Domintell

Smart living experience

2019

Catalogue


POUR UNE MAISON INTELLIGENTE
Sécurité, économies d'énergie, autonomie des personnes, internet des objets, application mobile...
Le périmètre de fonctionnalités du système Domintell ne cesse de s'étendre, en phase avec les dernières innovations du secteur.
Bienvenue dans la Smart Living Experience par Domintell

QUI SOMMES-NOUS ?

Depuis plus de **trente ans**, Domintell est le spécialiste du développement de **systèmes intelligents de gestion des bâtiments**. De la conception de tous nos logiciels à la production de nos propres produits électroniques, en pas sant par un support quotidien pour tous ses équipements, Domintell est unique dans la maîtrise de l'ensemble de sa chaîne de valeur.

Près de **10 000 installations**, dans plus de **35 pays**, fonctionnent avec la technologie **Domintell**. À la plus grande satisfaction de nos clients, notre technologie s'est toujours montrée d'une **stabilité** à toute épreuve, la plupart des systèmes d'origine fonctionnant encore à l'heure actuelle. Nous avons d'ailleurs toujours mis un point d'honneur à ce que nos systèmes soient **évolutifs**.

Domintell est reconnue pour la **simplicité** de son système, tant au niveau de sa configuration lors de l'installation que de son usage quotidien. Bien que simple d'utilisation, le système Domintell n'en reste pas moins **hautement performant**.

Sa technologie convient tout autant aux usages des **particuliers** que ceux des **professionnels**. Elle se retrouve dans de nombreux cas de figure : maisons simples ou ultra sophistiquées, hôtels, bureaux, magasins, usines, etc. Et ce, pour le meilleur rapport qualité – fiabilité / prix.

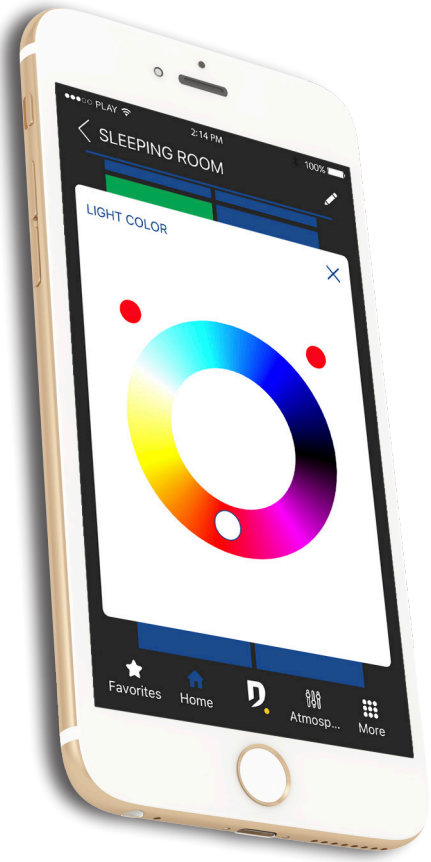
Sécurité, gestion de l'énergie, autonomie des personnes, internet des objets, application mobile, etc. Le nombre de **fonctionnalités** couvertes par le système Domintell ne cesse de croître, afin de rester à la pointe de l'innovation dans notre domaine.

Domintell
Smart living experience

DOMINTELL PILOT

Domintell est fier de vous présenter sa toute nouvelle application pour smartphone et tablette : Domintell Pilot. Contrôlez toute l'installation dans votre maison de n'importe où avec votre mobile ou tablette via une simple connexion internet. Avec Domintell Pilot,

c'est une infinité de possibilités qui s'offrent à vous en personnalisant vos ambiances et les actions de vos appareils favoris. Disponible gratuitement pour les appareils Apple et Android, Domintell Pilot vous facilitera la vie. D'une simple pression sur votre écran, allumez vos lumières, descendez vos volets électriques, choisissez vos ambiances et bien plus encore. Grâce à l'application Domintell Pilot, votre maison vous suit partout dans votre poche.



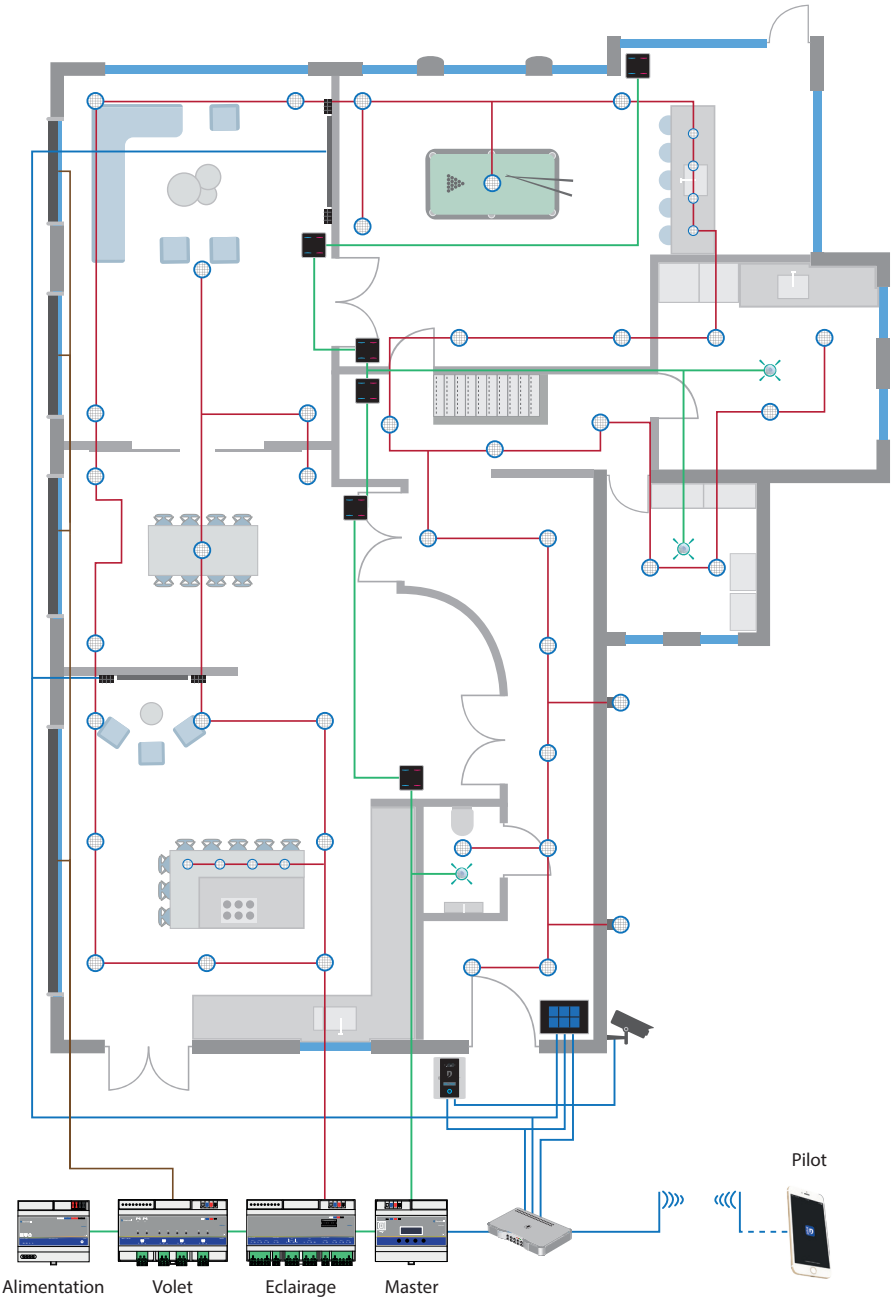
Comment ça marche ?

Via une connexion internet, votre mobile ou votre tablette est connecté à votre installation Domintell grâce au module DNET01. La configuration de l'application est intuitive et ne requiert que quelques instants. Après un rapide scan de votre installation, la connexion est établie. Une interface simple et intuitive vous guide alors dans la création de vos différentes actions et de vos pièces. L'interface a été pensée pour que les utilisateurs contrôlent sans effort leurs différents appareils connectés au système Domintell. Fini les réglages fastidieux, vous contrôlez alors en un instant vos appareils favoris.

Lancez-vous !

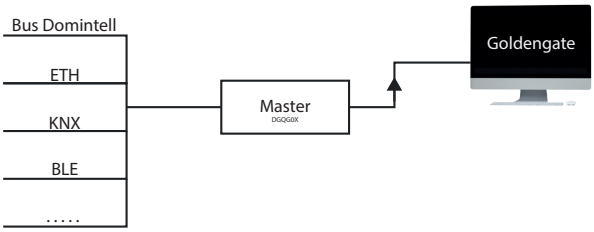
Domintell Pilot est disponible en téléchargement gratuit sur l'App Store et le Google Play Store. Compatible Android 4.1 ou supérieur et Apple iOS 8 ou supérieur.

SYSTEME DE CABLAGE



SYSTEME DE DOMINTELL

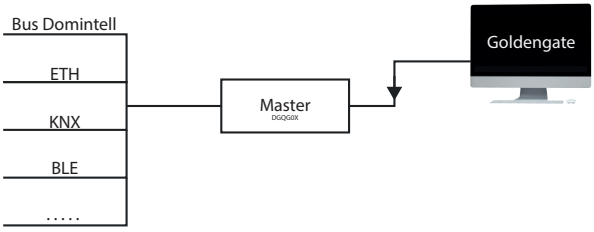
1 Détection des acteurs



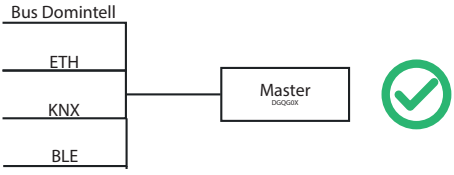
2 Configuration du fonctionnement

3 Compilation

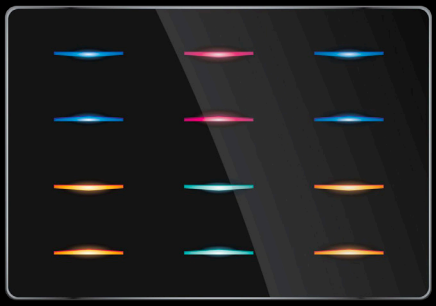
4 Injection du code



5 Système operationnel



NEW RAINBOW
7“ TOUCHSCREEN




Domintell
Smart living experience

SOMMAIRE

SYSTEM

DGQG01

Master

Description

Central unit controlling the complete Domintell system. USB connection to display inputs/ outputs and program all the advanced functions of the system. Internal clock used for: temporal programming, astronomical clock, presence simulation.

Compatible with the app

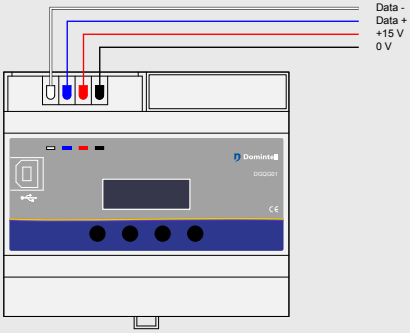
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- USB input
- Manual programming possible (clock, etc.) via 4 keys
- Max number of modules managed by the Master: 600
- Backlight LCD Display

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-105 mm (6 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DGQG02

« All-in-one » Master

Description

Central unit controlling the complete Domintell installation, integrated power supply included. Ethernet connection for the communication and configuration of the installation. Internal clock for: temporal functions, astronomical clock, presence simulation. Originally includes many integrated inputs and outputs.
Can be directly controlled by the Domintell Pilot app.

Specifications

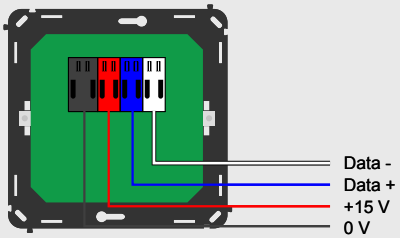
- Connection to the bus by quick connection
- To be mounted on DIN rail
- Ethernet connection for communication, control and configuration of the installation
- Internal clock for temporal functions, astronomical clock and presence simulation
- Direct control of the installation with the Domintell Pilot app (Android or Apple)
- Domintell bus system
- Master power
- 6 single-pole outputs 16 A (R)
- 2 bipolar outputs 2 x 8 A (R)
- 1 output 2 x 8 A (R) for the control of shutters, valves, motors, etc.
- 2 outputs 0 to 10 V
- 1 1-Wire ® interface for single-cable devices
- 1 Wiegand interface + 2 outputs for LEDs (specific for access control)
- 11 inputs 10 to 24 V
- 1 input 10 to 24 V without common
- 1 output 12 V 50 mA to control inputs
- Extension connector: easy integration of additional devices

Compatible with the app

Technical data

Power supply	230 V 50 Hz
Power	< 5 W
Dimensions	L-213 mm (12 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DGQG03

« All-in-one » Master with DALI

Description

Central unit controlling the complete Domintell installation, integrated power supply included. Ethernet connection for the communication and programming of the installation. Internal clock for: temporal functions, astronomical clock, presence simulation. Originally includes many integrated inputs and outputs as well as an interface for DALI bus.
Can be directly controlled with the Domintell Pilot app.

Specifications

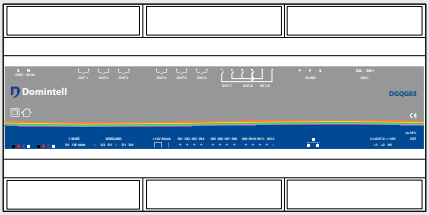
- Connection to the bus by quick connection
- To be mounted on DIN rail
- Ethernet connection for communication, control and configuration of the installation
- Internal clock for temporal functions, astronomical clock and presence simulation
- Direct control of the installation by the Domintell Pilot app (Android or Apple)
- Domintell bus system
- Master power
- Control of 64 light points with Dali® bus, Dali® 133 mA power supply
- 6 single-pole outputs 16 A (R)
- 2 bipolar Outputs 2 x 8 A (R)
- 1 output 2 x 8 A (R) for the control of shutters, valves, motors, etc.
- 2 outputs 0 to 10 V
- 1 1-Wire ® interface for single-cabled devices
- 1 Wiegand interface + 2 outputs for LEDs (specific for access control)
- 11 inputs 10 to 24 V
- 1 input 10 to 24 V without common
- 1 output 12 V 50 mA to control inputs
- Extension connector: easy integration of additional devices

Compatible with the app

Technical data

Power supply	230 V 50 Hz
Power	< 5 W
Dimensions	L-213 mm (12 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DGQG04

Master

Description

Central unit controlling the complete Domintell system. Ethernet connection for the communication and programming of the installation. Internal clock used for: temporal programming, astronomical clock, presence simulation.
Can be directly controlled by the Domintell Pilot app.

Compatible with the app

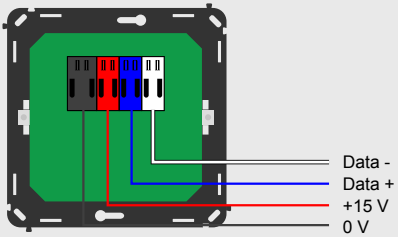
Specifications

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

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-105 mm (6 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DALI01

2.5A Power supply

Description

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 place a power supply in each electrical box.

Compatible with the app

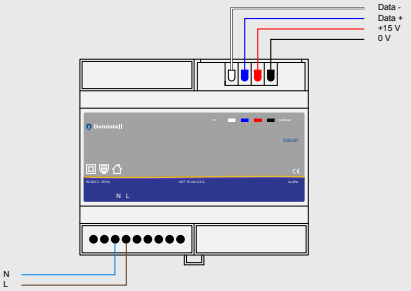
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Fuse: 500 mA timed – sandblasted
- Overload Protection

Technical data

Power supply	230 Vac
Power	< 5 W
Dimensions	L-105 mm (6 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DALI03

3.3A Power supply – Stabilized

Description

The DALI03 is a stabilized power supply. This module is powered by the 230 V network. Depending on the number of modules present in the installation, it will be necessary to equip the installation with one or several DALI03. It is recommended to place at least one in each electrical box anyhow.

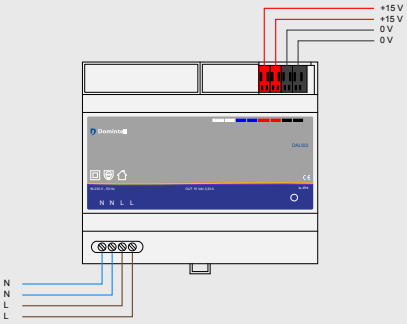
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail

Technical data

Power supply	230 Vac +/-10% 50 Hz
Nominal output tension	15 Vdc
Nominal output current	0 à 3.3A
Power	< 5 W
Dimensions	L-105 mm (6 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DBIR01

Relay card – 8 Bipolar outputs

Description

Output card including 8 bipolar relays 250V / 2 x 8A. 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.

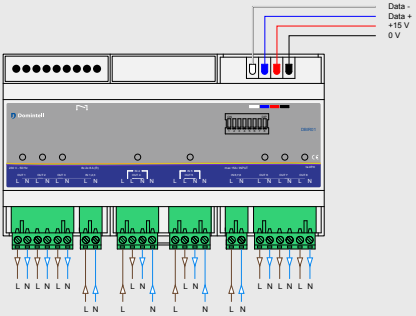
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 8 outputs max 2 x 8A / 250V
- 4 separate 230 Vac power supplies possible
- Max. power/relay: resistive load = 2000W, inductive load = 200W
- Max. 10A per 230V power circuit
- Pullout connection 2 x 1.5 mm^2 or 1 x 2.5 mm^2

Technical data

Power supply	bus
Power	max. 400 mA / card (all outputs enabled)
Dimensions	L-160 mm (9 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DMR01

Relay card 5 single-pole outputs

Description

Output card for the control of 5 monopolar relays 250 V/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.

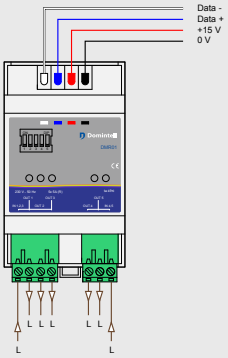
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 5 max outputs 3 A/250 V
- 2 separate 230 Vac power supplies possible
- Maximum power/relay: resistive Load = 750 W (lamps), inductive load = 130 W
- Relay features at 30 °C: AC1 = 900 VA, AC15 = 200 VA
- Pullout connection 2 x 1.5 mm^2 or 1 x 2.5 mm^2

Technical data

Power supply	bus
Power	max. 115 mA/card (all outputs enabled)
Dimensions	L-53mm (3 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DTRP01

Remote switch module – 4 outputs

Description

Output card for the control of 1 to 4 remote switches (TL2001). Only reserved for the connection of remote switches marketed by Domintell.

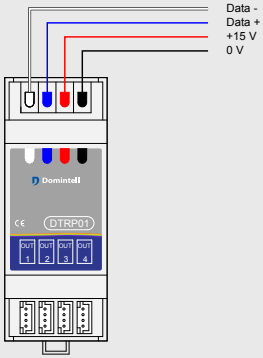
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 4 remote switches (TL2001) 16 A/230 Vac
- Type of remote switch: Schneider with auxiliary

Technical data

Power supply	bus
Power	100 mA/1.2 A when the remote switch is switched on
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



TL2001

Trip switch for DTRP01

Description

Bipolar mechanical relay, controlled via the DTRP01 module. Manual control on front panel by O-I controller.

Specifications

- To be mounted on DIN rail
- Must be connected to DTRP01 with supplied cable
- Type of remote switch: Schneider with auxiliary

Technical data

Max power/relay	2 x 16 A/230 Vac
Dimensions	L- 27 mm (1,5 modules)
Operating Temperature	-10 °C to 50 °C

DTRP02

Bi-directional switch module – 2 flaps

Description

Output card for the command of 2 x 2 reversing trip switches (TL1001) for motors with heavy loads. The module allows the command of two motors.

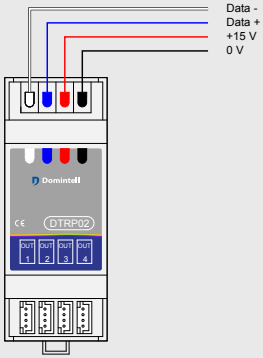
Specifications

- the remote switch is switched on
- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 2 x 2 remote switches (TL1001) 16 A/230 Vac
- Type of remote switch: Schneider with auxiliary

Technical data

Power supply	bus
Power	100 mA/1.2 A when
Dimensions	35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



TL1001

Remote switch for DTRP02

Description

Mechanical switches used in pairs for the control of two-direction motors. Manual control on the front panel by the O – I controller. The first phase of the engine is connected to the first switch of the pair and the second phase to the latter.

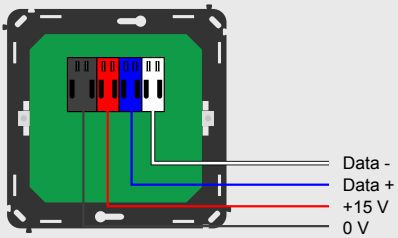
Specifications

- To be mounted on DIN rail
- Connection required for cable DTRP02 provided Type of remote switch: Schneider with auxiliary

Technical data

Max power/relay	2 x 16 A/230 Vac
Dimensions	L- 27 mm (1,5 modules)
Operating Temperature	-10 °C to 50 °C

Diagram



DTRV01

Flap Module – 4 outputs

Omschrijving

Control Board of 4 3-way outputs. For the control of shutters, valves, motors, etc. The module consists of 8 relays 250 VAC – 8 A. The module is also equipped with display LEDs indicating the status of the relay.

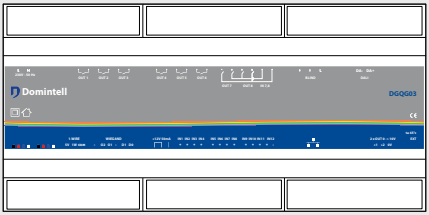
Specifications

- 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 mm^2 or 1 x 2.5 mm^2

Technical data

Power supply	bus
Power	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 50 °C

Schéma



DTRVBT01

Low Voltage motor Module

Description

Control Board 1 output for motors, valves, Velux, etc. 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.

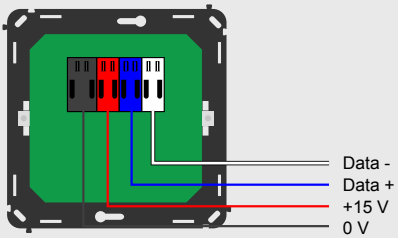
Specifications

- 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
Power	65 mA
Maximum engine power	200 W/8 A
Dimensions	L-105 mm (6 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DIN10V02

Input Module 0 -10 Vdc for DIN rail

Description

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

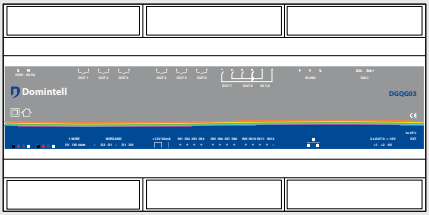
Specifications

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

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DISM04

Module with 4 inputs for dry contact

Description

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

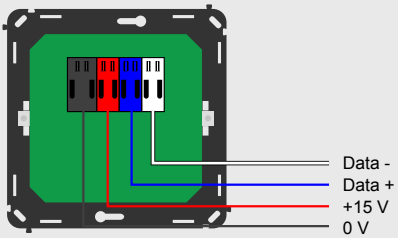
Specifications

- 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
Power	10 mA
Dimensions	46 x 28 x 15 mm
Operating temperature	-10 °C to 50 °C

Diagram



DISM08

Module with 8 inputs for dry contact

Description

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

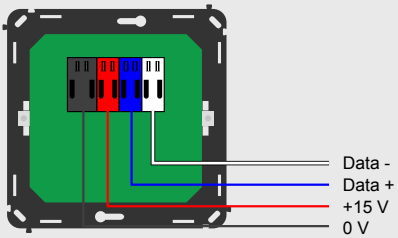
Specifications

- 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
Power	10 mA
Dimensions	46 x 28 x 15 mm
Operating temperature	-10 °C to 50 °C

Diagram



DISM20

Module with 20 inputs for dry contact

Description

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

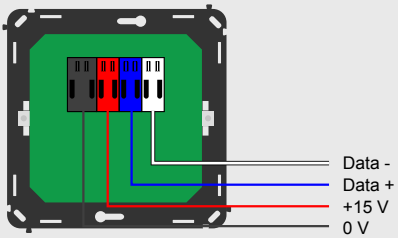
Specifications

- 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
Power	15 mA
Dimensions	Dimensions: DIN rail L-70 mm (4 modules)
Operating temperature	-10 °C to 50 °C

Diagram



TOUCHSCREENS

DTSC04

TFT Video – Color touchscreen

Description

TFT back-lit color touchscreen for the control of all home automation points and the setting of temperatures, clocks, sound, videophone, IP camera including temperature sensor, IR receiver, µSD/TF card, Ethernet connection and password. This screen also allows to vision IP camera and videophone.

Colors

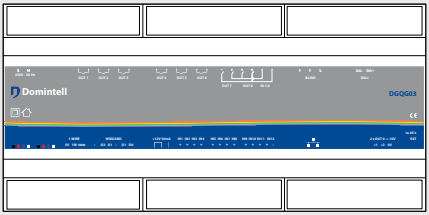
Specification

- Connection to the bus by quick
- Backlight : LED
- Ethernet Port
- Port µSDcard
- Thermostat operating range from +5°C to 40 °C
- 0.1 °C resolution
- To be mounted in a DTSCBOX02 embedding box

Technical data

Resolution	VGA 640 x 480 pixels
Colors	642140
Power supply	bus
Power	max. 260 mA (backlight aan)
Dimensions	190 x 148 x 50 mm
Operating temperature	+5 °C à 40 °C

Diagram



DTS05

TFT Video – Color touchscreen

Description

TFT back-lit color touchscreen for the control of all home automation points, as the setting of temperatures, clocks, sound, videophone, IP camera, etc. It includes built-in sensors for temperature, humidity, air pressure and air pollution (volatile organic gas), an Ethernet connection and password. This screen also allows to vision IP camera's and videophones.

Colors

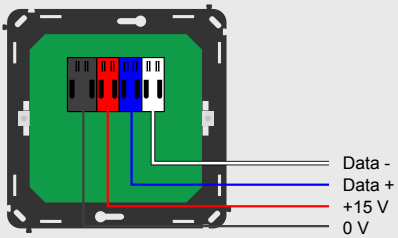
Specifications

- Backlight: LED
- Ethernet Port
- Videophone function
- Thermostat function
- Automatic regulation of luminosity
- Integrated presence detection
- To be mounted in a DTSCBOX05 embedding box

Technical data

Resolution	VGA 800 x 480 pixels
Colors	16 millions
Power supply	14 up to 18 Vdc/PoE
Power	max. 9W (backlight on)
Dimensions	198 x 136 x 32 mm
Operating temperature	+5 °C to 40 °C

Diagram



DPBRLCD02

Rainbow – LCD touchscreen – with temperature sensor

Description

Rainbow line LCD capacitive touchscreen with temperature sensor, up to 6 programmable buttons through the configuration software. The icon or picture changes depending on the output status of each button.

Colors

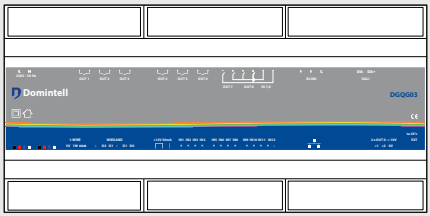
Specification

- Connection to the bus by quick
- Screen size: 3.5 inches
- Temperature sensor: all regulations are available
- Number of entries: from 1 to 6 buttons
- Features: – Local temperature: from 5 °C to 50 °C
  – Sound management with DAMPLI01
  – Mechanical ventilation management with DMV01
  – Fan coil management with DFAN01
  – Daikin RTD-NET management with DINTMB01
  – Customizable screensaver with clock, logo, temperature, customization with pictures
- To be mounted in D1722CG embedding box

Technical data

Resolution	320px x 240px
Colors	65536
Power supply	bus
Power	max. 50mA
Dimensions	122 x 85 x 11 mm
Operating temperature	0 to 50 °C

Diagram



DPBTLCD01

Domintell – LCD touchscreen

Description

Control LCD touchscreen. Setting of the number of buttons (1 to 6). The customizable picture of the button changes depending on the status of the output (follower function).

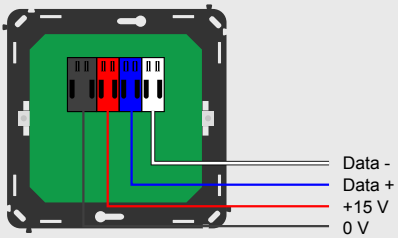
Specifications

- Connection to the bus by quick connection
- Number of inputs: 1 to 6 programmable button(s)
- Screen size: 2.2 inches
- Features: –Sound management with DAMPLI01
  - Mechanical ventilation management with DMV01
  - Fan coil management with DFAN01
  - Daikin RTD-NET management with DINTMB01
  - Customizable screensaver with clock, logo, temperature, customization with pictures
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	80 mA
Dimensions	56 x 51 x 32 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBTLCD02

Domintell – LCD touch screen – with temperature sensor

Description

Control LCD touchscreen with temperature sensor. Number of buttons setting (1 to 6). The customizable picture of the button changes depending on the status of the output (follower function).

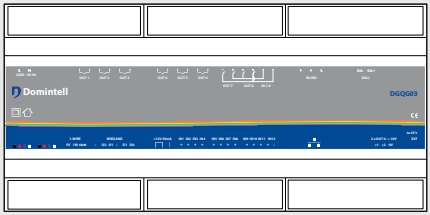
Specifications

- Connection to the bus by quick connection
- Number of inputs: 1 to 6 programmable button(s)
- Screen size: 2.2 inches
- Features: – Local temperature: from 5 °c to 50 °c
  - – Sound management with DAMPLI01
  - – Mechanical ventilation management with DMV01
  - – Fan coil management with DFAN01
  - – Daikin RTD-NET management with DINTMB01
  - – Customizable screensaver with clock, logo, temperature, customization with pictures
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	80 mA
Dimensions	56 x 51 x 32 mm
Operating temperature	-10 °C to 50 °C

Diagram



DAXPBLCD01

Bticino Axolute – Écran tactile LCD

Description

Écran tactile de contrôle. Réglage du nombre de boutons (1 à 6). L'image personnalisable du bouton change en fonction de l'état de la sortie (fonction suiveur).

Colors

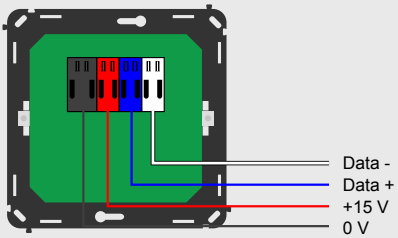
Specifications

- Connection to the bus by quick connection
- Number of inputs: 1 to 6 programmable buttons
- Screen size: 2.2 inches
- Features: – Sound management with DAMPLI01
  – Mechanical ventilation management with DMV01
  – Airco ventilation management with DFAN01
  – Daikin RTD-NET management with DINTMB01
  – Customizable screensaver with clock, logo, temperature, customization with pictures
- To be mounted in a Bticino 3 modules mounting box

Technical data

Resolution	320 x 240 pixels
Power supply	bus
Power	80 mA
Dimensions	68 x 46 x 32 mm
Operating temperature	-10 °C to 50 °C

Diagram



DAXPBLCD02

Bticino Axolute – LCD touch screen with temperature sensor

Description

Control touchscreen. Setting of the number of buttons (1 to 6). The customizable picture of the button changes depending on the status of the output (follower function). Includes temperature sensor.

Colors

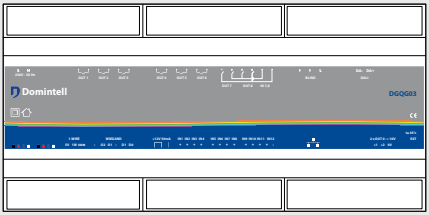
Specifications

- Connection to the bus by quick connection
- Number of inputs: 1 to 6 programmable buttons
- Screen size: 2.2 inches
- Features: – Control local temperature: from 5 °C to 50 °C
  - Sound management with DAMPLI01
  - Mechanical ventilation management with DMV01
  - Airco ventilation management with DFAN01
  - Daikin RTD-NET management with DINTMB01
  - Customizable screensaver with clock, logo, temperature, customization with pictures
- To be mounted in a Bticino 3 modules mounting box

Technical data

Resolution	320 x 240 pixels
Power supply	bus
Power	80 mA
Dimensions	68 x 46 x 32 mm
Operating temperature	-10 °C to 50 °C

Diagram




PUSH-BUTTONS

DPBR02

Rainbow – Glass button with 2 RGB keys

Description

2 keys glass touch-sensitive push-buttons with LED uplighters. Uplighters' color can be configured per key (on and off position) among 16 million colors. Both selected colors are separately dimmable.

Colors

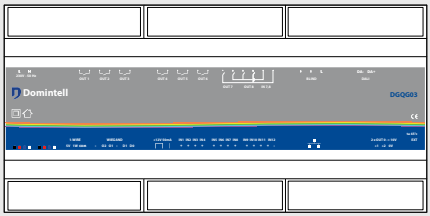
Specifications

- Connection to the bus by quick connection
- RGB LEDs 16 million colors
- To be mounted in D1722CG embedding box

Technical data

Power supply	bus
Power	max. 45 mA
Dimensions	85 mm x 85 mm x 25 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBR04

Rainbow – Glass button with 4 RGB keys

Description

4 keys glass touch-sensitive push-buttons with LED uplighters. Uplighters' color can be configured per key (on and off position) among 16 million colors. Both selected colors are separately dimmable.

Colors

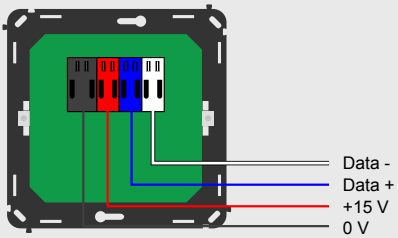
Specifications

- Connection to the bus by quick connection
- RGB LEDs 16 million colors
- To be mounted in D1722CG embedding box

Technical data

Power supply	bus
Power	max. 75 mA
Dimensions	85 mm x 85 mm x 25 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBR06

Rainbow –Glass button with 6 keys

Description

6 keys glass touch-sensitive push-buttons with LED uplighters. Uplighters' color can be configured per key (on and off position) among 16 million colors. Both selected colors are separately dimmable.

Colors

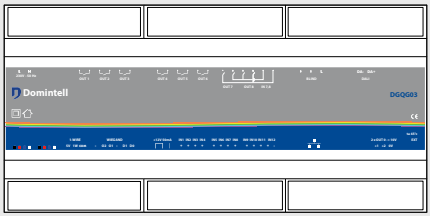
Specifications

- Connection to the bus by quick connection
- RGB LEDs 16 million colors
- To be mounted in a D1722CG embedding box

Technical data

Power supply	bus
Power	max. 105 mA
Dimensions	112 mm x 85 mm x 25 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBC01

Domintell – 1 key push-buttonpush-button, with RGBW LED and T ° probe

Description

Design push-button with dimmable signaling LED and integrated temperature sensor for thermostat function. Choice of 8 colors for signaling and follower function. «True White» technology for white.

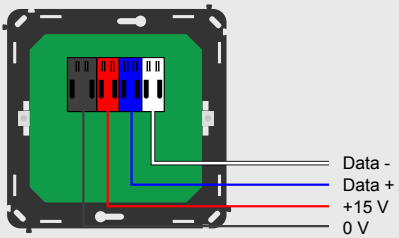
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Choice of 8 dimmable colors, including white («True White»)
- Built-in temperature sensor for thermostat function
- Operating temperature: -10 °C to 50 °C

Technical data

Power supply	bus
Power	18 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBC02

Domintell – 2 keys push-button, with RGBW LEDs and T ° probe

Description

Design push-button with dimmable LEDs and integrated temperature sensor for thermostat function. Choice of 8 colors for signalling and follower function. «True White» technology for white.

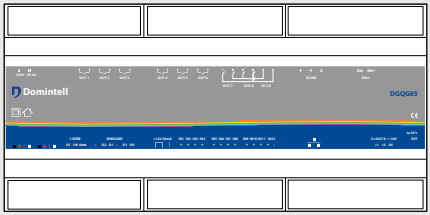
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Choice of 8 dimmable colors, including white («True White»)
- Built-in temperature sensor for thermostat function
- Operating temperature: -10 °C to 50 °C

Technical data

Power supply	bus
Power	18 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBC04

Domintell – 4 keys push-button, with RGBW LEDs and T ° probe

Description

Design push-button with dimmable LEDs and integrated temperature sensor for thermostat function. Choice of 8 colors for signalling and follower function. «True White» technology for white.

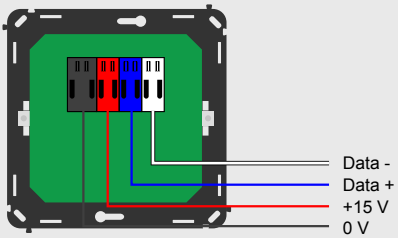
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Choice of 8 dimmable colors, including white («True White»)
- Built-in temperature sensor for thermostat function
- Operating temperature: -10 °C to 50 °C

Technical data

Power supply	bus
Power	18 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBC06

Domintell – 6 keys push-button, with RGBW LEDs and T ° probe

Description

Design push-button with dimmable LEDs and integrated temperature sensor for thermostat function. Choice of 8 colors for signalling and follower function. «True White» technology for white.

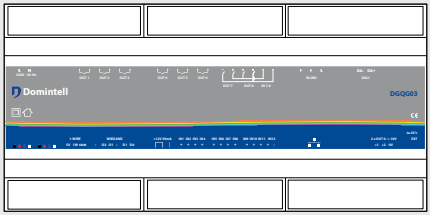
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Choice of 8 dimmable colors, including white («True White»)
- Built-in temperature sensor for thermostat function
- Operating temperature: -10 °C to 50 °C

Technical data

Power supply	bus
Power	18 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



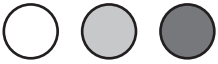
DPBT01

Domintell – 1 key push-button

Description

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

Colors



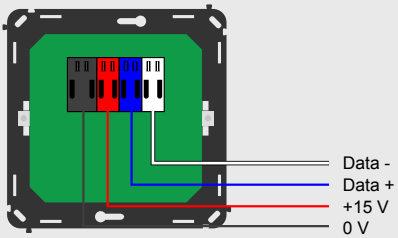
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	max. 18 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



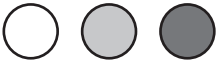
DPBT02

Domintell – 2 keys push-button

Description

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

Colors



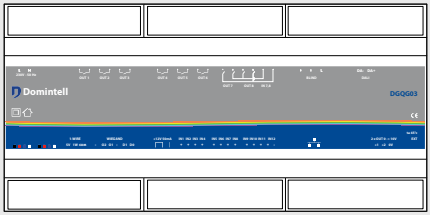
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	max. 21 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



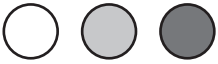
DPBT04

Domintell – 4 keys push-button

Description

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

Colors



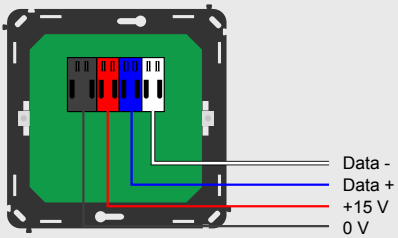
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	max. 26 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



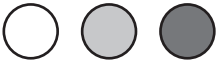
DPBT06

Domintell – 6 keys push-button

Description

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

Colors



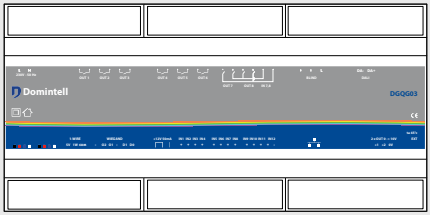
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	max. 26 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DLSQD

Metal Square - Push-button

Description

Built-in push-button. The Metal Square series contains a spectrum of 7 very diverse finishes, in massive high-end material, which allows you to personalize your Square buttons The Square series can be perfectly integrated in any interior. RGB LED backlight. Available in a wide range of combinations.

Colors

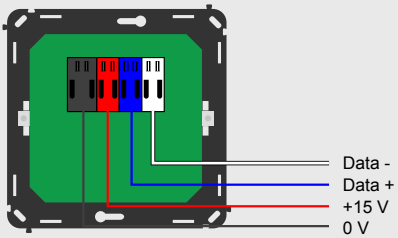
Specifications

- Bus connection by quick connection
- LEDs RGB: 8 million colors
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	max. 75 mA (4 keys)
Dimensions	85 x 85 x 25 mm
Operating temperature	0 °C to 45 °C

Diagram



DLNID

Metal Select - Push-button

Description

The Metal Select series contains a spectrum of 13 very diverse finishes, in massive high-end material, which allows you to personalize your SELECT buttons. RGB LED backlight. Available in a wide range of combinations.

Colors

pilot

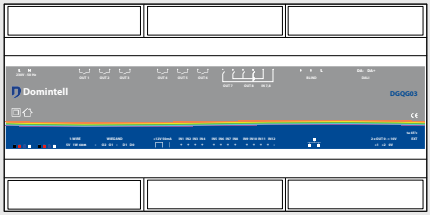
Specifications

- Bus connection by quick connection
- LEDs RGB: 8 million colors
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	max. 75 mA (4 keys)
Dimensions	85 x 85 x 25 mm
Operating temperature	0 °C to 45 °C

Diagram



DNIPB01

Niko Pure – 1 key push-button

Description

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

Colors

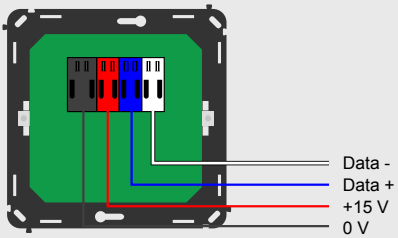
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	21 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DNIPB02

Niko Pure – 2 keys push-button

Description

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

Colors

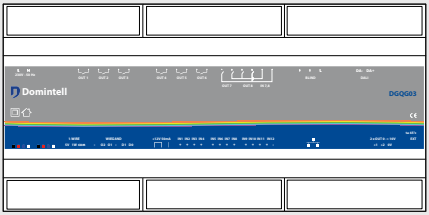
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	23 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DNIPB04

Niko Pure – 4 keys push-button

Description

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

Colors

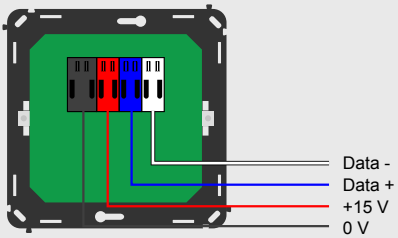
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	26 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DNIPB06

DALI DIN Rail power supply

Description

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

Colors

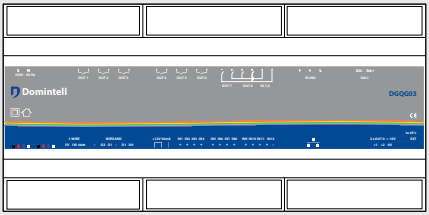
Specifications

- Connection to the bus by quick connection
- To be mounted in a standard embedding box
- Bi-color and dimmable LEDs: blue/red

Technical data

Power supply	bus
Power	31 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBECO01

Eco Line – 1 key push-button

Description

Push-button with red signaling light and dimmable.

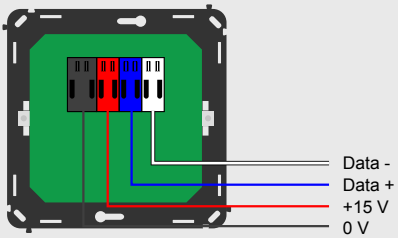
Specifications

- Connection to the bus by quick connection
- Feedback LED configurable in red
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	20 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBECO02

Eco Line – 2 keys push-button

Description

Push-button with red signaling lights and dimmable.

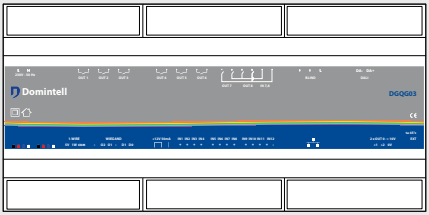
Specifications

- Connection to the bus by quick connection
- Feedback LED configurable in red
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	25 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBECO04

Eco Line – 4 keys push-button

Description

Push-button with red signaling lights and dimmable.

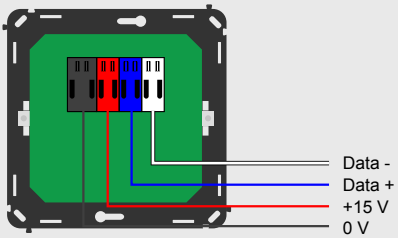
Specifications

- Connection to the bus by quick connection
- Feedback LED configurable in red
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	25 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBU01

Bticino Living • Light – 1 key push-button

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

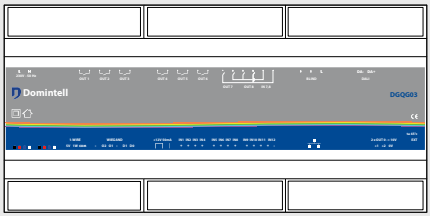
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 2 modules or standard embedding box
- Bi-color LEDs: blue/red

Technical data

Power supply	bus
Power	20 mA
Dimensions	44 x 44 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBU02

Bticino Living • Light – 2 keys push-button

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

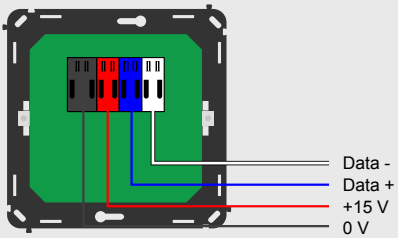
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 2 modules or standard embedding box
- Bi-color LEDs: blue/red

Technical data

Power supply	bus
Power	30 mA
Dimensions	66 x 44 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DPBU04

Bticino Living • Light – 4 keys push-button

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

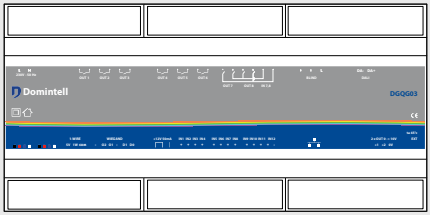
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 3 modules or standard embedding box
- Bi-color LEDs: blue/red

Technical data

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

Diagram



DPBU06

Bticino Living • Light – 6 keys push-button

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

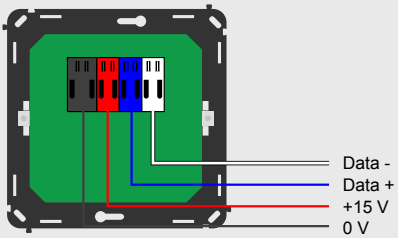
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 3 modules or standard embedding box
- Bi-color LEDs: blue/red

Technical data

Power supply	bus
Power	70 mA
Dimensions	66 x 44 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DAXPB01

Bticino Axolute – 1 key push-button

Description

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

Colors

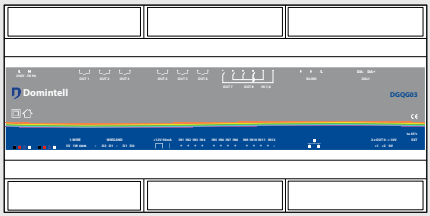
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 2 modules or standard embedding box
- Bicolor and dimmable LEDs: blue / red

Technical data

Power supply	bus
Power	18 mA
Dimensions	45.5 x 45.5 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DAXPB02

Bticino Axolute – 2 keys push-button

Description

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

Colors

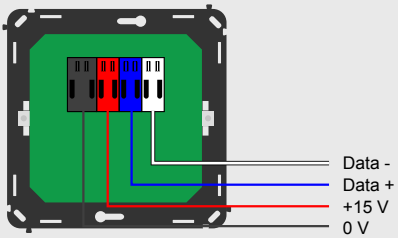
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 2 modules or standard embedding box
- Bicolor and dimmable LEDs: blue / red

Technical data

Power supply	bus
Power	21 mA
Dimensions	45.5 x 45.5 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DAXPB04

Bticino Axolute – 4 keys push-button

Description

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

Colors

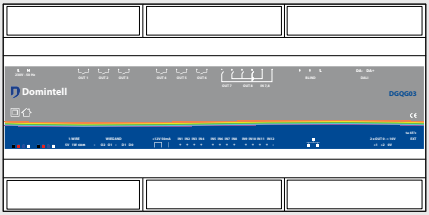
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 3 modules or standard embedding box
- Bicolor and dimmable LEDs: blue / red

Technical data

Power supply	bus
Power	26 mA
Dimensions	67.5 x 45.5 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram



DAXPB06

Bticino Axolute – 6 keys push-button

Description

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

Colors

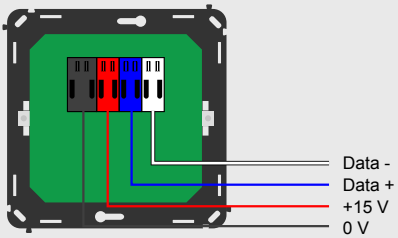
Specifications

- Connection to the bus by quick connection
- To be mounted in a Bticino 3 modules or standard embedding box
- Bicolor and dimmable LEDs: blue / red

Technical data

Power supply	bus
Power	31 mA
Dimensions	67.5 x 45.5 x 26 mm
Operating temperature	-10 °C to 50 °C

Diagram




FEATURES

DD400L

Universal Dimmer 400W

Description

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

Specifications

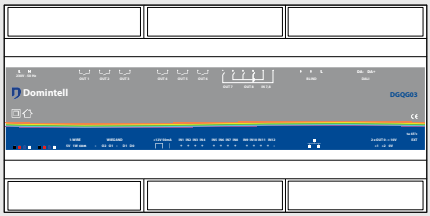
- Maximum number of LED lamps: 30
- Minimum load: 0 W
- Fuse on front panel: 20 mm – 2.5 A
- Essential connection to the cable DDIM01 provided

Technical data

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

FEATURES

Diagram



DD500

Dimmer 500 W

Description

500 W Module dimmer with fast connection to the DDIM01 card. It is capable of dimmer incandescent or conventional halogen lamps 230v but not the LEDs.

FEATURES

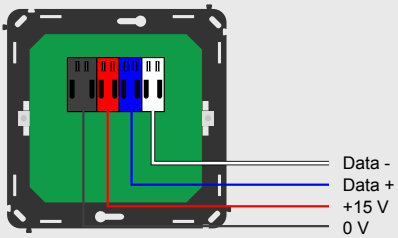
Specifications

- Minimum load: 35 W
- Fuse on front panel: 20 mm – 2.5 A
- To be mounted on DIN Rail
- Essential connection to the cable DDIM01 provided

Technical data

Power supply	230 Vac 50hz
Output power	500 W
Dimensions	L-35mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DD750

Dimmer 750 W

Description

750 W Module dimmer with fast connection to the DDIM01 card. It is capable of dimmer incandescent or conventional halogen lamps 230v but not the LEDs.

Specifications

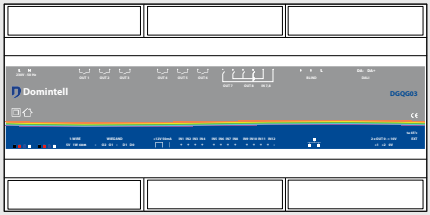
- Maximum number of LED lamps: 30
- Minimum load: 35 W
- Fuse on front panel: 20 mm – 2.5 A
- Essential connection to the cable DDIM01 provided

Technical data

Power supply	230 Vac 50hz
Output power	750 W
Dimensions	L-35mm (2 modules)
Operating temperature	-10 °C to 50 °C

FEATURES

Diagram



DD1000

Dimmer 1000 W

Description

1000 W Module dimmer with fast connection to the DDIM01 card. It is capable of dimmer incandescent or conventional halogen bulbs 230 V but not the LEDs.

FEATURES

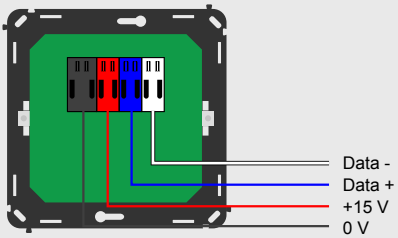
Specifications

- Minimum load: 100 W
- Fuse on front panel: 20 mm – 5 A
- To be mounted on DIN Rail
- Essential connection to the cable DDIM01 provided

Technical data

Power supply	230 Vac
Output power	1000 W
Dimensions	L-70 mm (4 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DOUT10V02

Output module 0 -10 V – DIN rail

Description

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

Specifications

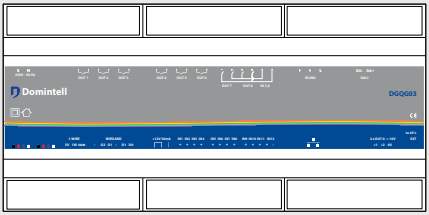
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Modes: 0 - 10 Vdc and 1 - 10 Vdc
- Number of outputs: 1
- Maximum Consumer/output: 20
- The 0/1 - 10 Vdc input connected to this module must be isolated from the ground

Technical data

Power supply	bus
Power	60 mA
Dimensions	L-35mm (2 modules)
Operating temperature	-10 °C to 50 °C

FEATURES

Diagram



DINTDALI01

DALI interface

Description

Interface for DALI bus (Digital addressable lighting Interface). Manages the DALI system for fluorescent tubes and LED lamps.

FEATURES

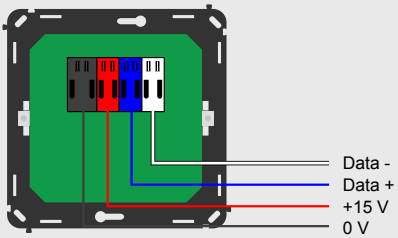
Specifications

- 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

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DALIDRAIL

DALI DIN Rail power supply

Description

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

Specifications

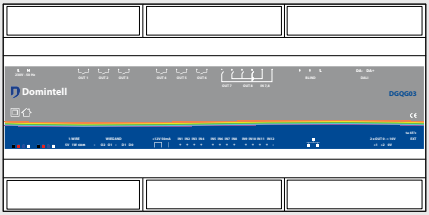
- 64 DALI adresses
- Status LED
- DALI security against short circuit and overheating
- To be mounted on DIN rail (2 modules)

Technical data

Power supply	250 mA

FEATURES

Diagram



DAMPLI01

Multiroom Audio Amplifier Module and 4 FM tuners

Description

This 4-zone audio amplifier allows the diffusion of different music sources in the house. The module is equipped with 4 FM tuners, 4 auxiliary inputs and 4 auxiliary outputs. 4 pairs of speakers can be connected to the DAMPLI01 module.

FEATURES

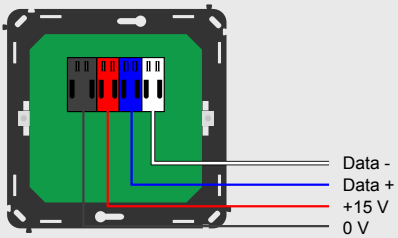
Specifications

- Consumption: 30 mA on the bus
- Connection to the bus via RJ 45
- Dimensions: 365 x 255 x 70 mm
- Power supply: 230 Vac
- Output power: 4 x 20 W RMS stereo
- Auxiliary inputs: 4
- Auxiliary outputs: 4
- Speaker Outputs: 4 pairs (8 Ohms)
- Built-in FM tuners: 4
- Operating Temperature: -10 °C to 50 °C

Technical data

Power supply	230 Vac
Power	30 mA on the bus
Output power	4 x 20 W RMS stereo
Dimensions	365 x 255 x 70 mm
Operating temperature	-10 °C to 50 °C

Diagram



DNET01

Universal Ethernet interface

Description

Ethernet communication module which allows the configuration and the control of the Domintell installation from a local network (LAN) or Internet. Grants the direct control of the installation through the Domintell Pilot app, with 8 simultaneous mobile devices (Android or Apple).
The DNET01 includes the following services:
• It now uses encrypted and secure connection by password (Secure WebSocket Protocol).
• Automatic modem Configuration for easy access from the Internet (port forwarding/routing ports via UPnP).
• Automatic domain name update (DDNS) associated with the public IP of the possible modem (managed vendors: DynDNS, No-IP and others).
• Recording in a log of the events/actions of the installation.
• Recording of all analog values in the system (temperature, etc.)

FEATURES

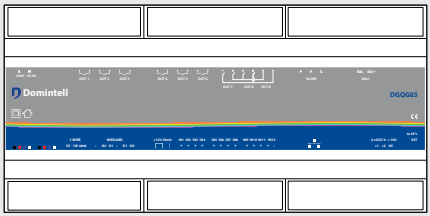
Specificatie

- To be mounted on DIN Rail
- Network connection: RJ45

Technische gegevens

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

Schema



DETH02

Ethernet/Internet Interface – Smartphones/Tablets

Description

Ethernet communication module of the old generation. Only to be used on existing Domintell installations that still have to work with the Domintell2 software. The new masters DGQG02/03/04 integrate presently these functions. Usage: Light Protocol (equivalent to DRS23202), NTP, Net-BIOS, password encryption library. For further details, refer to the communication interface manual.

FEATURES

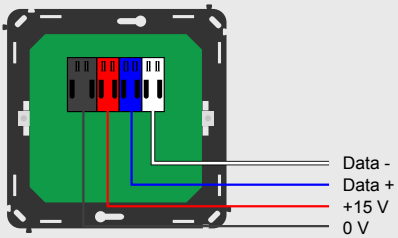
Specifications

- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Network connection: RJ45
- Service: NetBIOS Name
- Service: Network Time Protocol (NTP)

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DETH03

DALI DIN Rail power supply

Description

Ethernet communication module of the old generation. Only to be used on existing Domintell installations that still have to work with the Domintell2 software. The new masters DGQG02/03/04 integrate presently these functions.
Usage: Light Protocol (equivalent to DRS23202), NTP, Net-BIOS, password encryption library.
For further details, refer to the communication interface manual.

Specifications

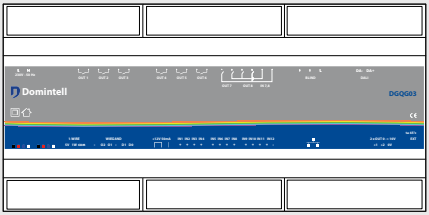
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Network connection: RJ45
- Service: NetBIOS Name
- Service: Network Time Protocol (NTP)

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

FEATURES

Diagram



DGSM01

GSM – Two-way SMS communication Module

Description

GSM communication Module. Allows you to send and receive SMS information and order. Access filter allowing authorized numbers to control the installation. Batteries for sending alarm messagesin case of power failure of the installation.

FEATURES

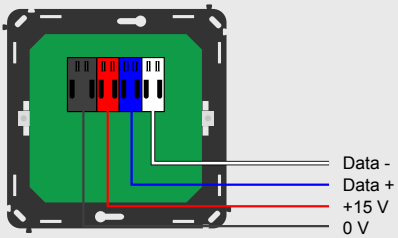
Specifications

- Connection to the bus by quick connection
- Accessible SIM card housing
- LED control of the load of the battery and the quality of the reception
- Possibility of sending and receiving SMS at 200 phone numbers

Technical data

Power supply	bus
Power	100 mA
Dimensions	L170 x 113 x 35 mm
Operating temperature	-10 °C to 50 °C

Diagram



DRS23201

RS232 Interface

Description

Interface between the Domintell bus and an RS232 input/output. This module allows interconnection with systems such as: air conditioning, alarm, home video, etc. The information is issued and received by text messages.

Specifications

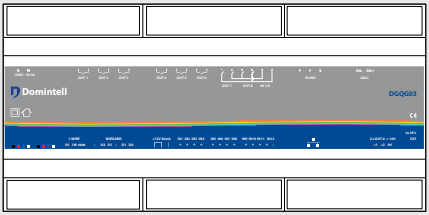
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Connecting to peripherals by female RS232 connector (DB9)

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

FEATURES

Diagram



DRS23202

RS232 – Light Protocol Interface

Description

Interface between the Domintell bus and an RS232 input/output. Usage: Light protocol (equivalent to DETH02). Allows connection with various control systems such as: PC, screens, etc. Actions on the Domintell system executed by text code.

FEATURES

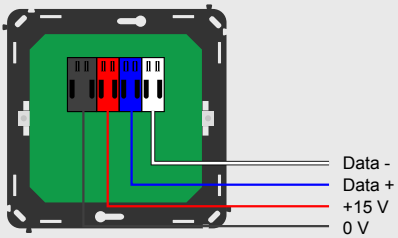
Specifications

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

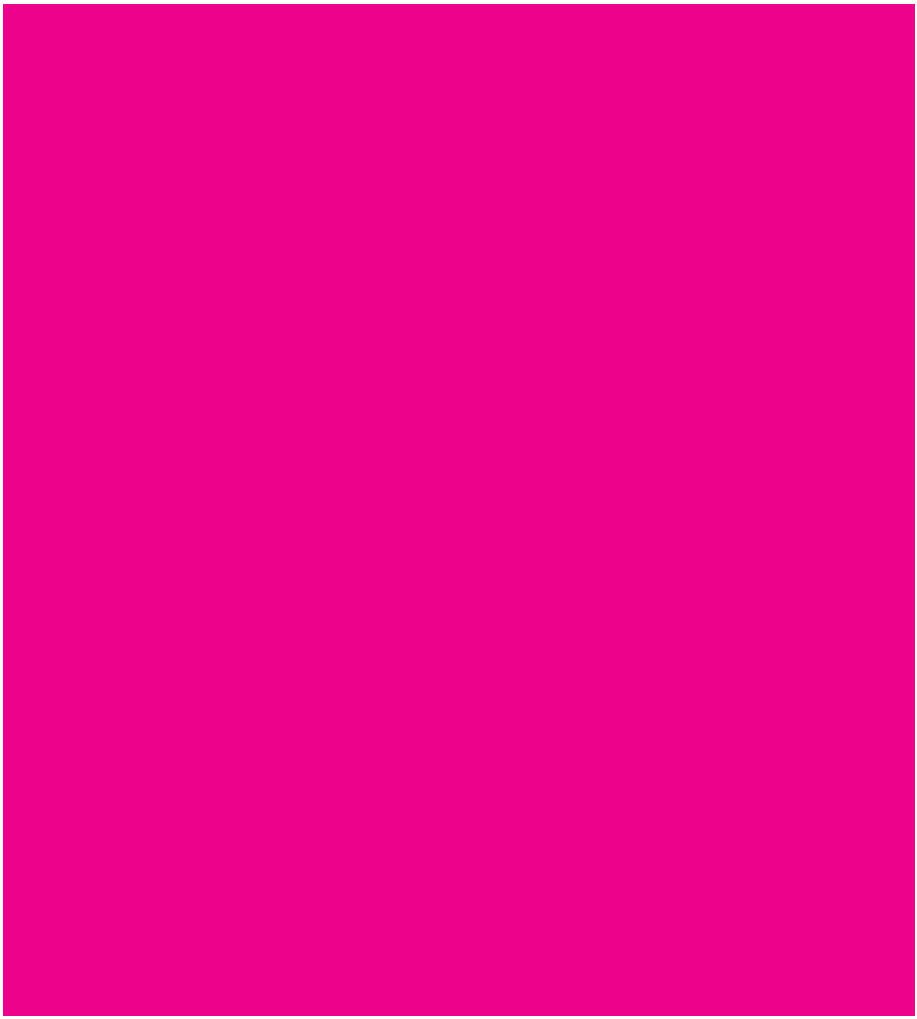
Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

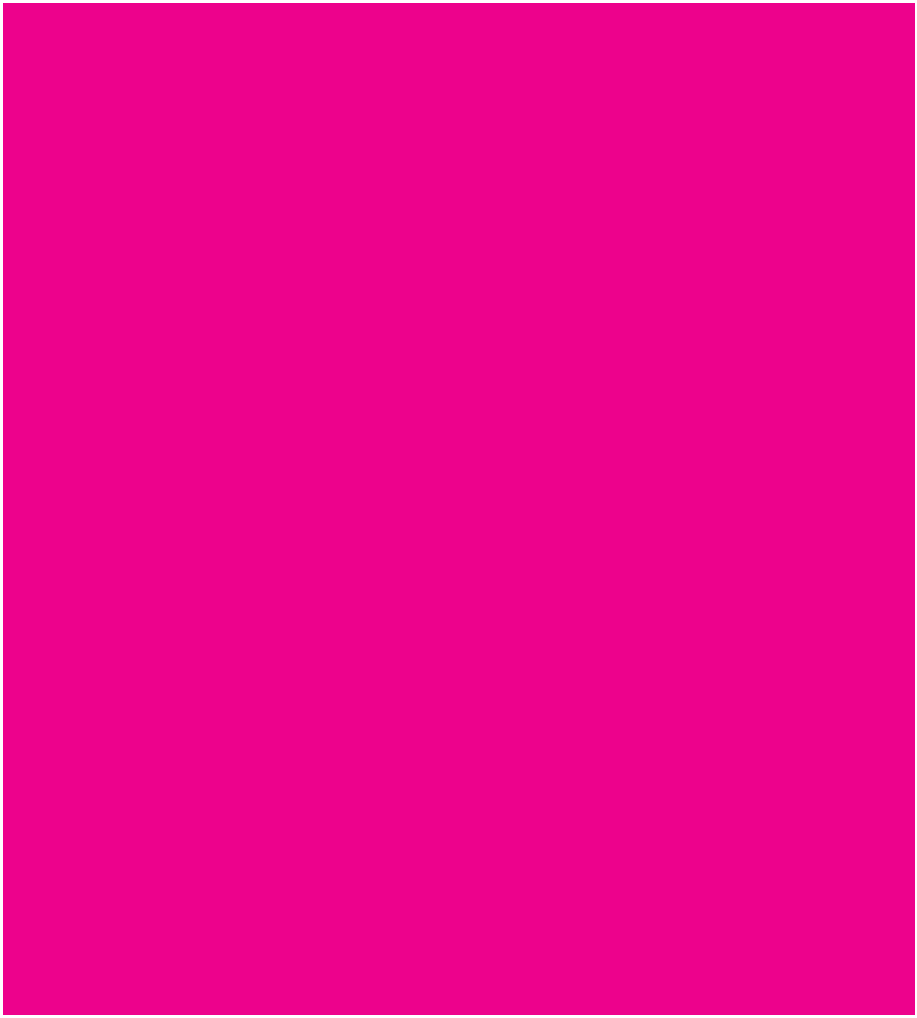
Diagram



DLIGHT



DDIMLV01



DDIM01

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 V/1-10 V (DD10V). The module simultaneously manages the dimmers with different power and tensions.

Specifications

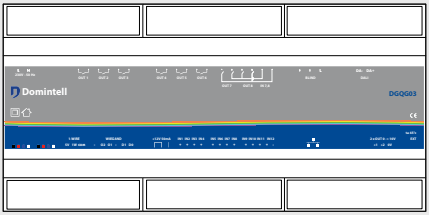
- Connection to the bus by quick connection
- To be mounted on DIN rail
- Number of outputs: 8
- Obligatory connection of the phase of the controlled dimmer to the DDIM to obtain the right synchronisation

Technical data

Power supply	bus 230 Vac/50 Hz
Power	150 mA/card
Dimensions	L-70 mm (4 modules)
Operating temperature	-10 °C to 50 °C

FEATURES

Diagram



DD10V

Dimmer 0-10 V connected via the DDIM01

Description

Module that allows control of dimmers as well as controlling electronic ballasts in 0-10v or 1-10v.

FEATURES

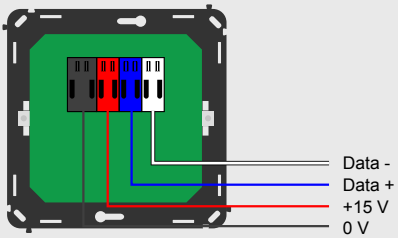
Specifications

- Modes: 0-10 V & 1-10 V
- Maximum number controllable outputs: 1
- To be mounted on DIN rail
- Required connection to DDIM01 through the provided cable

Technical data

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

Diagram



DDMX01

DMX512 interface

Description

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

Specifications

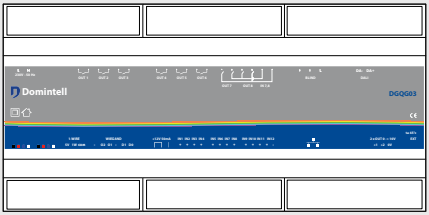
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Number of outputs: 1
- Number of managed DMX channels: 64 (max. 8 DMX drivers of 8 channels)
- Connecting to the DMX device: data +, data –, mass

Technical data

Power supply	bus
Power	100 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

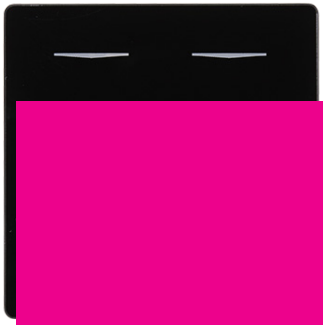
FEATURES

Diagram



DDMX02

3.3A Power supply – Stabilized



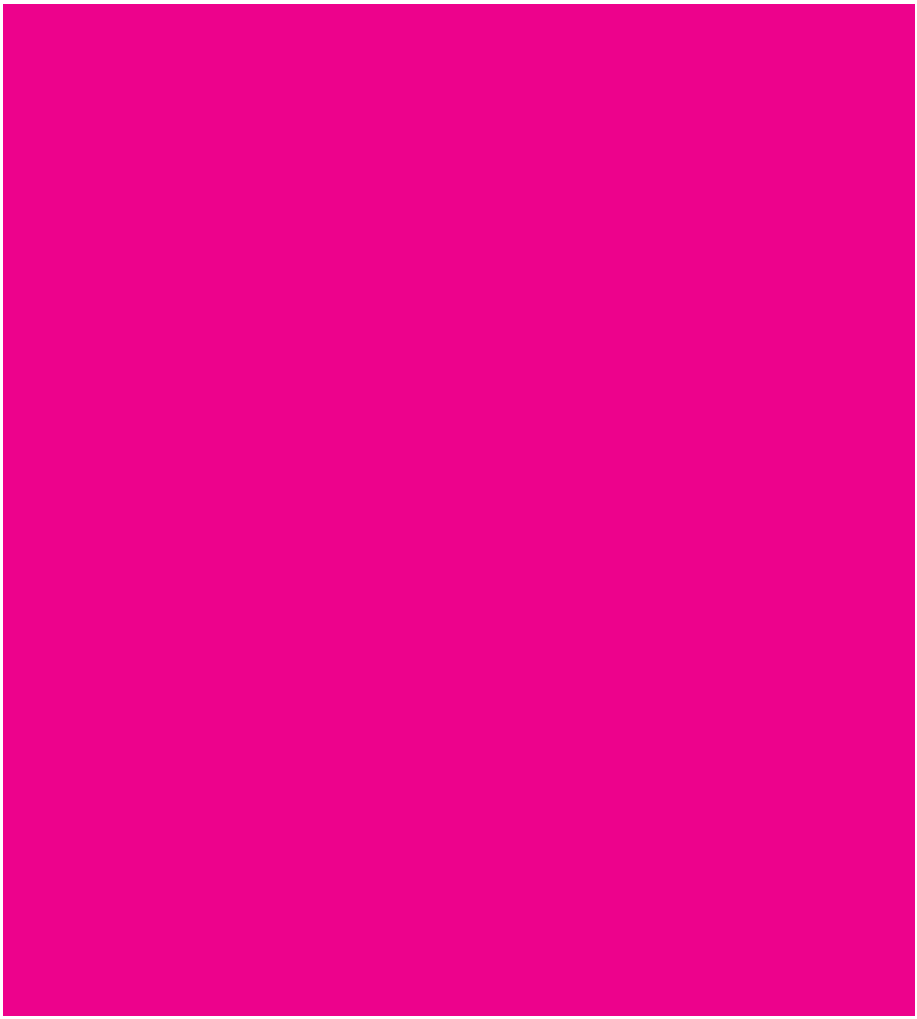
Description

Unité centrale de contrôle de l'installation Domintell, avec alimentation intégrée. Connexion Ethernet pour

es

.

FEATURES



DTEM01

Temperature measuring module

Description

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

FEATURES

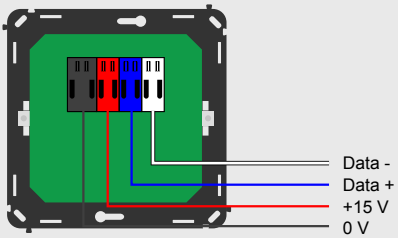
Specifications

- Connection to the bus by quick connection
- 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

Technical data

Power supply	bus
Power	10 mA
Dimensions	46 x 28 x 15 mm
Operating temperature	-10 °C to 50 °C

Diagram



DINTMB01

Modbus Interface – Daikin

Description

To improve the management of climate control, Domintell has developed a Modbus management interface: DINTMB01. DINTMB01 supports the DAIKIN RTD-NET connection. RTD-NET is a Modbus interface for the monitoring and control of a VRV Daikin system and the Skyair series of air-conditioned and ventilation systems VAM and VKM. These elements must be connected to the Daikin bus P1/P2.

Specifications

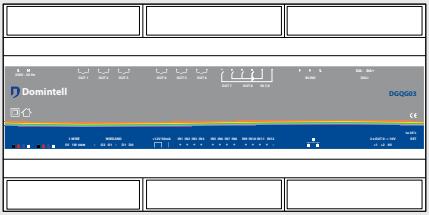
- Connection to the Domintell bus by quick connection
- Connection to Modbus by the screw connectors
- To be mounted on DIN Rail
- All HVAC equipment must be configured by a Daikin certified technician

Technical data

Power supply	bus
Power	40 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

FEATURES

Diagram



DFAN01

Air conditioning and ventilation module

Description

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

FEATURES

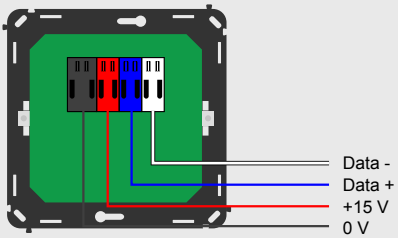
Specifications

- 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 mm^2 or 1 x 2.5 mm^2

Technical data

Power supply	bus
Power	95 mA/card (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 50 °C

Diagram



DMV01

Ventilation control module

Description

Control module of the speed (3) for most mechanically controlled ventilation systems.

Specifications

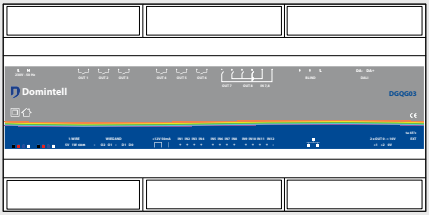
- Connection to the bus by quick connection
- To be mounted on DIN Rail
- Number of outputs: 3 outputs max 3 A/250 V for fan speed + 2 auxiliary outputs
- 2 separate power supplies possible
- Relay features at 30 °C: AC1 = 900 VA, AC15 = 200 VA
- Pullout connection 2 x 1.5 mm^2 or 1 x 2.5 mm^2
- Operating temperature: -10 °C to 50 °C

Technical data

Power supply	bus
Power	95 mA/card (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 50 °C

FEATURES

Diagram



DVIP01

Videophone 1 button

Description

Color videophone integrated into the Domintell system and running on IP. Available in light grey – aluminium. DVIP01 has one button and is equipped with a O-LED screen programmable by the Domintell configuration software.

FEATURES

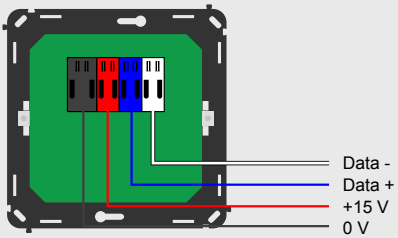
Specifications

- Connection: bus by RJ11 – Ethernet by RJ45
- Horizontally adjustable color camera +/- 25 °
- Wide viewing angle: 120 °
- To be mounted in the DVIPBOX01 embedding box
- Built-in light sensor that allows LED night lighting
- Operating temperature: -20 °C to 45 °C

Technical data

Power supply	bus
Power	2.5 W
Dimensions	Dimensions: 154 mm H x 117 L x 60 D
Operating temperature	-20 °C to 45 °C

Diagram



DVIP02

Videophone 2 buttons

Description

Color videophone integrated into the Domintell system and running on IP. Available in light grey – aluminium. DVIP02 has two buttons (2 zones) andis equipped with a O-LED screen programmable by the Domintell configuration software.

Specifications

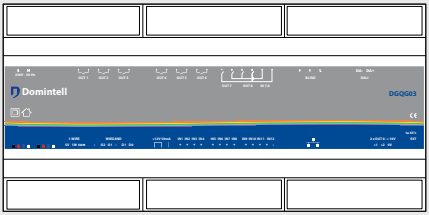
- Connection: bus by RJ11 – Ethernet by RJ45
- Horizontally adjustable color camera +/- 25 °
- Wide viewing angle: 120 °
- To be mounted in the DVIPBOX01 embedding box
- Built-in light sensor that allows LED night lighting
- Operating temperature: -20 °C to 45 °C

Technical data

Power supply	bus
Power	2.5 W
Dimensions	Dimensions: 154 mm H x 117 L x 60 D
Operating temperature	-20 °C to 45 °C

FEATURES

Diagram




SENSORS

DMOV06

DALI DIN Rail power supply

Description

DMOV05

Motion Detector – PIR interface

Description

PIR (Passive InfraRed) motion Detector with interface to the Domintell bus. Adjustment of the sensitivity by the configuration software. Especially suitable for the ceiling but also in integration in the walls.

Specifications

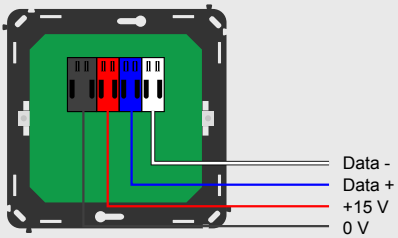
- Connection to the bus by quick connection
- Operating distance up to 6 m
- Detection angle: +/- 100 ° Y-axis, +/- 80 ° X-axis
- IP40, not adapted for outdoor operation

Technical data

Power supply	bus
Power	Max 15 mA
Dimensions (without cable)	85 x 15 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



DMOV02

Motion Detector – Non-recessed

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. Non-recessed detector.

Specifications

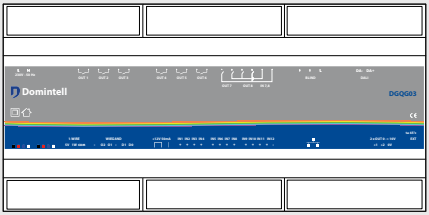
- Connection to the bus by terminal blocks
- Operating distance up to 6 m
- Detection angle: +/- 100 ° horizontal, +/- 80 ° vertical
- IP40, not adapted for outdoor operation

Technical data

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

SENSORS

Diagram



DNIMOV01

Niko Pure – Integrated motion detector

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

Specifications

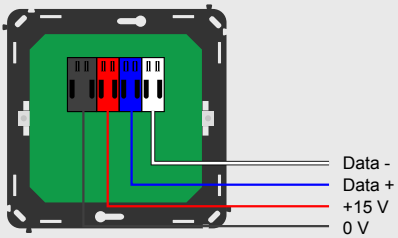
- Operating distance up to 6 m
- Return indication by red LED
- Detection Angle: ± 100 ° horizontal, ± 80 ° vertical
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	15 mA
Dimensions	55 x 55 x 30 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



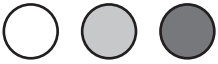
DTMOV03

Domintell – Integrated Motion detector

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



Specifications

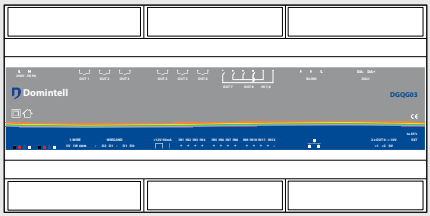
- Connection to the bus by quick connection
- Operating distance up to 6 m
- Detection Angle: +/- 100 ° horizontal, +/- 80 ° vertical
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	15 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



DMOV01

Bticino Living•Light – Integrated motion detector

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

Specifications

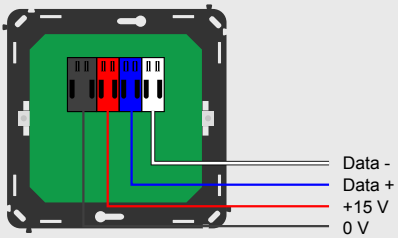
- Connection to the bus by quick connection
- Operating distance up to 6 m
- Detection angle: +/- 100 ° horizontal, +/- 80 ° vertical
- To be mounted in a Bticino 2 modules or standard embedding box

Technical data

Power supply	bus
Power	15 mA
Dimensions	44 x 44 x 26 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



DAXMOV04

Bticino Axolute – Integrated motion detector

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

Specifications

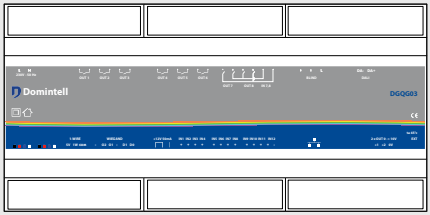
- Connection to the bus by quick connection
- Operating distance up to 6 m
- Detection angle: +/-100 ° horizontal, +/– 80 ° Vertical
- To be mounted in a Bticino 2 modules or standard embedding box

Technical data

Power supply	230 Vac
Power	15 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

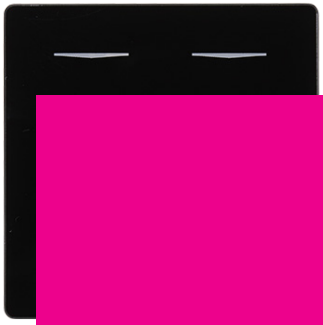
SENSORS

Diagram



DENV01

3.3A Power supply – Stabilized



Description

Unité centrale de contrôle de l'installation Domintell, avec alimentation intégrée. Connexion Ethernet pour

Sp

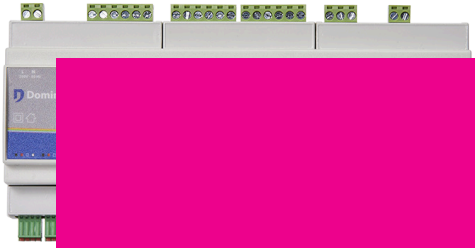
- 64
- St
- DA
- To

SENSORS

Di

DENV02

DALI DIN Rail power supply

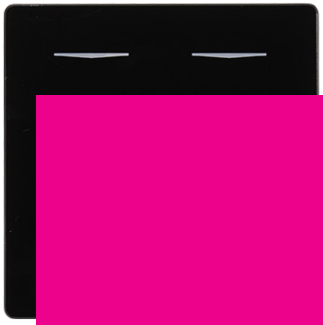


Description

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

DWIND

3.3A Power supply – Stabilized



Description

Unité centrale de contrôle de l'installation Domintell, avec alimentation intégrée. Connexion Ethernet pour

Sp

- 64
- St
- DA
- To

SENSORS

Di

DMONOELEC01

Measuring Module – Single-phase consumption

Description

The DMONOELEC01 measures the energy (Wh) on a phase of an electrical installation. The frequency, RMS voltage and RMS current are also measured. The measuring clip is included with the module.

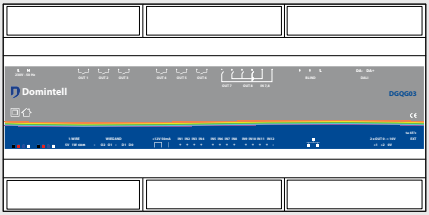
Specifications

- Max. RMS voltage input: 389 V
- Min. RMS voltage input: 80 V
- Max. RMS input current: 64 A
- Min. RMS input current: 200 mA
- Min. charge: 50 W
- Frequency of the network: 50 Hz or 60 Hz
- Current measuring probe included
- Measurement U, I, Wh
- Curve readable on DTSC0x touchscreen: daily, weekly, monthly
- To be mounted on DIN rail

Technical data

Power supply	bus
Power	40 mA
Dimensions	L-35 mm (2 modules)
Operating temperature	-10 °C to 50 °C

Diagram



DTRIELEC01

Measuring Module – three-phase consumption

Description

The DTRIELEC01 measures the energy (Wh) on a three-phase electrical installation. The frequency, RMS tension and RMS current are also measured. The reference also includes the 3 measuring pliers.

Specifications

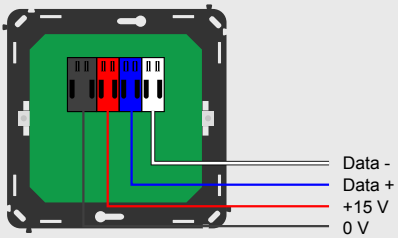
- Max. RMS voltage input : 389 V
- Min. RMS voltage input : 80 V
- Max. RMS input current : 64 A
- Min. RMS input current : 200 mA
- Min. charge: 50 W
- Frequency of the network: 50 Hz or 60 Hz
- 3 Current measuring probes included
- Measurement U, I, Wh
- Possible configurations: 3 Phases in webs – 4 wires
  3 Phases triangle – 4 wires
  3 Phases with common neutral
- Curve readable on DTSC0x touchscreen : daily, weekly, monthly
- To be mounted onDIN rail

Technical data

Power supply	bus
Power	40 mA
Dimensions	L-70 mm (4 modules)
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



DDIR01

IR sensor

Description

Infrared decoder that allows the decoding of 32 channels emitted by a Domintell remote control or a Domintell universal IR remote.

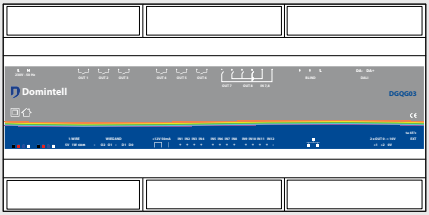
Specifications

- Connection to the bus by quick connection
- Number of channels per module: 32
- Infrared probe frequency: 38 kHz
- Each infrared decoder is programmable independently
- Infrared sensor diameter with protection: 21 mm
- Drill diameter: 17 mm
- Probe depth: 32 mm

Technical data

Power supply	bus
Power	12 mA
Dimensions	46 x 28 x 15 mm
Operating temperature	-10 °C to 50 °C

Diagram



DDIR02

Bticino Living Light – integrated infrared receiver

Description

The decoding module and the infrared sensor are integrated. Allows the decoding of 32 channels emitted by a Domintell infrared remote control or a Domintell universal IR remote.

Colors

Specifications

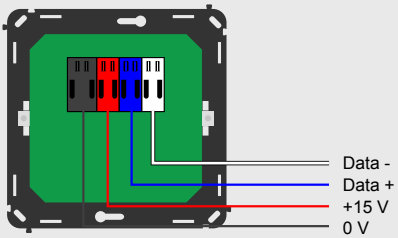
- Connection to the bus by quick connection
- Number of channels per module: 32
- Infrared probe frequency: 38 kHz
- Each infrared decoder is programmable independently
- To be mounted in a Bticino 2 modules or standard embedding box

Technical data

Power supply	bus
Power	12 mA
Dimensions	45.5 x 45.5 x 26 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



DNIDIR01

Niko Pure – Integrated IR sensor

Description

The decoding module and the infrared sensor are integrated. Allows the decoding of 32 channels emitted by a Domintell infrared or universal IR remote control.

Colors

Specifications

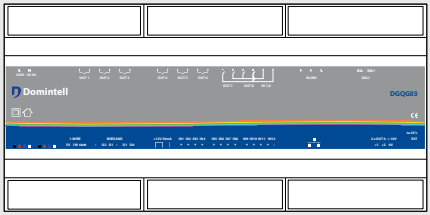
- Connection to the bus by quick connection
- Number of channels per module: 32
- Infrared probe frequency: 38 kHz
- Each infrared decoder is programmable independently
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	12 mA
Dimensions	45.5 x 45.5 x 26 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



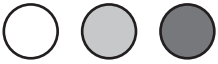
DTDIR03

Domintell – Integrated infrared receiver

Description

The decoding module and the infrared sensor are integrated. Allows the decoding of 32 channels emitted by a Domintell infrared or universal IR remote control.

Colors



Specifications

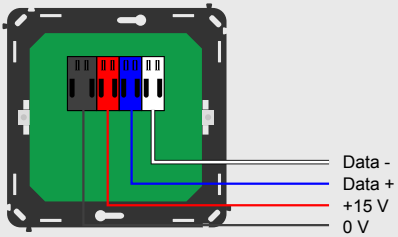
- Connection to the bus by quick connection
- Number of channels per module: 32
- Infrared probe frequency: 38 kHz
- Each infrared decoder is programmable independently
- To be mounted in a standard embedding box

Technical data

Power supply	bus
Power	12 mA
Dimensions	55 x 40 x 26 mm
Operating temperature	-10 °C to 50 °C

SENSORS

Diagram



DAXDIR04

Bticino Axolute – Integrated infrared receiver

Description

The decoding module and the infrared sensor are integrated. Allows the decoding of 32 channels emitted by a Domintell infrared or universal IR remote control.

Colors

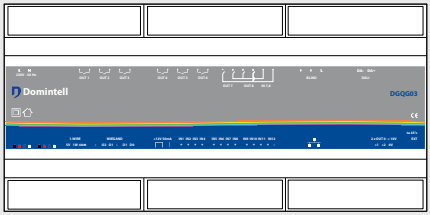
Specifications

- Power supply: bus
- Consumption 12 mA
- Connection to the bus by quick connection
- Dimensions: 45.5 x 45.5 x 26 mm
- Number of channels per module: 32
- Infrared probe frequency: 38 kHz
- Each infrared decoder is programmable independently
- To be mounted in a Bticino 2 modules or standard embedding box
- Operating Temperature: -10 °C to 50 °C

Technical data

Power supply	230 Vac
Power	< 5 W
Dimensions	L-105 mm (6 modules)
Operating temperature	-10 °C to 50 °C

Diagram



ACCESSORIES

DLED01

4 (signaling) LEDs Module

Description

Allows the connection of 4 LEDs. The LEDs can be programmed according to the state of the system or permanently on.

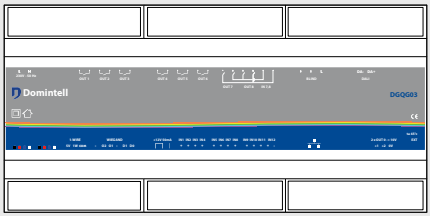
Specifications

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

Technical data

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

Diagram



D7422

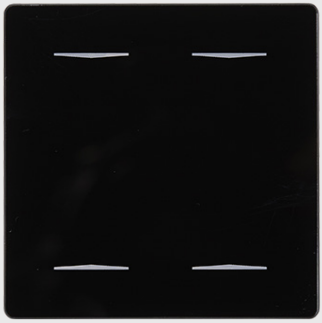
Eco Line - Support with hooks

Description

Simple support for Eco Lines. Delivered with the references: DPBECO01- DPBECO02 and DPBECO04. Required for all sockets and accessories from the Eco line. Can be used with standard mounting boxes.

D74422TB

Eco Line – Frame – Single



Description

Single frame for Eco Line.

D74422T

Eco Line – Frame – Double

Description

Double frame for Eco Line.

D7658

Eco Line – TV Socket

Description

Eco Line Coax TV socket

D7688

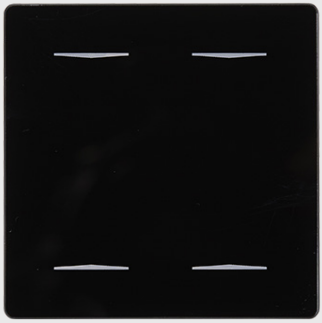
Eco Line – Socket cover

Description

Socket cover for ECO Line. 1 module wide.

D7664CS

Eco Line – RJ45 Socket



Description

Eco Line RJ45 socket

D7648FRB

Eco Line – 230V Socket

Description

230V Eco Line Socket

DPBCA01

Domintell – Frame

Description

Domintell design front panel for following modules:
DPBTLCD01
DPBT01
DPBT02
DPBT04
DPBT06
DTDIR03
DTMOV03

Specifications

Dimensions: 95 mm x 80 mm

Colors

DPBCA02

Domintell – Frame – DPBTLCD02

Description

Domintell design front panel for following modules:

DPBTLCD02
DPBT01
DPBT02
DPBT04
DPBT06

Specifications

Dimensions: 95 mm x 80 mm

Colors

DNKPB04

Niko 4 push-buttons interface + LEDs

Description

Niko push-button interface Ref: 170-40100 with 4 push-buttons and 4 dimmable LEDs.

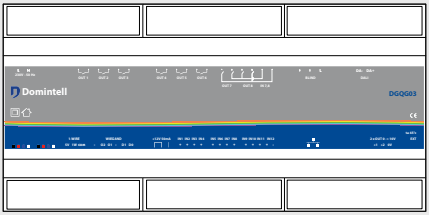
Specifications

- Connection to the bus by quick connection
- 4 dimmable outputs for LEDs – common positive
- 4 potential-free entries
- Type of cable between DNKPB04 and Niko PB: alarm, phone
- Maximum distance between the module and the push-button: 10 m
- Max current per LED 12 V or 24 V: 1.25 mA

Technical data

Power supply	bus
Power	max 16 mA
Dimensions	46 x 28 x 15 mm
Operating temperature	-10 °C to 50 °C

Diagram



DNKPB06

Niko 6 push button interface + LEDs

Description

Niko push-button interface Ref: 170-60100 with 6 push-buttons and 6 dimmable LEDs.

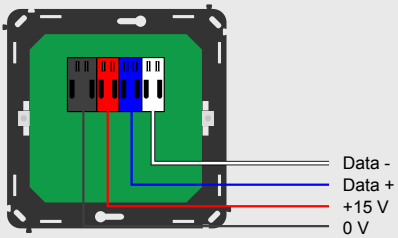
Specifications

- Connection to the bus by quick connection
- 4 dimmable outputs for LEDs – common positive
- 4 potential-free entries
- Type of cable between DNKPB04 and Niko PB: alarm, phone
- Maximum distance between the module and the push-button: 10 m
- Max current per LED 12 V or 24 V: 1.25 mA

Technical data

Power supply	bus
Power	20 mA
Dimensions	46 x 28 x 15 mm
Operating temperature	-10 °C to 50 °C

Diagram



DCBU01

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) of 0.75 mm^2 for the supply of modules in 15 Vdc and two (white and blue) which form a twisted pair of 0.28 mm^2 for data. Do not use EIB type cable, due to a high risk of dysfunction.

Specification

White & blue cables: 0.28 mm^2 twisted pair
White & blue cables: electrical resistance< 70 Ohms/km
White & blue cables: impedance 100 Ohms
White & blue cables: capacity < 48 pF/m
White & blue cables: attenuation at 1 MHz < 2.1 dB
Black & red cables: 0.75 mm^2
Black & red cables: electrical resistance< 36 Ohms/km
Diameter bus cable: 8 mm

DCBU02

bus Cable – Domintell – 1 m

Description

Domintell bus cable per meter. The bus cable contains 4 conductors. Two (black and red) of 0.75 mm^2 for the supply of modules in 15 Vdc and two (white and blue) wh ich form a twisted pair of 0.28 mm^2 for data. Do not use EIB type cable, due to a high risk of dysfunction.

Specification

White & blue cables: 0.28 mm^2 twisted pair
White & blue cables: electrical resistance< 70 Ohms/km
White & blue cables: impedance 100 Ohms
White & blue cables: capacity < 48 pF/m
White & blue cables: attenuation at 1 MHz < 2.1 dB
Black & red cables: 0.75 mm^2
Black & red cables: electrical resistance< 36 Ohms/km
Diameter bus cable: 8 mm

DCBT02

Domintell bus cable – Prewired tube in 100 m roll

Description

Domintell bus cable prewired in tube of 100 m. The bus cable contains 4 conductors. Two (black and red) of 0.75 mm^2 for the power supply of modules in 15 Vdc and two (white and blue) which form a twisted pair of 0.28 mm^2 for data. Do not use EIB type cable, due to a high risk of dysfunction.

Specification

White & blue cables: 0.28 mm^2 twisted pair
White & blue cables: electrical resistance< 70 Ohms/km
White & blue cables: impedance 100 Ohms
White & blue cables: capacity < 48 pF/m
White & blue cables: attenuation at 1 MHz < 2.1 dB
Black & red cables: 0.75 mm^2
Black & red cables: electrical resistance< 36 Ohms/km
Diameter bus cable: 8 mm

DCONNECT

Wago connector for bus cable

Description

Quick plug-in connector for the Domintell communication bus.

Specification

4 Possible connections:
Black: DC -
Red: DC +
Blue: data +
White: data -

DCONBUS

Interconnection module for Domintell bus cable

Description

Quick (dis)connect connector for the Domintell communication bus. It includes a classic DCONNECT connection, an RJ45 plug and a screw terminal.

Specification

3 Possible connections
Caution: connector to be used only on the bus

DHUB01

HUB for Domintell bus cable

Description

Used to amplify the bus signals on very long or very busy lines. Makes it possible to make additional wiring branches.

Specification

Power supply: bus
Consumption: 40 mA
Connection to the bus by quick connection
Between 2 DHUB01, required presence of a master (DGQG0X)
Dimensions: 17 x 35 x 58 mm
Operating Temperature: -10 °C to 50 °C

DC025

Domintell bus cable – 250 mm

Description

Prefabricated bus cable in length of 250 mm for connection between modules in electrical cabinets.

Specification

White & blue cables: 0.28 mm ^{2} twisted pair
White & blue cables: electrical resistance< 70 Ohms/km
White & blue cables: impedance 100 Ohms
White & blue cables: capacity < 48 pF/m
White & blue cables: attenuation at 1 MHz < 2.1 dB
Black & red cables: 0.75 mm ^{2}
Black & red cables: electrical resistance< 36 Ohms/km
Diameter bus cable: 8 mm

DC035

Extension cable – DDXX (dimmers)

Description

Extension cable between DDIM01 and all types of Domintell dimmers DDXX, controlled by a DDIM01 module.

Specification

Length: 300 mm

DC040

Domintell bus cable – 400mm

Description

Prefabricated bus cable in length of 400 mm for connection between modules in electrical cabinets.

Specification

White & blue cables: 0.28 mm ^{2} twisted pair
White & blue cables: electrical resistance< 70 Ohms/km
White & blue cables: impedance 100 Ohms
White & blue cables: capacity < 48 pF/m
White & blue cables: attenuation at 1 MHz < 2.1 dB
Black & red cables: 0.75 mm ^{2}
Black & red cables: electrical resistance< 36 Ohms/km
Diameter bus cable: 8 mm

DC060

Extension cable – trip switch

Description

Extension cable for TL2001 or TL1001 trip switches.

Specification

Length: 300 mm

DVIPBOX01

Boîtier d'encastrement – DVIP01 – DVIP02

Description

Boîtier d'encastrement pour le vidéophone DVIP01 et DVIP02. Il est primordiale d'encastrer très méticuleusement ce boîtier selon les spécifications.

Specifications

Mesures extérieures : 98mm L x 148mm H x 65mm P

DTSCBOX02

Boîtier d'encastrement – DTSC04

Description

Coffret d'accueil de l'écran DTSC04. Ne pas sceller le boîtier dans le plafonnage car il peut se déformer lors du séchage.

Specifications

Mesures d'encastrement : 180 x 130 x 60 mm

DTSCBOX05

Embedding Box –DTSC05

Description

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

Specifications

Embedding measures: 180 x 130 x 60 mm

DFTOOLDPBR01

Master étendu avec DALI

Description

This tool allows you to level the «DBPR» type buttons (Rainbow range) during installation, to assure a perfect horinzontality.

D1722CG

Mounting Box – Rainbow Line

Description

Mounting box – Rainbow

Specifications

Required box for the mounting of Rainbow buttons.

DCDI01

IR remote control 32 keys/32 channels – Classic

Description

Infrared remote control that allows the control of 32 channels. Infrared rays are confined to the room where they are emitted. Black synthetic casing.

Specifications

Power supply: two 1.5 V batteries, type AA-LR06
Dimensions: 177 x 55 x 18 mm
Operating temperature:-10 °C to 50 °C

DCDI02

IR remote control 8 keys/14 channels– Alu design

Description

14-Channel infrared remote control. Illumination of the keys by blue LEDs during the grip. Solid aluminium casing. 8 buttons for 14 channels transmission. Button # 8 activating the first 7 channels, or the last 7.

Specifications

Works with two AAA batteries
Dimensions: 160 x 43 x 17 mm
Operating temperature:-10 °C to 50 °C

DCDI03

IR remote control 10keys/10channels– Mini

Description

10-Channel infrared remote control. The most compact remote control within the Domintell models.

Specifications

Works with 1 battery CR 2025
Dimensions: 86 x 33 x 7 mm
Operating temperature:-10 °C to 50 °C

DIREMIT01

3.3A Power supply – Stabilized

Description

This module allows the control of 3 different devices equipped with an infrared control receiver such as TV, CD player, DVD, DAT, Hi-Fi system, etc. Allows the learning of infrared codes of remote controls from different brands.

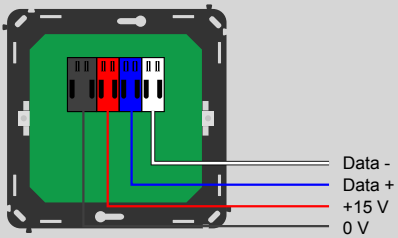
Specifications

- Connection to the bus: RJ45 connector
- Number of transmitters: 3
- 5 mm transmitter + Connection cable length 800 mm

Technical data

Power supply	bus
Power	30 mA
Dimensions	50 x 50 x 22 mm
Operating temperature	-10 °C to 50 °C

Diagram



ACCESSORIES

DCLIP01

DIN rail clip for DISM module

Description

Allows mounting of DISM04 and DISM08 modules on DIN rail in electrical cabinets.

DCAPT

Master étendu avec DALI

Description

Unité centrale de l'installation Domintell, effectue la gestion du système. Connexion Ethernet pour la communication et la programmation de l'installation. Horloge interne pour : fonctions temporelles, horloge astronomique, simulation de présence. Comprend de nombreuses entrées et sorties intégrees de base.

Domintell SA • Rue de la maîtrise, 9 • 1400 Nivelles
Tel. +32 67 88 82 50 • info@dominell.om • www.domintell.com