
- Mounted on Din rail.
- Back-lit LCD screen.
- Max. number of modules handled by the Master: 600.
- USB input.
- Manual programming possible (clock, etc.) using 4 keys.
- Connection of Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DALI01****POWER SUPPLY**

Card providing a power supply for all the modules on the BUS. This card is powered by a voltage of 230 Vac.

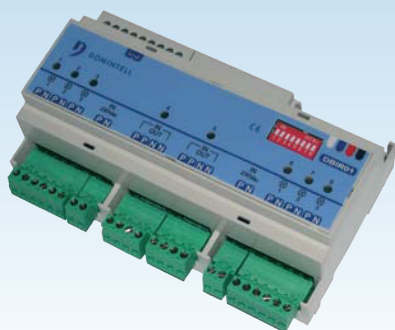
It is **essential** to fit a power supply in each electronics unit.

The output of the power supply enables 8 output cards to be connected.

**Characteristics:**

- Power supply: 230 Vac.
- Power: 12 Vdc/2.5 A.
- Dimensions: L-105 mm (6 modules).
- Mounted on Din rail.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».



**DBIR01****OUTPUT CARDS WITH 8 TWO-POLE RELAYS**

Output card to control 8 250 V/8 A two-pole relays. The card is fitted with a micro-switch to select the relays which can be controlled by a switch without the presence of the Master. Connection of the Bus is by means of a rapid 4x4x1 mm<sup>2</sup> connector.

The module is also fitted with leds to display the status of the relays. The power connection is by means of unpluggable connectors with screw terminals for 2x1.5 mm<sup>2</sup> or 1x2.5 mm<sup>2</sup>.

**Characteristics:**

- Power supply: 230 V.
- Consumption: 400 mA/card. (All outputs active).
- Dimensions: L-160 mm (9 modules).
- No. of outputs: 8 8 A/250 V outputs.
- 4 different power supplies possible.
- Unpluggable connector technology.
- Max. power/card: see diagram in annex.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus is by 4 x 1 mm<sup>2</sup> "Quick connections".

**DDIM01****DIMMER INTERFACE MODULE**

Output card for controlling 1 to 8 500 or 1000 W dimmers or module 0-10 V 1-10 V.

The dimmer enables any type of lighting atmosphere to be created.

Brightness levels are defined by the software and the user can, by simply pressing a button, recreate any atmosphere.

A classical dimmer function is also possible. A single push activates the dimmer, a long push varies the intensity, and a short push switches them off.

**Characteristics:**

- Power supply: 230 V.
- Consumption: 150 mA/card.
- Dimensions: L-70 mm (4modules).
- No. of outputs: 8 outputs.
- T° of operation: -10 °C to 50 °C.
- Connection of the Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».



### DD-500



500 W dimmer module with rapid connection to the DDIM01 card.

The dimmers can operate all types of load, incandescent, 220 V halogen, transformer, etc.

#### Characteristics:

- Power supply: 230 Vac.
- Dimensions: L-35 mm 500 W (2 modules).
- Unpluggable connector technology.
- Mounting on Din rail.
- T° of operation: -10 °C to 50 °C.
- Connection to **DDIM01** using cable supplied.

### DD-750



750 W dimmer module with rapid connection to the DDIM01 card.

The dimmers can operate all types of load, incandescent, 220 V halogen, transformer, etc.

#### Characteristics:

- Supply : 230 Vac
- Dimensions : L-52.50 (3 modules)
- Output power : 750 W
- Fixation on Din rail
- T° of use : -10°C à 50 °C
- Connection on DDIM01 with furnished cable.

### DD-1000



1000 W dimmer module with rapid connection to the DDIM01 card.

The dimmers can operate all types of load, incandescent, 220 V halogen, transformer, etc.

#### Characteristics:

- Supply : 230 Vac
- Dimensions : L-70 (4 modules)
- Output power : 750 W
- Fixation on Din rail
- T° of use : -10°C à 50 °C
- Connection on DDIM01 with furnished cable.

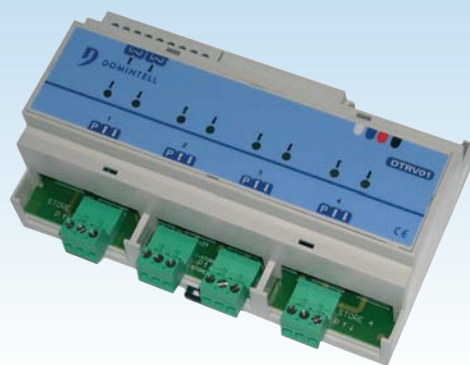
### DD10V



Control module for 0/10 V or 1-10 V speed controllers and 0/10 V electronic ballast.

#### Characteristics:

- Power supply: 230 Vac.
- Dimensions: L-35 mm 0/10 V – 1/10 V (2 modules).
- Unpluggable connector technology.
- Mounting on Din rail.
- T° of operation: -10 °C to 50 °C.
- Connection to **DDIM01** using cable supplied.



Control card with from 1 to 4 3 channel outputs. For controlling valves, motors, shutters, etc., consists of 8 250 V-8 A relays.

Ability to connect 2 switches for manual control of the relays.

Connection of the Bus is by means of a rapid 4x4x1 mm<sup>2</sup> connector.

The module is also fitted with display leds showing the status of the relay.

The power connection is by means of unpluggable connectors with screw terminals for 2x1.5 mm<sup>2</sup> or 1x2.5 mm<sup>2</sup>.

### Characteristics:

- Power supply: 230 V.
- Consumption: 400 mA/card. (All outputs active).
- Dimensions: L-160 mm (9 modules).
- No. of outputs: 8 8 A/250 V outputs.
- 4 different power supplies possible.
- Unpluggable connector technology.
- Max. power/card: see diagram in annex.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».

## FUNCTIONS AVAILABLE WITH THE DTRV01 CARD :

### Type of configuration

- UP
- DOWN
- UP CONTINUOUS
- DOWN CONTINUOUS
- SHUTTER FUNCTION

### Example of push button operation for opening and closing.

#### Shutter function:

The control push buttons can be used in two modes of operation.

(Short push/long push)

The push buttons can be connected in parallel.

A short push raises or lowers the shutter with a particular time delay.

A short push raises the shutter, a second short push stops it and a third reverses the direction of the motor.

A long push raises or lowers the shutter with continuous operation.

A long push raises the shutter continuously.

When the push button is released, the shutter stops.

A second long push lowers it continuously and it stops when the button is released.

### Example of operation with two push buttons for opening continuously with time delay.

#### UP Fonction:

A short push raises the shutter for a period determined by the time delay.

Pressing the push button again stops the shutter.

A third push raises the shutter again for the period of the time delay.

If the time delay is set to zero, this function does not operate.

#### DOWN function:

Same as for the UP function but this time for lowering.

#### CONTINUOUS UP Function:

A short push raises the shutter with a time determined by the time delay, while a long push operates the shutter continuously, which means that the shutter stops when the push button is released.

#### CONTINUOUS DOWN function:

Same function as above but with lowering of the shutter.

**DTRVBT01****MODULES LOW TENSION MOTORS**

Output card 1 output for the control of motors, valves, shutters e.g Velux a.s.o, with low tension from 12 to 24 V.

**Characteristics:**

- Supply DC between 12 Vac et 24 Vac accordind to charge and tension of the motor.
- Outputs number : 1
- Dimensions : Rail din L35 (2 modules)
- Consumption : 65 mA
- T° of use : -10°C à 50°C
- Connection on theBUS by « Quick connection ».

**DTRP01****TRIP SWITCH INTERFACE MODULE**

Output card for the control of 1 to 4 trip switches. Currently reserved for the connection of trip switches marketed by our company. Several cards can be connected.

**Characteristics:**

- Power supply: from the BUS.
- Dimensions: 35 mm (2 modules).
- No. of remote switches: 4/card.
- Consumption: 500 mA at switch-on.
- Type of trip switch: Merlin-gerin with auxiliary.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DTRP02****LOW VOLTAGE DC MOTORS**

Output card for the control of 2 x 2 inverted trip switches for Dc low tension motors for heavy charges.

**Characteristics:**

- Dimensions : L 35 (2 modules) DIN Rail
- Connection 2 x 2 tripswitches TL1001
- Consumption : 100 mA on 1.2 A /tripswitch.
- T° in use -10 °C à 50 °C
- Connection on the Bus by « Quick connection ».

**TL2001****TWO-POLE TRIP SWITCH**

Two-pole mechanical relay, controlled by means of the DTRP01 module.

Manual control on front face by lever 0- I.

**Characteristics:**

- From 12 to 230 V.
- I<sub>max</sub> 2 x16 A.
- Capacity: 1.5 module.

**TL1001****TWO-POLE TRIP SWITCH**

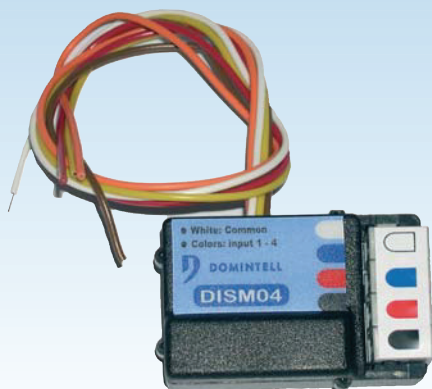
Mechanical trip switches used in pairs for the control of motors in two directions.

Manual control on front face by lever 0- I.

The first phase of the motor for the first direction of rotation is connected to the first trip switch of the pair and the second phase to the other trip switch. See the attached wiring diagram.

**Characteristics:**

- From 12 to 230 V.
- I<sub>max</sub> 2 x16 A.
- Capacity: 1.5 module.

**DISM04 and DISM08****INPUT MODULE**

Communication module.

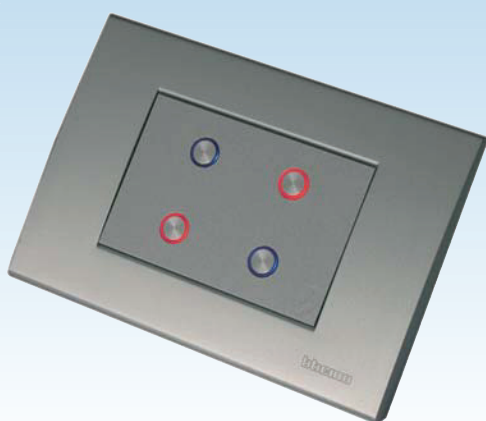
This module permits the direct connection of 1 to 4 push buttons (DISM04) or from 1 to 8 push buttons (DISM08) or any other inputs, detectors, etc. Each ISM has a unique number which enables it to be recognised by the Master.

Connection of the Bus is by a 4x4x1 mm<sup>2</sup> rapid connector.

The ISM can be wired in Bus or in star.

**Characteristics:**

- Power supply: from the BUS.
- Dimensions: 46x28x15 mm.
- Max. connections: 4 or 8 BP.
- Consumption: 10 mA.
- Type of cable between the ISM and the BP: « alarm, tel, .etc. » type.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DPBU01- - 06****PUSH BUTTONS**

Push buttons with indication of output status.

There are 4 types of module, 1, 2, 4 and 6 push buttons with leds.

Connection of the Bus is by a 4x4x1 mm<sup>2</sup> rapid connector.

The rim of the PB changes from blue to red depending on the output status.

**Characteristics:**

- Power supply: from the Bus.
- Dimensions:
  - 1 push button : 2 Bticino modules - consumption 20 mA
  - 2 push buttons : 2 Bticino modules - consumption 30 mA
  - 4 push buttons : 3 Bticino modules - consumption 50 mA
  - 6 push buttons : 3 Bticino modules - consumption 70 mA
- Two-colour leds included.
- Direct connection to the Bus.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DLCD02****LCD DISPLAY MODULE**

Module displaying the status of all the outputs and the temperature from the sensors connected to the the BUS.

It also permits control of all the outputs as well as changes to certain parameters.

It also has two free programming push buttons.

It allows among other the measure and the control of the room temperature

**Characteristics:**

- Power supply: from the BUS.
- Screen: back-lit with 4 rows of 20 characters.
- Dimensions: L-155x45 mm.
- Mounting: Bticino Light or Living mount (7 modules).
- Consumption: 60 mA.
- T° of operation: -10 °C to 50 °C.
- Connection of the Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».
- Screen: graphic- back light blue.
- Using possibilities of the thermostat +5 °C à 40 °C.
- Resolution of 0.1° C.

**DTSC01****TOUCH SCREEN**

Back-lit touch screen for the display and control of home automation points and the setting of certain functions (temperatures, clocks, etc.).

It also includes a temperature sensor and a 32 channel infra-red receiver.

Various functions are possible with this screen:

- Status display of the outputs by a series of icons stored in its memory.
- Sending and receiving SMS.
- Managing the temperature sensors.
- Controlling all points of the installation.

**Characteristics:**

- Power supply: from the Bus.
- CCFL Back Light.
- Resolution: 320X240 pixels (QVGA).
- MONOCHROME.
- Consumption: 320 mA.
- Dimensions: 190 x 135 mm.
- T° of operation: 5 °C to 40 °C.
- Connection of the Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».
- Mounted in a housing box DTSCBOX.

**DTSC03****TOUCH SCREEN COLORED**

Back-lit touch screen for the display and control of home automation points and the setting of certain functions (temperatures, clocks, etc.).

It also includes a temperature sensor and a 32 channel infra-red receiver.

Various functions are possible with this screen:

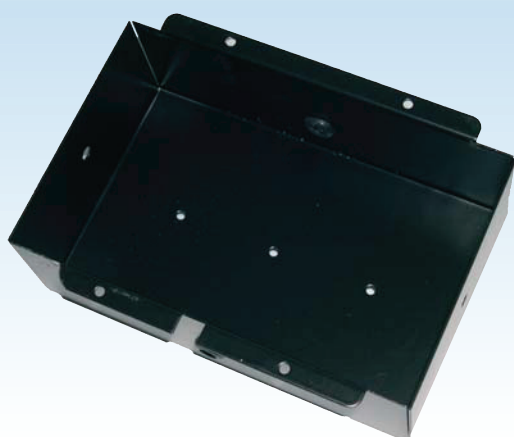
- Status display of the outputs by a series of icons stored in its memory.
- Sending and receiving SMS.
- Managing the temperature sensors.
- Controlling all points of the installation.

**Characteristics:**

- Power supply: from the Bus.
- Back light : CCFL
- Resolution \_ VGA 320 x 240
- MONOCHROME.
- Consumption: 320 mA.
- Dimensions: 190 x 135 mm.
- T° of operation: 5 °C to 40 °C.
- Connection of the Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».
- Mounted in a housing box DTSCBOX.

**DTSCBOX02****HOUSING BOX**

Measurements of the housing: 175 mm x 115 mm x 60 mm





**DTEM01****TEMPERATUURMODULE**

Temperature control module.  
Triggers the outputs according to a preset temperature.

**DSTE01**

Temperature sensor for module **DTEM01**

**Characteristics:**

- Power supply: from the BUS.
- Dimensions: 46x28x15 mm.
- Operating range: from +5 ° to 40 °C.
- Resolution: 0.1 °C.
- Consumption: 10 mA.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus  
by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DTEM02****THERMOSTAT MODULE**

Module for receiving and controlling the temperature.  
Triggers the outputs according to a preset temperature with the ability to change the set point via 2 keys built into the module.  
Three modes of operation: **automatic Mode**: the parameters entered at the PC are used. **manual Mode**: when the set temperature is changed using the keys on the module. **Away Mode**: a preset temperature determined through the PC is then used for all the sensors.

**Characteristics:**

- Power supply: from the BUS.
- Dimensions: 44x66 mm.
- Screen: back-lit, 2 rows of 16 characters.
- Mounting provided for 3 Bticino modules.
- Operating range: from +5 °C to 40 °C.
- Resolution: 0.1 °C.
- Consumption: 50 mA.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus  
by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DCOMINT01****COMMUNICATION INTERFACE MODULE**

Communication module for managing the installation or remotely updating the software.

These operations may also be carried out anywhere on the bus (without going through the DGQG01).

**Characteristics:**

- Consumption: 70 mA.
- Local interface: USB.
- Remote interface: PSTN line.
- Capacity: 6 modules.

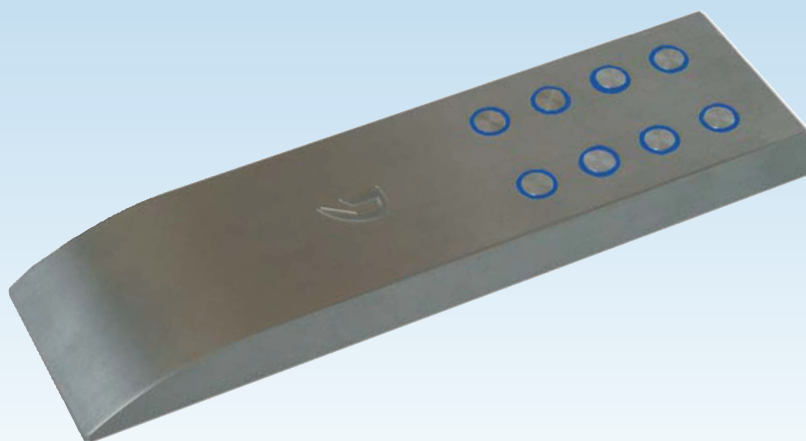
**DGSM01****GSM COMMUNICATION MODULE**

Communication module to allow the execution of actions on the system and the reception of messages coming from the installation. Those informations are sendes and received by means of sms messages.

A security code as well as the incoming phone numbers are recognised to assure the safety of communication. An integrated battery allows the sending of alert messages at any time.

**Characteritics:**

- Consumption: 100 mA
- Possibility of sending messages to 20 phone numbers
- Access with a SIM card
- Control led for charge and reception

**DCDI02****INFRA RED DESIGN REMOTE CONTROL**

14 channel infra red remote control.  
Keys illuminated in blue when touched.  
Solid aluminium box.  
Operates with two AAA batteries.

**DCDI01****32 CHANNEL IR REMOTE CONTROL**

Infra red transmitter controlling 32 functions.  
The IR rays are restricted to the area where they are transmitted.

**Characteristics:**

- Power supply: 2 1.5 V batteries, type AA-LR06.
- Programmable functions: 32 channels.
- T° of operation: -10 °C to 50 °C.

**DDIR01****INFRA RED DECODING MODULE**

Module for decoding information from the DCIR01 sensor.

This module is connected via the Bus with no other power supply.

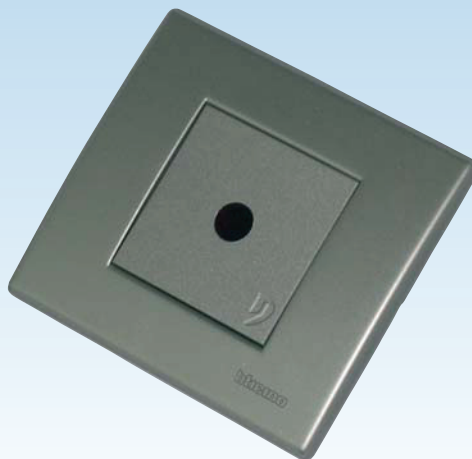
This module decodes 32 control channels.

**DCIR01**

Infra red sensor which receives the signal via an infra red remote control of our manufacture or a universal infra red control.

**Characteristics:**

- Power supply: from the BUS.
- Dimensions: 46x28x15 mm.
- Number of channels per module: 8.
- Consumption: 10 mA.
- T° of operation: -10 °C to 50 °C.
- Connection of the Bus is by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DDIR02****IR SENSOR WITH BUILT-IN MODULE**

The decoding module and the sensor are integrated for decoding 32 control channels.

**Characteristics:**

- Fitted in a 2 module Bticino module.
- Power supply from the bus.
- Connection of the bus is by 4x 1 mm<sup>2</sup> quick connections.
- T° of operation: -10° C to 50° C.

**DRS23201****INTERFACE COMMUNICATION RS 232**

Interface module between the Domintell bus and a in-output RS 232.

This module permits the interconnection with systems as airconditioning, alarms, home video a.s.o...

The informations are sended and received by means of text messages.

**Characteristics:**

- Supply : by Bus
- Connection : - on the Bus by « quick connection » to the peripherals by connector DB9 female
- T° in use : -10° C à 50° C
- Dimensions : L 35 ( 2 modules) Din Rail
- Consumption:100 mA

**DRS23202****INTERFACE RS 232 « LIGHT PROTOCOL »**

Interface module between the Domintell bus and an in-output RS 232.

This modules allows the more sophisticated interconnection as the module RS23201 with several external systems as PC, touch screens from other brandnames or home automation systems.

The actions on the Domintell system are done by text code, the status of the Domintell system is send back through this interface via a protocol furnished and delivered with the module

**Characteristics:**

- Supply : by Bus
- Connection : - on the Bus by « quick connection »  
- to the peripherals with a connector RS232 male
- T° in use : -10° C à 50° C
- Dimensions : L 35 ( 2 modules) Din Rail
- Consumption:100 mA

**DUSB01****USB INTERFACE COMMUNICATION**

Interface module between the Domintell bus and an in-output USB.

This module allows the interconnection with external systems foreseen with a USB connection as Laptops, PC a.s.o.... These informations are sended and received by means of text messages.

**Characteristics:**

- Supply : by Bus
- Connection : - to the Bus Domintell by connection RJ 45  
- to the peripherals by USB connector
- T° in use : -10° C à 50° C
- Dimensions : 65 mm x 65 mm x 27 mm
- Consumption: 30 mA

**DDCF01****MODULE DCF CLOCKWORK**

This module simply connects on the bus Domintell. It puts the system to the right hour every minute when it is synchronised. This module works on the reception from the atomic clockwork of Frankfurt (DCF77).

**Characteristics:**

- Supply by the bus Domintell
- Consumption: 50 mA
- Placement : The module must be placed at a high point in the house and very next to a window to optimize the reception..
- Dimensions : 78 mm x 60 mm x 43 mm
- Connection by « Quick connection ».

**DLED01****LED MODULE**

Module for connecting 4 indicator lights.

The leds can be programmed according to the status of the consumer or permanently lit.

**Characteristics:**

- Power supply is from the BUS.
- Dimensions: 46x28x15 mm.
- Max. connection: 4 leds.
- Type of led: supplied with the module.
- Consumption: 50 mA.
- T° of operation: -10 °C to 50 °C.
- Connection of Bus by 4 x 1 mm<sup>2</sup> « Quick connections ».

**DHUB01****LINE AMPLIFIER**

Amplifies the signals from the bus on very long or highly loaded lines and/or for connecting additional wiring.

**Characteristics:**

- Power supplies: bus.
- Consumption: 40 mA.
- Dimensions: 17 mm x 35 mm x 58 mm.

**DMOV01****INTEGRATED MOVEMENTS DETECTOR**

PIR movement detector.  
Includes interface with the bus.

Regulation of the sensibility with the software.

**Characteristics:**

- Power supplies: bus.
- Consumption: 25 mA.
- Dimensions: 2 Bticino modules.
- Connection of the bus  
by 4 x 1 mm<sup>2</sup> « Quick connections ».
- Angle of use :+/- 100° horizontal , +/- 80° vertical
- Distance of use up to 6 m

**DMOV02****DETECTOR MOVEMENT MODULE**

PIR movement detector.  
Includes interface with the bus.

Regulation of the sensibility with the software.

**Characteristics:**

- Power supplies: bus.
- Consumption: 25 mA.
- Dimensions: 2 Bticino modules.
- Connection of the bus  
by 4 x 1 mm<sup>2</sup> « Quick connections ».
- Angle of use :+/- 100° horizontal , +/- 80° vertical
- Distance of use up to 6 m





Demo suitcase including

- 1 touch screen DTSC01
- 1 pushbutton DPBU06
- 1 Movement detector DMOV01
- 1 Thermostat DTEM02
- And the following modules : DGQG01/ DALI01/ DDIM01/ DD500

This suit case allows to easily demonstrate the system and its use as well as to show the design items.



This module is made to interface a PC programmed with the graphic Domintell software and the bus Domintell through a USB connection.

The software allows the control and the lecture of the complete installation. The graphic support on the screen occurs through the import of icons chosen by the user.

### Characteristics:

- Connection :
  - on the bus via connector RJ 45
  - to the computer via connector USB
- Consumption : 30 mA
- Dimensions : 65 mm x 65 mm x 27 mm

**DAMPL101****MULTI-ROOMS AUDIO SYSTEM****Characteristics:**

- Dimensions : 360 x 240 x 69 cm
- Tuners FM integrated 4
- Output power :  
4 x 20 W RMS stéréo
- Auxiliary entrees : 4
- Auxiliary outputs : 4
- Speakers Outputs : 4 pairs
- Connection on bus :  
via connector RJ 45
- Consumption : 30 mA on the bus
- Supply 230 V AC

This audio multizone amplifier permits the diffusion of different musical sources (Cd reader, MP3, Tapes a.s.o) simultaneous and in different spaces of the house. This module is also equipped with 4 Tuners FM for the reception of radio programs.

By simple action on the equipments of your Domintell system you are able to select the musical source you want to listen to and to diffuse it where you want.

The module DAMPL101 allows you to connect up to 4 different and independant musical sources as

CD-DVD Reader - MP3 reader - Audio Tape reader - HI-FI chain

Every source is connected to the DAMPL101 by means of simple cinch audio cables.

4 pairs of speakers 8 ohms may be connected to the module DAMPL101. The volume of diffusion and the balances are independant and to be regulate for each stereo pair.

The module DAMPL101 offers you the possibility to amplify the sound diffusion by connecting up to 4 power amplifiers on the auxiliary outputs.

Due to its 4 integrated FM tuners, the module DAMPL101 plays your favorite programs where ever you are in the house. The frequences of your favorite stations may be prerecorded to make the use of the system easier.

The activation and repartition of the different musical sources are possible from what ever input of your Domintell system and this by simple pushes on buttons or from any screen modules (touch or LCD).

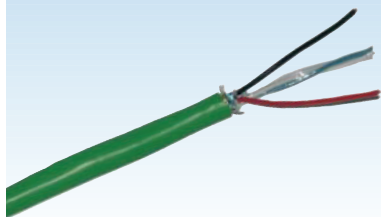
**DIREMIT01****INFRA RED SENDER MODULE**

This module allows the control of different tools ( 3 maximum) equiped with an infra receiver like for instance TV, CD DVD Readers, HI-FI Chain a.s.o...

This module allows the recognition of different types of remote control from other brands.

**Characteristics:**

- Dimensions : 50 mm x 50 mm x 22 mm
- Sender numbers : 3
- Connection by connector RJ 45 on the Bus Domintell
- Consumption : 30 mA

**DCBU01****BUS CABLE**

The bus cable contains 4 conductors of which two (black and red) are 0.75 mm for powering the modules at 12 V DC and two (white and blue) form a 0.28 mm twisted pair for data.

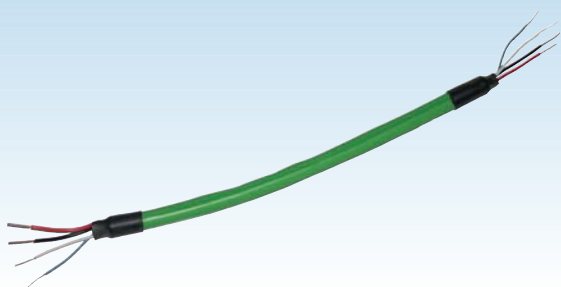
**Characteristics:**

- Power supply is from the BUS.
- 0.28 mm white and blue cables :
  - \* electrical resistance less than 70 Ohm/km
  - \* impedance 100 Ohm
  - \* capacitance less than 48 pF/m
  - \* attenuation at 1 Mhz less than 2.1 dB
- 0.75 mm black/red wires :
  - \* electrical resistance less than 36 Ohm/km

The installation can also be made with category 5 cables.

**DCBUT02****PRESLEEVED BUS CABLE**

The bus cable is also available presleeved in 100 m rolls.

**DC025/DC040****CABLES FOR CONNECTION BETWEEN MODULES**

Prefabricated bus cable in lengths of 25 and 40 cm for connection between the modules in the electrical boxes.

**DCLIP01****CLIP FOR ISM04/08 FOR DIN RAIL**

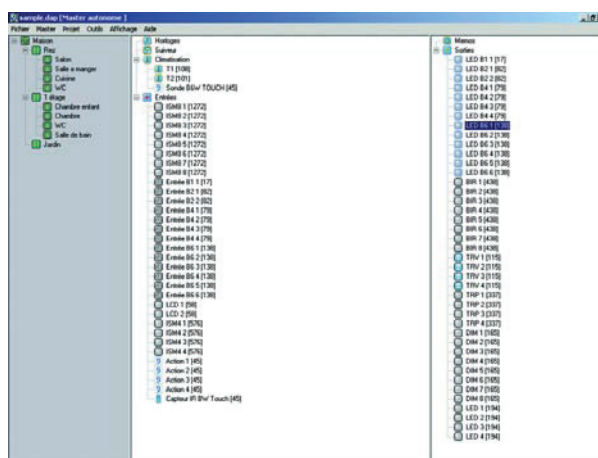
Permits the mounting of ISM04 and ISM08 on DIN rails in the electrical boxes.

This enables the Domintell system to be configured. Its operation has been specially designed to ensure optimum speed and simplicity of programming, while preserving the almost limitless possibilities of the system.

After completing the wiring of the installation, the configuration computer is connected to the master DGQG01 via a USB connection. The software supplied with each master is installed on the PC.

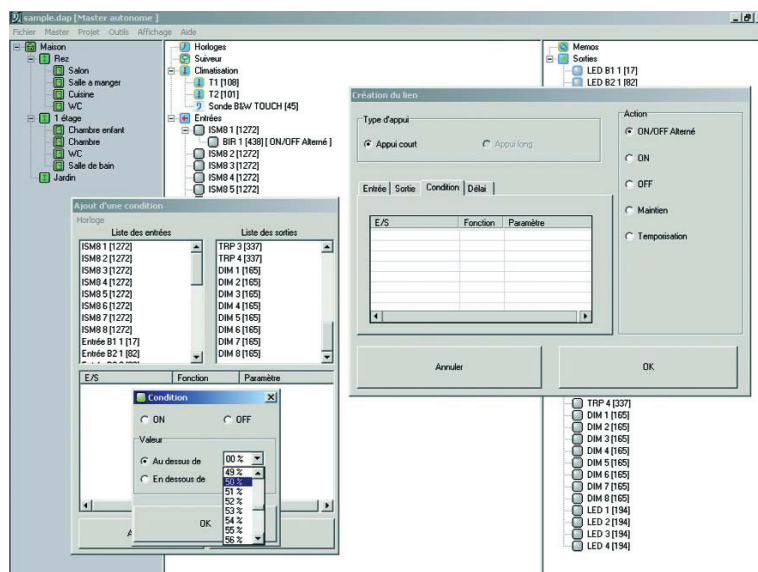
Next, for ease of programming, the input and output points can be renamed.

The links are established by «drag and drop», adding in all the conditions, times, time delays, etc.



The software enables configuration of the management of the lights, motors (such as shutters, flaps, doors, etc), management of heating and air conditioning, the interaction with various systems such as the security systems, audio-visual systems and monitoring systems, etc.

When the configuration is complete, the computer can be disconnected and the system then operates independently .



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