



FOR A SMART HOME

Safety, energy management, autonomy of people, internet of things, mobile app,...

The scope of features covered by the Domintell system keeps growing, in order to stay at the forefront of the innovation in our field.

Welcome to the Smart Living Experience by Domintell

ABOUT US

For over **twenty years**, Domintell has been focusing on developing **smart building management systems**, from designing software to the production of its own electronic devices and ensuring the technical support of its equipment. Domintell is unique in how it masters its whole value-chain.

Nearly **10 000 installations**, in over **35 countries**, run on the **Domintell technology**. To the great satisfaction of our customers, our technology has proven to be highly **durable**. Moreover, we have always been making sure that our systems could continuously **improve**.

Domintell is well-known for the **user-friendliness** of its system, as much regarding configuration during the installation as its daily use. Despite this simplicity, Domintell delivers a **high level of performance**.

Its technology is suitable for **residential** or **professional** use. It suits high-end houses as much as classic ones, hotels, nursing homes, offices, factories, shopping malls, etc. And that within every budget.

Safety, energy management, autonomy of people, Internet of things, mobile app, etc. The scope of **features** covered by the Domintell system keeps growing, in order to stay at the forefront of the innovation in our field.

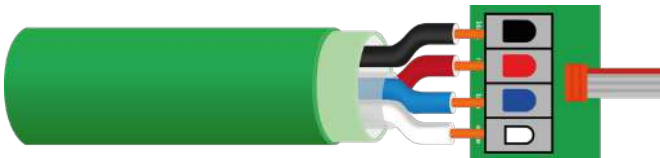
Welcome to the **Smart Building Experience** by Domintell

THE PROTOCOL

Domintell is based on a globally recognized RS485 bus: an industrial standard known for its speed and reliability. This bus is used to apply the communication between the modules. With the Ethernet module, the open Domintell protocol can be integrated with other protocols over IP and the installation can be accessed via the Internet.

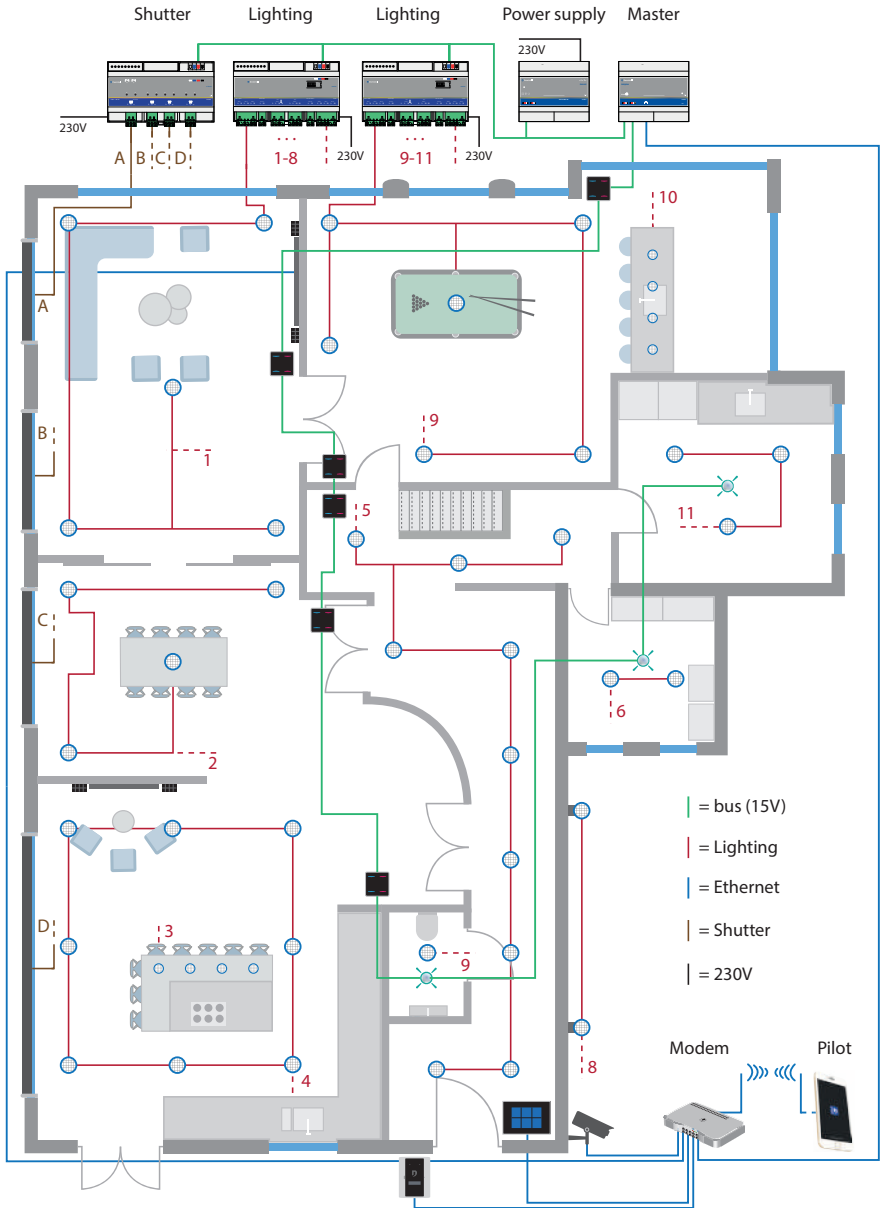
Integrated system

Domintell is an integrated system. In concrete terms, this means that all touch screens and control panels are the same. They work on all devices: the user deploys them according to his own needs. There is no control panel dedicated to a particular action. Whether it's controlling the light, operating the radio or setting the heating: all functions can be configured under one button. The button can also be replaced by an Ethernet connection from another system. This design gives the Domintell system an added value with the most complex desired and guarantees optimal ease of configuring.



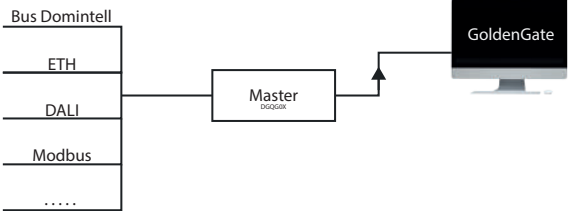
Bus cable & quick connector

WIRING SYSTEM



DOMINTELL SYSTEM

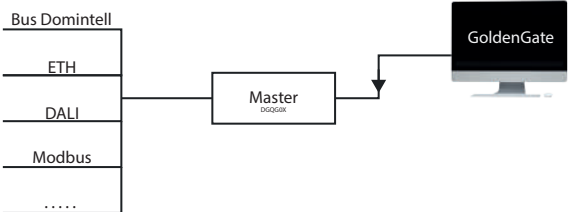
1 Detection of actors



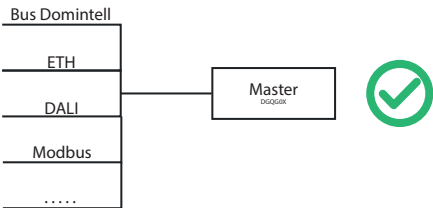
2 Operation configuration



3 Code injection



4 Operational system



CONFIGURATION

Domintell's software distinguishes itself by its simplicity and user-friendliness. The configuration possibilities are very extensive, regardless of the size or complexity of the installation. The use is as simple as a 'drag & drop'. The configuration program is free of charge. Domintell continuously invests in the development of new technologies. Domintell is a truly open system: RS232 and Ethernet interfaces are available for external systems.

For the installers and users, it is possible to learn the software with us, thanks to Domintell group training sessions in our facilities. Please contact us for more information about upcoming sessions.



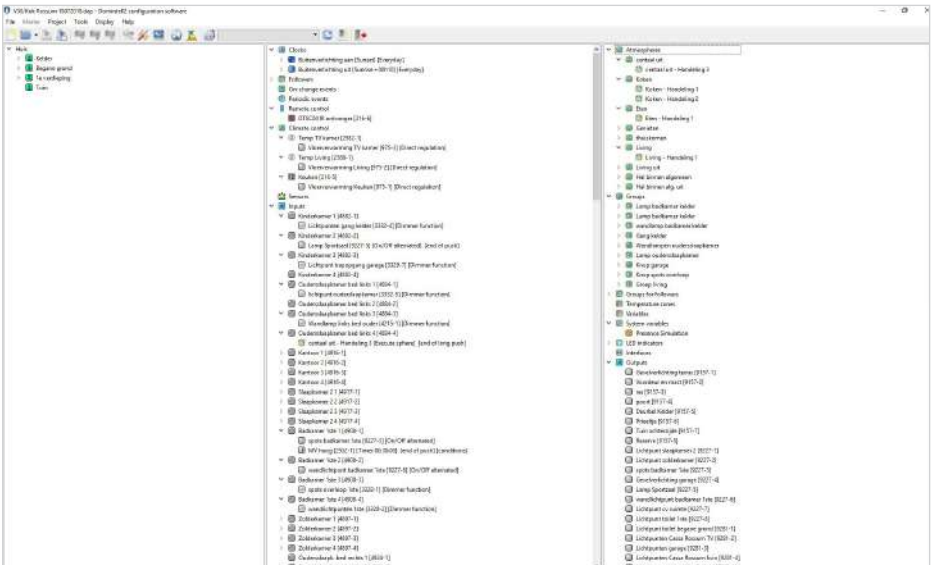
Drag & Drop



Simple
& user-friendly



Available for free



INTEGRATED SYSTEM

Domintell is a modular system. The solution for simple and affordable home automation for large systems combined with total integration of all existing installations with luxury control.

With Domintell and the available software solutions, we deliver custom integration. With interfaces such as touchscreens, smartphones or tablets, the entire system can be operated from any room.

For this, we use as many standard protocols as possible. Lighting (DALI, DMX), intercom (SIP), camera systems (MPEG, MJPEG or H.264 streams), audio/video, heating (Modbus). Many other systems and protocols are connected and integrated with the Ethernet backbone (Doorbird, Sonos, etc.).

In addition to the supply of the necessary hard and software, we provide for the integration of systems by our engineers and developers on project site.



All the actions in one application



Control via smartphone or tablet



DOMINTELL PILOT

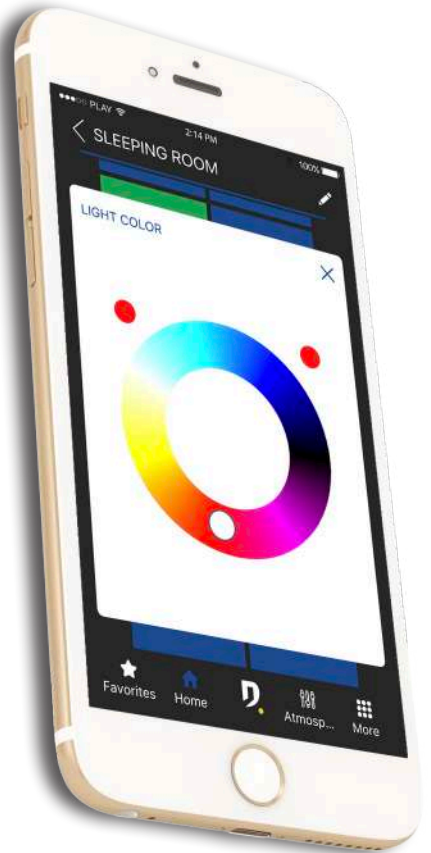
Domintell is proud to introduce you to its smartphones and tablets app: Domintell Pilot. Control all the installation of your house from anywhere with your smartphone or tablet via a simple Internet connection. With Domintell Pilot, it is an infinity of possibilities that are offered to you by customizing your atmospheres and the actions of your favorite devices. Available for free for Android and iOS devices, Domintell Pilot will make your life easier. From a simple tap on your screen, turn on your lights, lower your electrical shutters, pick your atmospheres and much more. Thanks to the Domintell Pilot app, your house follows you anywhere in your pocket.

How does it work?

Via an Internet connection, your smartphone or tablet is connected to your Domintell installation. The configuration of the app is intuitive and does not require more than moments. After a quick scan of your installation, the connection is established. A simple and intuitive interface guides you through the creation of your different actions and rooms. The interface has been designed so that the users can control their different devices connected to the Domintell system with no effort. Done with the tedious settings, now you can instantly control your favorite devices.

Let's go!

Download Domintell Pilot for free on Google Play Store and Apple App Store. Android 4.1 or superior and Apple iOS 8 or superior compatible.





Your house
in your pocket.
Anywhere.

Domintell Pilot requires an installation equipped with an Internet connection.



A close-up photograph of a person's hand using a screwdriver to adjust a component on a network switch. The switch has several green terminal blocks. The word "SYSTEM" is overlaid in large white letters with horizontal lines above and below it. The background is blurred, showing other network equipment.

SYSTEM

Master



Description

Central unit controlling the complete Domintell system. Ethernet connection for the communication, control and configuration of the installation. Internal clock used for: temporal configuring, astronomical clock, presence simulation. A multicolor LED indicates the status of the module.

Can be directly controlled by the Domintell Pilot app.

Compatible with the app



Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Ethernet input
- Status LED (multicolor)
- Max number of modules managed by the Master: 600

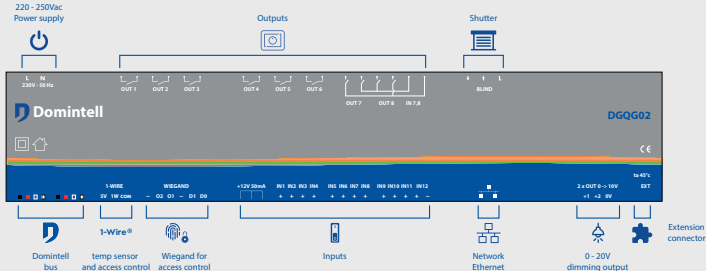
Technical data

| | |
|-----------------------|----------------------|
| Power supply | bus |
| Consumption | 100 mA |
| Dimensions | L-105 mm (6 modules) |
| Operating temperature | -10 °C to 45 °C |

Note

The latest GoldenGate version must be used to configure the installation. The DGQG04 is not supported by the 1.27.x (or lower) version of the Domintell2 configuration software.

Diagram



DALI04

Smart stabilized power supply 20 W



Description

Module allowing to supply power of the Domintell modules on the bus. It communicates with the Master and provides it with its status at all times. It is mandatory to have a power supply in each electrical box. Depending on the number of modules on the bus, it may be necessary to have several power supplies in an installation. In this case, special precautions are necessary. Please refer to the user manual.

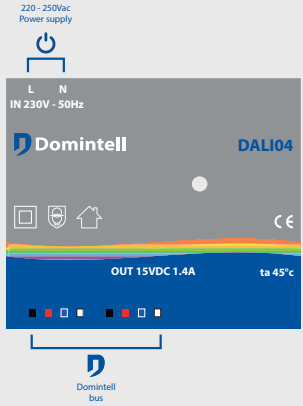
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- * If the ambient temperature exceeds 45 °C, the maximum power is divided by 2

Technical data

| | |
|------------------------|-----------------------|
| Power supply | 230 Vac +/-10 % 50 Hz |
| Nominal output tension | 15 Vdc |
| Maximum output power | 20 W |
| Dimensions | L-52,5 mm (3 modules) |
| Operating temperature | -10 °C to 45 °C * |

Diagram



Smart stabilized power supply 60 W



Description

Module allowing to supply power of the Domintell modules on the bus. It communicates with the Master and provides it with its status at all times. It is mandatory to have a power supply in each electrical box. Depending on the number of modules on the bus, it may be necessary to have several power supplies in an installation. In this case, special precautions are necessary. Please refer to the user manual.

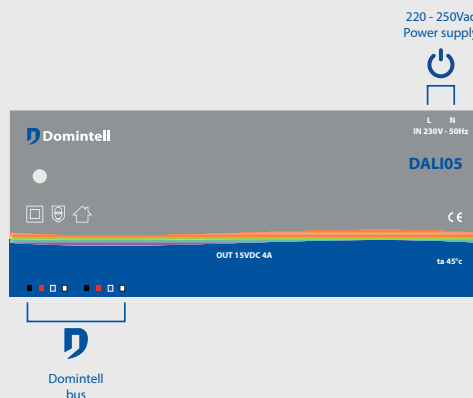
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- * If the ambient temperature exceeds 45 °C, the maximum power is divided by 2

Technical data

| | |
|------------------------|----------------------|
| Power supply | 230 Vac +/-10% 50 Hz |
| Nominal output tension | 15 Vdc |
| Maximum output power | 60 W |
| Power | < 5 W |
| Dimensions | L-105 mm (3 modules) |
| Operating temperature | -10 °C to 45 °C * |

Diagram



DBIR01

Outputs

Relay card – 8 bipolar outputs



Description

Output card including 8 bipolar relays 250 Vac / 2 x 8 A. The card is equipped with a microswitch for the manual use of a relay in case of need. The module is also equipped with LEDs displaying the state of the relays.

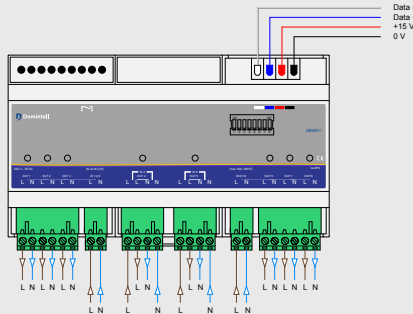
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 8 outputs max 2 x 8 A / 250 Vac
- 4 separate 250 Vac power supplies possible
- Max. power / relay: resistive load = 2000 W, inductive load = 200 W
- Max. 10 A per 250 Vac power circuit
- Pullout connection 2 x 1.5 mm² or 1 x 2.5 mm²

Technical data

| | |
|-----------------------|---|
| Power supply | bus |
| Consumption | max. 400 mA / card (all outputs enabled) |
| Max. power/relay | resistive load = 2000 W inductive load = 200 W |
| Dimensions | L-160 mm (9 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



Relay card – 5 single-pole outputs



Description

Output card for the control of 5 monopolar relays 250 Vac / 3 A. The module is equipped with a safety microswitch for the manual use of a relay in case of need. The module is also equipped with LEDs displaying the state of the relays.

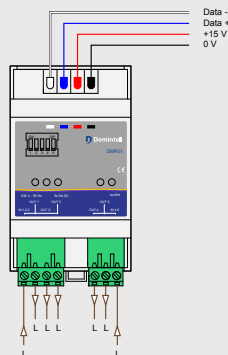
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 5 max. outputs 250 Vac / 3 A
- 2 separate 250 Vac power supplies possible
- Relay features at 30 °C: AC1 = 900 VA, AC15 = 200 VA
- Pullout connection 2 x 1.5 mm² or 1 x 2.5 mm²

Technical data

| | |
|-----------------------|--|
| Power supply | bus |
| Consumption | max. 115 mA / card (all outputs enabled) |
| Max. power / relay | resistive load = 750 W (lamps) inductive load = 130 W |
| Dimensions | L-53mm (3 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



DTRV01

Outputs

Shutter module – 4 outputs



Description

Control board of four 3-way outputs. For the control of shutters, valves, motors, etc. The module consists of 8 230 Vac – 8 A relay. The module is also equipped with display LEDs indicating the status of the relay.

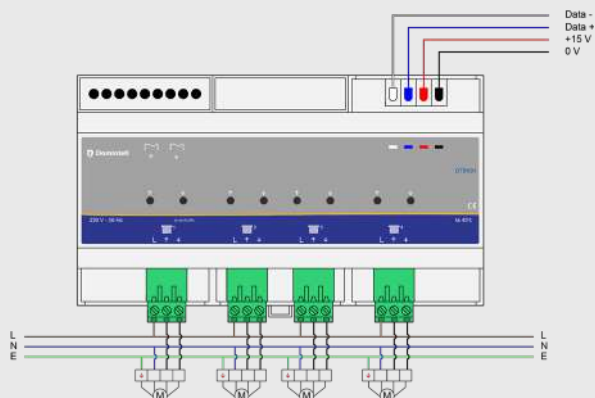
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 4 outputs 8 A / 230 Vac
- 4 separate 230 Vac power supplies possible
- Pullout connection 2 x 1.5 mm² or 1 x 2.5 mm²

Technical data

| | |
|-----------------------|---|
| Power supply | bus |
| Consumption | 240 mA / card (all outputs enabled) |
| Max power/relay | Resistive load = 1000 W inductive load = 200 W |
| Dimensions | L-160mm (9 modules) |
| Operating Temperature | -10 °C to 45 °C |

Schéma



Low voltage motor module



Description

1 output control board for motors, valves, Velux®, etc. with low voltage direct current between 12 and 24 Vdc. Incorporates end-of-stroke safety with adjustable sensitivity. Power connection requires a DC power supply suitable for the motor.

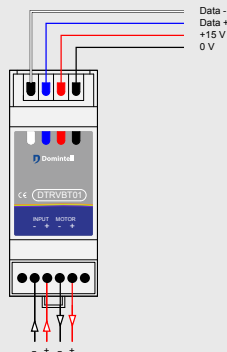
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 1
- DC power supply between 12 Vdc and 24 Vdc depending on load and motor voltage

Technical data

| | |
|-----------------------|----------------------|
| Power supply | bus |
| Consumption | 65 mA |
| Max. motor power | 200 W / 8 A |
| Dimensions | L-105 mm (6 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



DIN10V02

Input module 0-10 Vdc for DIN rail



Description

Input module 0-10 Vdc set on the bus. Can be set up using the configuration software as an analog input or as an interface for a 0-10 Vdc temperature sensor. Configuration of a measuring range of up to 100 values.

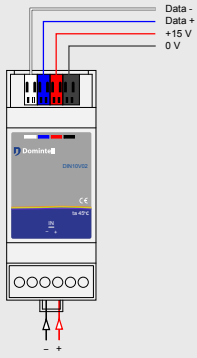
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of inputs: 1
- Modes: temperature or analog input

Technical data

| | |
|-----------------------|--------------------|
| Power supply | bus |
| Consumption | 100 mA |
| Dimensions | L-35mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



Module with 4 inputs for dry contact



Description

Allows direct connection of 1 to 4 push-buttons or any other potential-free outputs (sensor, probe, etc.).

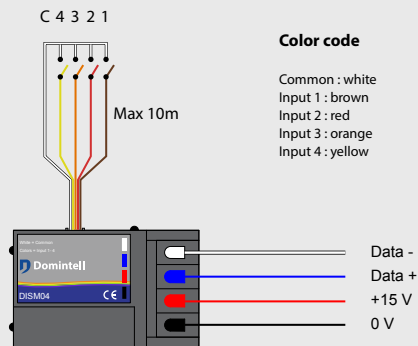
Specifications

- Connection to the bus by quick connection
- Must be connected to a real dry contact
- Type of cable between ISM and input: alarm, phone
- Maximum distance between the module and the input: 10 m

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 10 mA |
| Dimensions | 46 x 28 x 15 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



DISM08

Inputs

Module with 8 inputs for dry contact



Description

Allows direct connection of 1 to 8 push-buttons or any other potential-free outputs (sensor, probe, etc.).

Specifications

- Connection to the bus by quick connection
- Must be connected to a real dry contact
- Type of cable between ISM and input: alarm, phone
- Maximum distance between the module and the input: 10 m

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 10 mA |
| Dimensions | 46 x 28 x 15 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Module with 20 inputs for dry contact



Description

Allows direct connection of 1 to 20 push-buttons or any other potential-free outputs (sensor, probe, etc.).

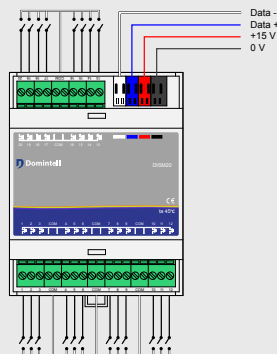
Specifications

- To be mounted on DIN rail
- Connection to the bus by quick connection
- Must be connected to a real dry contact
- Type of cable between ISM and input: alarm, phone
- Maximum distance between the module and the input: 10 m

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | 15 mA |
| Dimensions | L-70 mm (4 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram





TOUCHSCREENS



NEW RAINBOW 7" TOUCHSCREEN

TOUCHSCREENS





Description

Backlit TFT color touchscreen for the control of all home automation points, such as the setting of temperatures, clocks, audio, videophone, IP camera, etc. It includes built-in sensors for temperature and humidity, an Ethernet connection and password. This screen also allows to display IP cameras and videophone stream.

Colors



W

B

Specifications

- Backlight: LED
- Ethernet Port
- Videophone function
- Thermostat function
- Automatic regulation of luminosity
- Integrated presence detection
- To be mounted in a DTSCBOX05 embedding box
- The DTSC05 only works with the new generation Masters (DGQG02 and following)

Technical data

| | |
|-----------------------|-------------------------------------|
| Resolution | VGA 800 x 480 px |
| Colors | 16 millions |
| Power supply | 14 up to 18 Vdc or PoE 36 to 54 Vdc |
| Power | max. 9 W (backlight ON) |
| Dimensions | 198 x 136 x 32 mm |
| Operating temperature | 5 °C to 40 °C |

Diagram

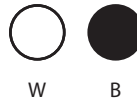




Description

Rainbow range LCD capacitive touchscreen with temperature sensor and up to 6 configurable buttons through the configuration software. The icon or photo are customizable and can change depending on the output status of each button.

Colors



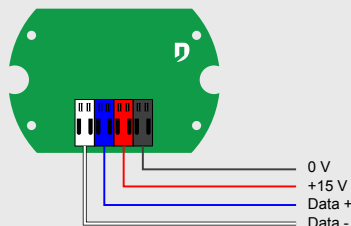
Specifications

- Connection to the bus by quick connection
- Screen size: 3.5 inches
- Temperature sensor: allows thermal control
- Number of inputs: from 1 to 6 buttons
- Features:
 - Local temperature: from 5 °C to 45 °C
 - Audio management with DAMPLI01
 - Mechanical ventilation management with DMV01
 - Fan coil management with DFAN01 and DINTMB02
 - Customizable screensaver with clock, logo, temperature, customization with pictures
- To be mounted in D1722CG embedding box

Technical data

| | |
|-----------------------|------------------|
| Power supply | bus |
| Resolution | 320 px x 240 px |
| Colors | 65536 |
| Consumption | max. 50 mA |
| Dimensions | 122 x 85 x 11 mm |
| Operating temperature | 5°C to 45 °C |

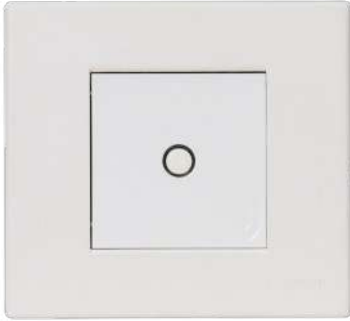
Diagram





PUSH-BUTTONS

Bticino Living•Light – Push-button 1 key



Frame not supplied

Description

Design push-button with blue and red signaling LED. Button outline changes from blue to red depending on the output status (follower function).

Colors



W

LG

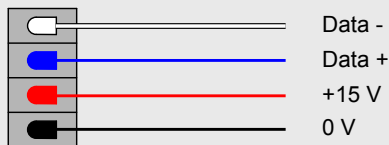
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 2 modules or standard embedding box
- Bi-color LED: blue/red
- Frame: Bticino (available at your Bticino/Legrand retailer in the Living•Light range)

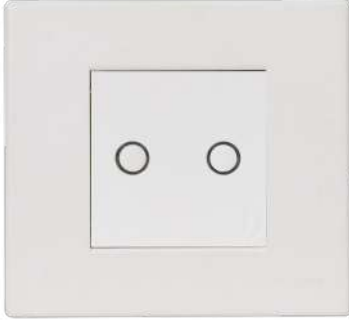
Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 20 mA |
| Dimensions | 44 x 44 x 26 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Bticino Living•Light – Push-button 2 keys



Frame not supplied

Description

Design push-button with blue and red signaling LEDs. Button outline changes from blue to red depending on the output status (follower function).

Colors



W

LG

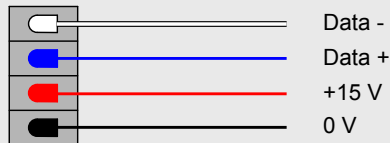
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 2 modules or standard embedding box
- Bi-color LEDs: blue/red
- Frame: Bticino (available at your Bticino/Legrand retailer in the Living•Light range)

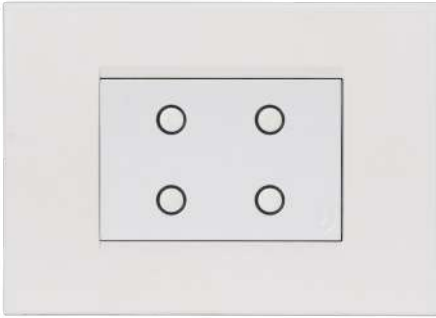
Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 30 mA |
| Dimensions | 66 x 44 x 26 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Bticino Living•Light – Push-button 4 keys



Frame not supplied

Description

Design push-button with blue and red signaling LEDs. Button outline changes from blue to red depending on the output status (follower function).

Colors



W

LG

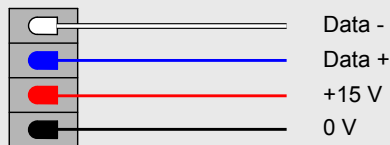
Specifications

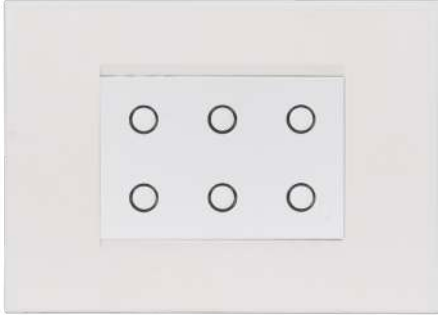
- Connection to the bus by quick connection
- To be mounted in a Bticino 3 modules embedding box
- Bi-color LEDs: blue/red
- Frame: Bticino (available at your Bticino/Legrand retailer in the Living•Light range)

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 50 mA |
| Dimensions | 66 x 44 x 26 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram





Frame not supplied

Description

Design push-button with blue and red signaling LEDs. Button outline changes from blue to red depending on the output status (follower function).

Colors



W

LG

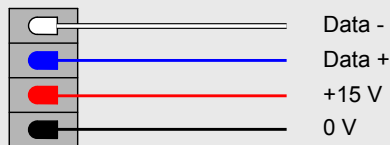
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 3 modules embedding box
- Bi-color LEDs: blue/red
- Frame: Bticino (available at your Bticino/Legrand retailer in the Living•Light range)

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 70 mA |
| Dimensions | 66 x 44 x 26 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram





FEATURES

Dimmer control module – 8 outputs



Description

Control module of 1 to 8 dimmers of 400 W (DD400L), 500 W (DD500), 750 W (DD750), 1000 W (DD1000) or 0-10 Vdc / 1-10 Vdc (DD10V). The module simultaneously manages the dimmers with different power and tensions.

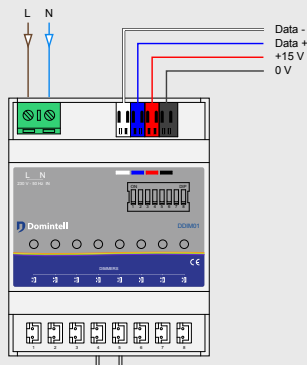
Specifications

- Power supply : bus and synchronization input
230 Vac / 50 Hz
- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 8
- Mandatory connection of the phase of the controlled dimmer to the DDIM to obtain the right synchronization

Technical data

| | |
|-----------------------|---------------------|
| Power supply | 230 Vac 50 Hz |
| Consumption | 150 mA |
| Dimensions | L-70 mm (4 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



Dimmer 0-10 V connected via the DDIM01



Description

Module allowing the control of dimmers as well as controlling electronic ballasts in 0-10 Vdc or 1-10 Vdc.

Specifications

- Modes: 0-10 Vdc & 1-10 Vdc
- Maximum number controllable outputs: 1
- To be mounted on DIN rail
- Required connection to the DDIM01 with the supplied cable

Technical data

| | |
|-----------------------|---------------------|
| Power supply | 230 Vac 50 Hz |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



Universal 400 W dimmer



Description

The DD400L is a dimmer of universal lighting. It is capable of dimming incandescent bulbs, conventional halogen 230 Vac or dimmable LEDs.

Specifications

- Maximum number of LED lamps: 30
- Minimum load: 0 W
- Fuse on front panel: 20 mm – 2.5 A
- Essential connection to the cable DDIM01 provided

Technical data

| | |
|-----------------------|---------------------|
| Power supply | 230 Vac 50 Hz |
| Output power | 400 W / 200 W LED |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



DOUT10V02

Lighting control

0-10 V output module – DIN rail



Description

Module that allows control (in 0-10/1-10 Vdc) of dimmers, electronic ballasts, heating valves.

Specifications

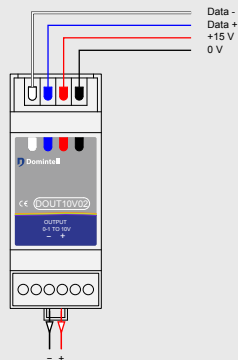
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Modes: 0-10 Vdc / 1-10 Vdc
- Number of outputs: 1
- Maximum of consumer/output: 20
- The 0-10/1-10 Vdc input connected to this module must be isolated from the ground

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | 60 mA |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

FEATURES

Diagram



DALI interface



Description

Interface for DALI bus (Digital Addressable Lighting Interface). Manages the DALI system for fluorescent tubes and monochrome LED lamps.

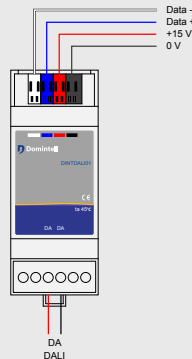
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- A Dali bus requires a DALI external power supply (ref. DALIDRAIL) that is not included in this interface
- Monochrome LED lamps and fluorescent tubes only

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | 100 mA |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



DALI DIN rail power supply



Description

Power supply for DALI bus on DIN rail. Developed to supply a DALI system with the required 250 mA.

Specifications

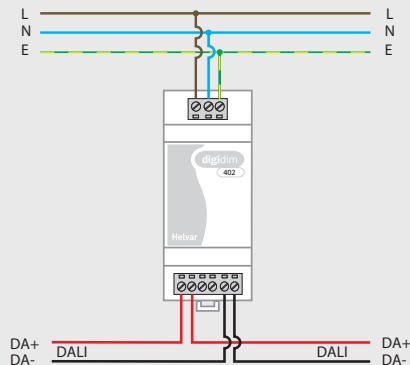
- LED status
- DALI security against short circuit and overheating
- To be mounted on DIN rail

Technical data

| | |
|-----------------------|---------------------|
| Power supply (input) | 230 Vac 50 Hz |
| Power supply (output) | 20 Vdc 50 mA |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | 0 °C to 40 °C |

FEATURES

Diagram



DMX512 HSV interface



Description

DMX512 (digital multiplexing) device controller. Enables dynamic control of lighting connected to a DMX device. Supports the dimmer functions and the management of RGB(W) LEDs.

The HSV mode insures a constant color while tweaking the light intensity and vice versa.

Specifications

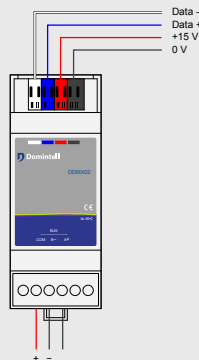
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Number of outputs: 1
- Number of managed DMX slaves: max. 64 (max. 8 DMX channels each)
- Modes RGB (HSV), RGBI, RGBW (HSV)
- Connecting to the DMX device: data +, data -, mass
- The DDMX02 only works with the new generation Masters (DGQG02 and following)

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | max. 60 mA |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

FEATURES

Diagram



DALI spy



Description

The DESPDALI module is a DALI USB interface allowing the monitoring of rasters on the DALI bus.

Specifications

- Connection to the DALI bus and via USB to the PC
- Caution: the DALI bus is not SELV. Handle with care
- masterCONFIGURATOR software required to analyze the DALI protocol (contact us)

Technical data

| | |
|-----------------------|----------------------|
| Power supply | DALI/USB |
| Consumption | max. 6 mA |
| Dimensions | 101,5 x 51 x 29,5 mm |
| Operating temperature | 0 °C to 45 °C |

Universal Ethernet interface



Description

Ethernet communication module allowing the control of the Domintell installation from a local network (LAN) or Internet. Allows the direct control of the installation through the Domintell Pilot app, with 8 simultaneous mobile devices (Android or Apple).

The DNET02 includes the following services:

- It now uses encrypted and secured connection by password (WebSocket Secure Protocol).
- Automatic modem configuration for easy access from the Internet (port forwarding / routing ports via UPnP).
- Interfacing of third-party network devices (heating/air-conditioning systems, audio, videophony, etc.)

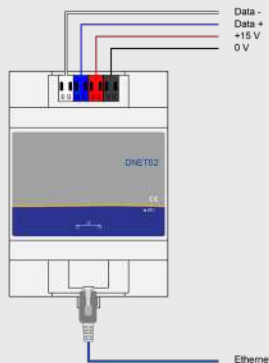
Specifications

- To be mounted on DIN rail
- Network connection: RJ45
- The latest version of GoldenGate (for new Masters) is required
- The DNET02 only works with the new generation Masters (DGQG02 and following)

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | 100 mA |
| Dimensions | L-53 mm (3 modules) |
| Operating temperature | -10°C to 50°C |

Schema



RS232 interface



Description

Interface between the Domintell bus and a RS232 input/output. This module allows interconnection with systems such as: air conditioning, alarm, home video, etc.

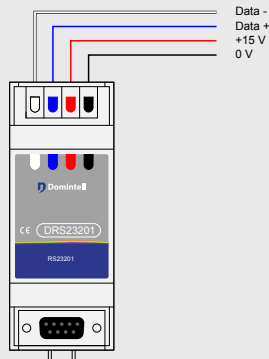
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Connecting to peripherals by female RS232 connector (DB9)

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | 100 mA |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



RS232 – Light Protocol interface



Description

Interface between the Domintell bus and a RS232 input/output. Usage: Light Protocol. Allowing a connection with various control systems such as: PC, screens, etc.

Specifications

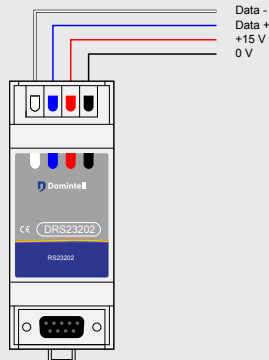
- Connection to the bus by quick connection
- To be mounted on DIN rail
- Connecting to peripherals by female RS232 connector (DB9)
- The DRS23202 only works with the DGQG01 Master

Technical data

| | |
|-----------------------|---------------------|
| Power supply | bus |
| Consumption | 100 mA |
| Dimensions | L-35 mm (2 modules) |
| Operating temperature | -10 °C to 45 °C |

FEATURES

Diagram



Air conditioning and ventilation module



Description

Air conditioner module controlling fan coil climatizers. 3 relays control the fan speed. 2 relays control the heating/cooling valves. The module must be used with a Domintell temperature sensor.

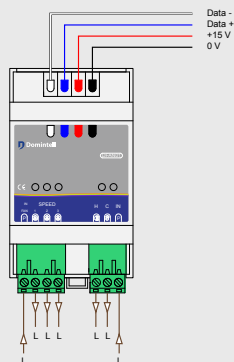
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 5 outputs max. 3 A / 250 V
- 2 separate power supplies possible
- Relay features at 30 °C: AC1 = 900 VA AC15 = 200 VA
- Pullout connection 2 x 1.5 mm² or 1 x 2.5 mm²

Technical data

| | |
|-----------------------|--|
| Power supply | bus |
| Consumption | 95 mA (all outputs enabled) |
| Max power/relay | Resistive Load = 750 W inductive load = 130 W |
| Dimensions | L-53 mm (3 modules) |
| Operating temperature | -10 °C to 45 °C |

Diagram



A person with a backpack is seen from behind, walking up a modern, curved staircase. The person is wearing a dark jacket and dark pants. The staircase has a white wall on the left with several circular portholes and a metal handrail. The overall atmosphere is clean and architectural.

SENSORS

Presence detector + interface



Description

The DMOV06 module is a movement detector with an integrated luminosity sensor. It is ideal for an installation on a ceiling, accompanied by its dedicated interface supplied together.

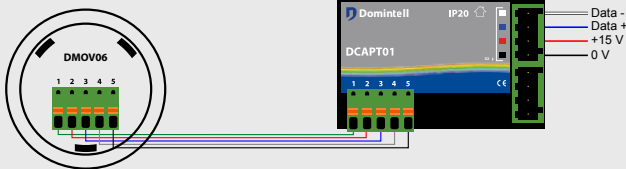
Specifications

- Connection of DCAPT01 to the bus by quick connection (pullout connector)
- Operating distance up to 6 m
- Detection angle: $\pm 80^\circ$ horizontal axis, $\pm 100^\circ$ vertical axis
- Measuring range of luminosity: 0 to 16000 lx
- Only one DMOV06 per DCAPT01 interface
- The DMOV06 only works with the new generation Masters (DGQG02 and following)
- NOTE: DCAPT01 module cannot be built in diameter and must therefore be accessible from another location
- Wire: section between 0.2 and 1.3 mm², max. length of 20 m, stranded wire (if multi-strand, the cable has to include a lug); different types of cable are possible: telephone cable, alarm cable (with lugs), network cable.

Technical data

| | |
|----------------------------|-------------------------------|
| Power supply | bus via DCAPT01 |
| Consumption | max. 30 mA (DMOV06 + DCAPT01) |
| Dimensions (without cable) | 38 Ø x 40 H mm |
| Embedding diameter | 32 mm Ø |
| Protection | IP20 |
| Operating temperature | -10 °C to 45 °C |

Diagram



PIR motion sensor



Description

PIR (Passive InfraRed) motion detector. Adjustment of the sensitivity by the configuration software. Especially suitable for the ceiling but also for wall integration.

Colors



W

B

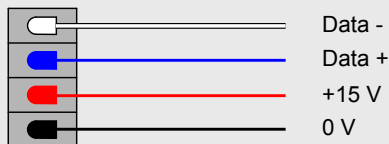
Specifications

- Connection to the bus by quick connection
- Operating distance up to 6 m
- Detection angle: $\pm 80^\circ$ horizontal axis, $\pm 100^\circ$ vertical axis
- IP40, not adapted for outdoor operation

Technical data

| | |
|----------------------------|-----------------|
| Power supply | bus |
| Consumption | max. 15 mA |
| Dimensions (without cable) | 85 x 15 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Non-recessed PIR Wmotion sensor



Description

PIR (Passive InfraRed) Motion Detector. Adjustment of the sensitivity by the configuration software. A LED detection light (inside the detector) can be activated during setup. Non-recessed detector.

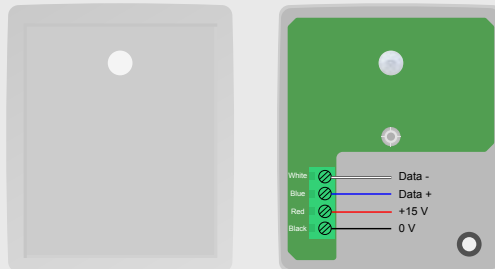
Specifications

- Connection to the bus by terminal blocks
- Operating distance up to 6 m
- Detection angle: $\pm 100^\circ$ horizontal axis, $\pm 80^\circ$ vertical axis
- IP40 not adapted for outdoor operation

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 15 mA |
| Dimensions | 65 x 50 x 32 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Bticino Living•Light – Integrated motion sensor



Frame not supplied

Description

PIR (Passive InfraRed) motion detector. Adjustment of the sensitivity by the configuration software. A LED detection light (in the detector) can be activated during setup.

Colors



W

LG

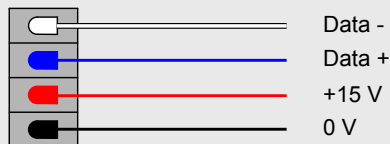
Specifications

- Connection to the bus by quick connection
- Operating distance up to 6 m
- Detection angle: $\pm 100^\circ$ horizontal axis, $\pm 80^\circ$ vertical axis
- To be mounted in a Bticino 2 modules or standard embedding box
- Frame: Bticino (available at your Bticino/Legrand retailer in the Living•Light range)

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 15 mA |
| Dimensions | 44 x 44 x 26 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Temperature measuring module



Description

Temperature measuring module. Allows the connection of the temperature sensor DSTE01 (included).

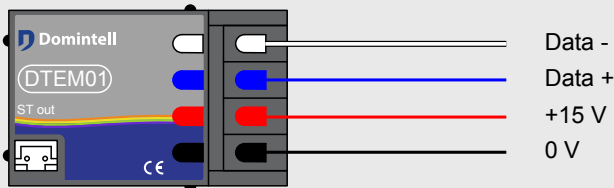
Specifications

- Connection to the bus by quick connection
- Operating range: 5 °C up to 40 °C
- Resolution: 0.1 °C
- DSTE01 probe included
- Sensor diameter with protection: 10 mm
- Drill diameter: 8 mm
- Depth of the sensor: 17 mm
- Operating temperature: -10 °C to 45 °C

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | 10 mA |
| Dimensions | 46 x 28 x 15 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Temperature sensor probe



Description

Temperature measuring probe. Has to be connected with the temperature measuring module DTEM01. For replacing the one supplied with the DTEM01.

Specifications

- Operating range: 5 °C up to 40 °C
- Resolution: 0.1 °C
- Sensor diameter with protection: 10 mm
- Drill diameter: 8 mm
- Depth of the sensor: 17 mm

Outside module for environmental data measuring



Description

The DENV01 module measures four environmental data: the temperature (in °C), the humidity level (in %rH), the air pressure (in hPa) and the luminosity (in lx). In order to operate, it requires a dedicated DCAPT01 interface (included with the DENV01).

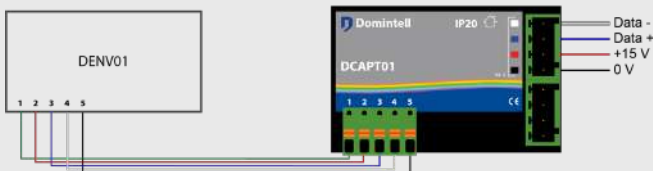
Specifications

- Connection of DCAPT01 to the bus by quick connection (pullout connector)
- Dimensions: 65 x 58 x 31.5 mm
- IP43
- Measuring range of temperature: -20 °C to 60 °C
- Measuring range of humidity level: 0 to 100 %rH
- Measuring range of air pressure: 300 to 1100 hPa
- Measuring range of luminosity: 0 to 16000 lx
- Only one DENV01 per DCAPT01 interface
- The DENV01 only works with the new generation Masters (DGQG02 and following)
- Wire: section between 0.2 and 1.3 mm², max. length of 20 m, stranded wire (if multi-strand, the cable has to include a lug); different types of cable are possible, please refer to the manual
- To work properly, the DENV01 needs to be fixed on the north side of a building (in no case on a wall with sun exposure)

Technical data

| | |
|-----------------------|-------------------------------|
| Power supply | bus via DCAPT01 |
| Consumption | max. 40 mA (DENV01 + DCAPT01) |
| Dimensions | 65 x 58 x 31.5 mm |
| Operating temperature | -20 °C to 60 °C |

Diagram



Inside module for environmental data measuring



Description

The DENV02 module measures three environmental data: temperature (in °C), humidity (in% rH) and CO2 concentration (ppm). In order to operate, it requires a dedicated DCAPT01 interface (included with the DENV02).

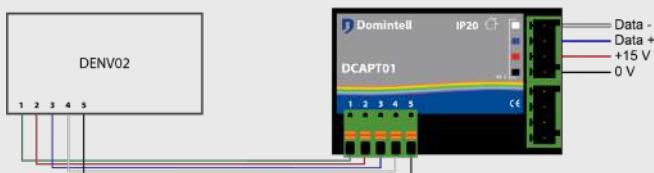
Specifications

- Connection of DCAPT01 to the bus by quick connection (pullout connector)
- Consumption: max. 50 mA (DENV02 + DCAPT01)
- IP20
- Measuring range of temperature: -10 °C to 70°C
- Measuring range of CO2 concentration level: 0 to 40000 ppm
- Only one DENV02 per DCAPT interface
- The DENV02 only works with the new generation Masters (DGQG02 and following)
- Wire: section between 0.2 and 1.3 mm², max. length of 20 m, stranded wire (if multi-strand, the cable has to include a lug); different types of cable are possible, please refer to the manual

Technical data

| | |
|-----------------------|-------------------------------|
| Power supply | bus via DCAPT01 |
| Consumption | max. 50 mA (DENV02 + DCAPT01) |
| Dimensions | 80 x 80 x 25 mm |
| Operating temperature | 0 °C to 50 °C |

Diagram



Wind sensor and its interface module



Description

The DWIND01 module allows the measurement of windspeed and wind orientation. The external sensor is connected to the bus with the interface module DWIND01 (included).

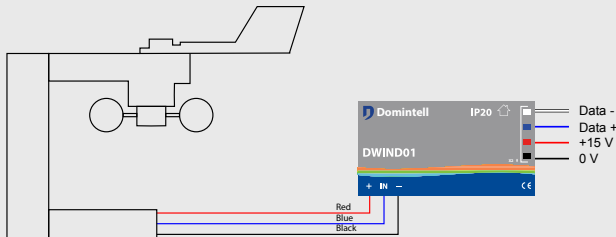
Specifications

- Connection to the bus by quick connection (pullout connector)
- Interface module IP20
- Wind speed: 0 up to 180 km/h
- Wind orientation: 0 to 360°, resolution 1°
- Supplied with fixation kit on the wall and 20 m cable for the connection between the wind sensor and the interface module (interior)
- The DWIND01 only works with the new generation Masters (DGQG02 and following)

Technical data

| | |
|--------------|------------------------------------|
| Power supply | bus |
| Consumption | max. 35 mA (with connected sensor) |
| Dimensions | 46 x 28 x 15 mm |

Diagram



ACCESSORIES

4 (signaling) LEDs module



Description

Allows the connection of 4 LEDs (included). The LEDs can be configured according to the state of the system or permanently on.

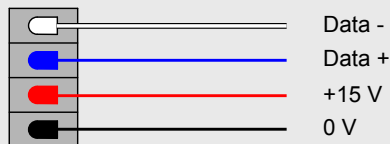
Specifications

- Connection to the bus by quick connection
- Max. connection: 4 LEDs
- LED diameter with protection: 8 mm
- LEDs supplied with the module

Technical data

| | |
|-----------------------|-----------------|
| Power supply | bus |
| Consumption | max. 50 mA |
| Dimensions | 46 x 28 x 15 mm |
| Operating temperature | -10 °C to 45 °C |

Diagram



Domintell bus cable – In 100m roll



Description

Domintell bus cable in roll of 100 m. The bus cable contains 4 conductors. Two (black and red) conductors of 0.75 mm² for the supply of modules in 15 Vdc and two (white and blue) conductors forming a twisted pair of 0.28 mm² for data. Do not use EIB cable, due to a high risk of dysfunction.

Specification

- White & blue cables: - 0.28 mm² twisted pair
 - electrical resistance < 70 Ohms/ km
 - impedance 100 Ohms
 - capacity < 48 pF/m
 - attenuation at 1 MHz < 2.1 dB
 - Black & red cables: - 0.75 mm²
 - electrical resistance < 36 Ohms/km
- Bus cable diameter: 8 mm

Domintell bus cable – 1 m



Description

Domintell bus cable per meter. The bus cable contains 4 conductors. Two (black and red) conductors of 0.75 mm² for the supply of modules in 15 Vdc and two (white and blue) conductors forming a twisted pair of 0.28 mm² for data. Do not use EIB cable, due to a high risk of dysfunction.

Specifications

- White & blue cables: - 0.28 mm² twisted pair
 - electrical resistance < 70 Ohms/km
 - impedance 100 Ohms
 - capacity < 48 pF/m
 - attenuation at 1 MHz < 2.1 dB
 - Black & red cables: - 0.75 mm²
 - electrical resistance < 36 Ohms/km
- Bus cable diameter: 8 mm

DTSCBOX05

Rainbow

Embedding box – DTSC05



Description

Embedding box for the DTSC05 screen. Do not seal the box in the ceiling as it may deform during drying. For the DTSC05 only.

Specifications

Dimensions: 180 L x 130 H x 60 D mm
Embedding dimensions: 180 L x 118 H x 60 D mm
Installation instructions included in the packaging

DKITDTSCBOX02

Rainbow

DTSCBOX02 adaptation kit for DTSC05



Description

For installations with an older DTSC02/03/04 screen, this adaptation kit allows the existing flush-mounted box (DTSCBOX02) to be adapted, without having to dismantle it, in order to be able to fix the new screen DTSC05 in the DTSCBOX02.

For new installations, it is easier to use the DTSCBOX05, already adapted for the mounting of the DTSC05 screen.

Specifications

The diagrams and instructions are supplied with the kit.

