CATALOGUE FOR PROFESSIONALS

Home and Building Automation by Duemmegi

30 1992 - 2022 YEARS ANNIVERSARY

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Duemmegi:
Home & building automation

Duemmegi is an Italian leading company in home and building automation established in Milan in 1992. The Milan headquarters hosts the administration department, the operational facilities, the sales and marketing department and the logistics. Duemmegi also operates in Europe and the Far East.
Duemmegi is one of the few Italian specific-product companies, that designs and manufactures its components and software for home and business automation in Italy, boasting state-of-the-art technology and ISO-9001 certification.

Relying on Duemmegi means choosing the best partner for both home and building automation solutions, combining daily activities with simple but powerful systems in order to lower the costs and maximize the potential of your business or home.

For customers looking for home and building automation system solutions, Duemmegi is the most reliable and trusted choice, with a strong list of more than three million products sold over 30 years of experience gained directly on the field, and a very low percentage of products repaired under warranty (only 0.1% in the last 6 years).
Duemmegi's goal is to make the most of its technological investments through continuous evolution geared towards the competitiveness of its solutions.
All products are manufactured with a focus on reliability, ease of installation and maintenance, while maintaining a high level of integration with other systems.
Duemmegi's focus goes beyond the design and supply of the best home & building automation systems, it is also providing the best support to its customers with a dedicated technical office, a service that is part of the dynamic and flexible organization of the company.

Duemmegi, the Smart Choice!
Our Strengths:

Reliability

Duemmegi designs and manufactures all of its components and software products for home and business automation in Italy, with state-of-the-art technology and ISO9001 certification. Our proven reliability is demonstrated by the very low percentage of products repaired under warranty: only 0.1% over the past 6 years. And our continuous investment in research and development provides customers with dependable technologies they are easy to install and maintain.

Sustainability

All of our departments are actively involved in achieving the company's quality and environmental goals. This means reducing our environmental impact and energy waste, but also a commitment to creating value through the manufacturing of products that improve people's lives. Duemmegi solutions make homes or businesses more competitive and efficient, safer and more sustainable.

Made in Italy

All Duemmegi products are made in Italy, which means the manufacturing, development, and implementation processes for all components and software are carried out entirely in Italy. Thanks to a dynamic and flexible corporate structure that includes a dedicated technical department, Duemmegi is focused not only on sales but also on supporting customers with all their needs.

100%

Made in Italy
Designed and manufactured in Italy

100%

Italian Company
ISO-9001 Certified

Duemmegi Domotic Systems

Our long and proven **experience** gives us a competitive advantage. Our concept of home automation is simple: **technology serving people's needs**.
We have been designing home automation systems for 30 years, with a focus on customer service and making your home a better place to live.
Home automation technology is a valuable asset with many available solutions. Leveraging its strong expertise, Duemmegi has created a "Smart Home" showroom, you can visit virtually too, where you can experience home automation scenarios and understand the practical use of the systems.

Duemmegi Benefits

Ease of Use

The home automation system is aimed at a broad consumer base having no specialized expertise in this technology, so it must be easy to use with a **user-friendly interface**. It also has to be safe and pose no danger to those who do not know or understand its capabilities.

Flexibility

An affordable home automation system must be flexible enough **to meet every need**, from the simplest to the most complex. Duemmegi technology helps the user by **simplifying** and **speeding** up many of the most common everyday tasks.

Reliability

The system **operates 24/7** and requires no special care. Even in the event of a failure, it has to be capable of providing the specific service or a similar one in the case of reduced operation. It's also capable of reporting failures and generating a report of any anomalies.

Long Life

The system is built keeping in mind that it will have to provide continuous **service over time**. It must be virtually fail-safe and easy to repair, even by unskilled personnel. In all cases, it should be possible to quickly return the system

The DOMINO system

Traditional system

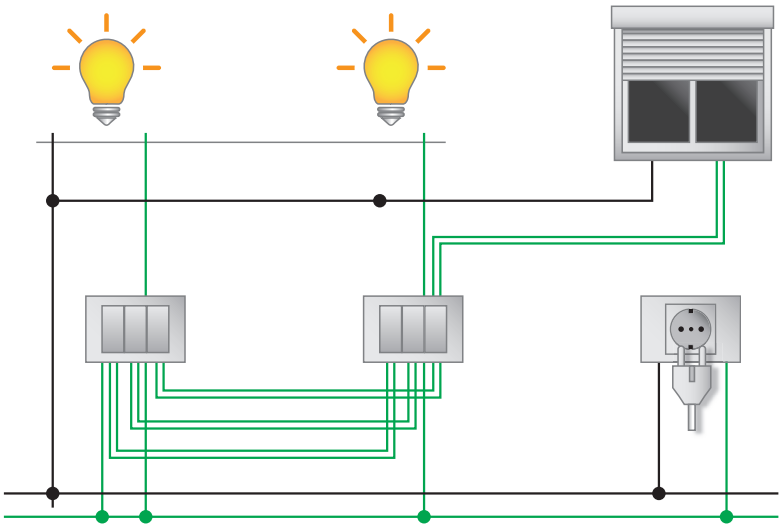
A standard solution with limited performance

In a **traditional system the power cables** determine the two-way correspondence between command and users, as well as distributing electricity. In this way, any changes to the operation of the system will also lead to a change in connections often requiring masonry work with **significant expenditure of time** and **money**.

The implementation of banal functions (such as turning on a light from two or more command points) leads to a significant **complication in the wiring** and **longer installation times**. Furthermore, it is impossible to equip the system with a supervisory or remote-control system.

In a traditional system **automatic sequences cannot be performed** (such as closing simultaneously all motorised windows and doors and turning off all the lights when the anti-intrusion system is enabled) unless you resort to additional complicated wiring as each utility requires its own dedicated command.

Not to mention the:
- Command points with constant voltage (230 VAC).
- Power circuits always active.
- Electromagnetic fields.



The BUS systems

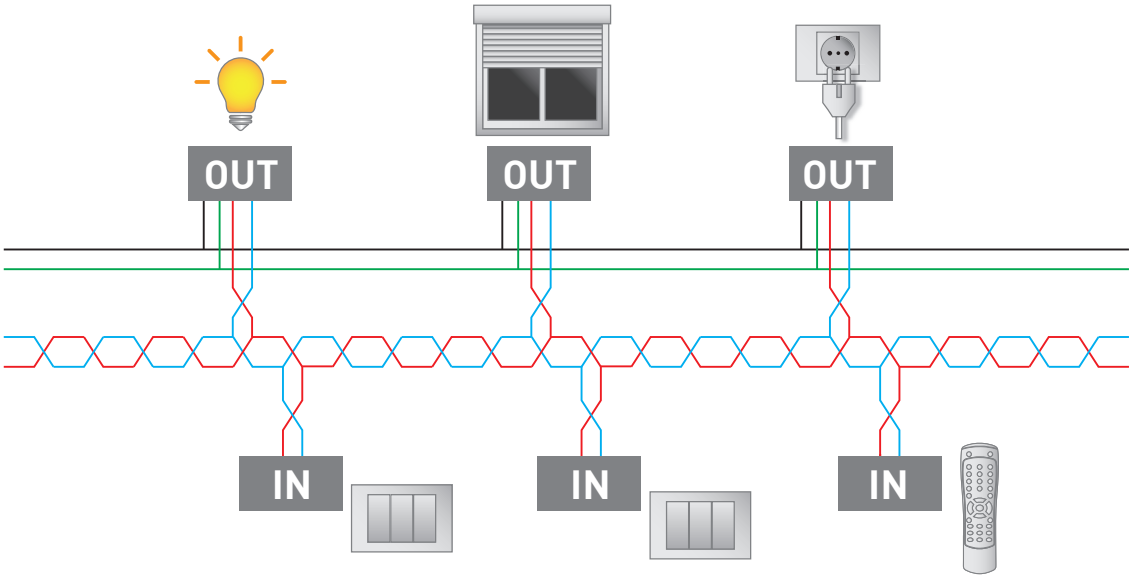
A solution with a limited number number of functions

In **a system made with BUS technology**, the command points represent the system inputs while users represent the outputs.
For example, when a button is pressed, the system processes the information passing through the bus cable and, according to the set programming, it commands the actuator modules (outputs). In this way the command assignment to one or more utilities is totally arbitrary.

The "connection" exists only on the programming level, therefore **it is possible to implement and modify a potentially unlimited number of functions** without any physical action on the circuits.

The wiring of a system of this type is **extremely simplified** and the **installation times and costs are significantly reduced** compared to a traditional system. All modules are connected in parallel by the one bus cable (unshielded two-wire cable), while the 230V mains is only in the output modules.

There are also:
- Low voltage command points
- Disconnectable power circuits
- Reduction of electromagnetic fields



The domino BUS SYSTEM

The Domino bus system can manage a wide range of functions across all its devices

The main components of the system are placed in the electric panel (switchgear) of the house/shop/office (DFPW3 power supply, DFCKIII clock, DFUSB interface, DF4RI module...) while the command components are usually placed in the wall boxes of switches (DF4I module with 4 digital inputs) allowing you to use your favourite switch/plug fixtures.

The actuators (which execute the commands) are to be positioned, depending on your needs and on the type of work, in the mains distribution boards, in junction boxes (e.g. PT5), in blind 503 flush-mounting boxes, in false ceilings, in the shutter container or, more in general, in the available spaces near the command in question (e.g.: shutter module, 4 power-relay module, dimmer module etc.).

It is possible to connect together more than 2000 points (depending on chosen configurations) with a double insulated cable whose section is between 0.35 sq.mm and 1 sq.mm. It is therefore possible to connect up to 255 input modules and 255 output modules plus all those modules that do not occupy any address.

The system can extend for more than 1 km, depending on the number of modules and power supplies installed, the type of installation and the cable cross section.

BUS DOMINO system characteristics

↓

Domino

It has a distributed intelligence logic, therefore the failure of one module does not affect the operation of the system.

It is possible to remotely control the system.
The customer will be able to see their home from any mobile device.

The system allows the use of only 2 components for the construction of the installations (buttons and plugs) from any series of electrical fixtures.

The relays on the modules are bistable (consumptions are reduced and if the bus is missing the status remains unchanged).

The system is programmed, after having directed the modules, when the system has been completed. Once the programming is completed, the user and the installer can access the description of the installed programme for any other addition or future modification.

The system can perform a precise selfdiagnostics.

The software programming is simplified and "within everyone's reach".

It is open, which means that it can be integrated with other systems.

You can modify the functions or the logics even remotely, without having to intervene physically on the system.

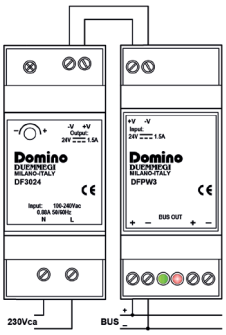
You need to use a normal type of cable for the connection (with unshielded, two-wire cable with a maximum section on the plant of 1 mm^2).

It is possible to provide an "unlimited" number of scenarios integrated with the other house systems.

cod. 08158

DFPW3

The **DFPW3 module** generates the necessary voltage for the operation of the modules connected to the Domino bus. The DFPW3 module must be powered by the DF3024 power supply provided (230VAC/24VDC).
The DFPW3 module contains a self-resetting electronic protection that intervenes in case of excessive overload or short circuit by interrupting the current supply to the output.
The DFPW3 module can power up to a maximum of 50 Domino series modules. Depending on the installed modules, system topology, and cable section, other DFPW3 modules need to be positioned differently to distribute them evenly along the length of the bus and minimize voltage drops.



DFPW3 Technical Specifications

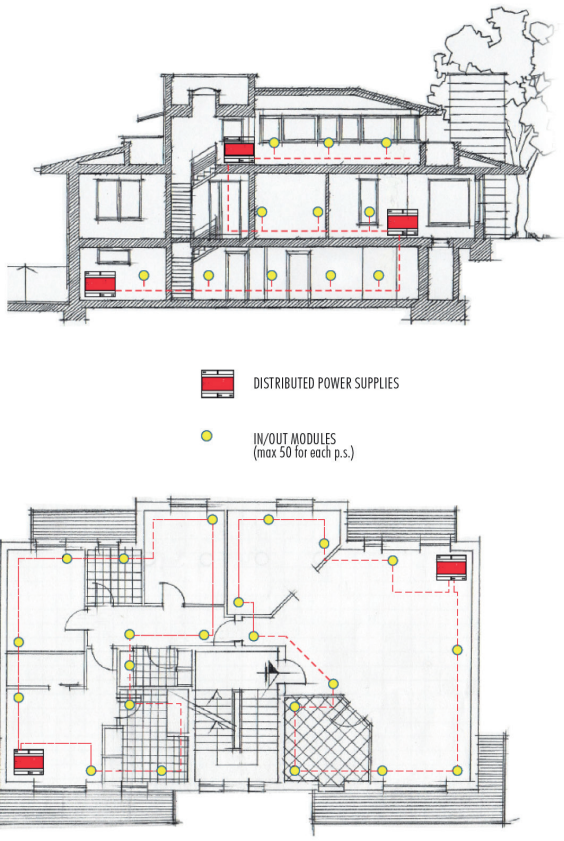
Power supply voltage	24V= typical, 29V= MAX
Overload and short circuit protection	Electronic
Maximum number of Domino modules for each DFPW3	50 modules weighing 1
Dimensions	2 DIN modules (2M)

DF3024 Technical Specifications

Power supply voltage	100 ÷ 240V~ ±10% 50/60Hz
Nominal output voltage	24V=
Output current	1,5A
Maximum output power	36W
Output voltage regulation range	21.6 ÷ 29.0V
Efficiency (typ)	89,00%
Overload protection	Electronic
Dimensions	2 DIN modules (2M)

MODULE	WEIGHT / CONSUMPTION
DF4DV	2÷10 (1)
DF8IL	3
DF8RIT	2
DFAM2	3
DFANA-M	2
DFAPP	20 (2)
DFCC	3
DFCC2	5
DFDALI - DFDALI64	2
DFDMX	4
DFDV	2
DFH	20 (2)
DFIGLASS	3
DFLS	3
DFMETEO	4
DFRHT	2
DFTOUCH	8
DFTOUCH2	18
DFTP/I	2
DFTZ	2
DFTZ2	8
DFWEB	15
DFWRX	2

1) This weight depends on the load applied to the outputs; when connected to ballasts or similar devices, consider a weight 2 (because the output current is absorbed by the ballast instead of being provided by the Domino module).
(2) Only if it is not powered by an auxiliary power supply.



Web download

MOBILE APPLICATIONS

iCasaMia and **aCasaMia** are the official Duemmegi APPs for iOS and Android devices, which can be used to program and supervise your Domino System. These APPs are easy and intuitive and allow to connect smartphones and tablets to the Domino system without any cables. During the setup iCasaMia and aCasaMia will guide you step by step and will stop you in case of mistakes by giving you warning messages.
No programming skills are required to use them.

iCasaMia and aCasaMia are designed not only for the installer but also for the end customer, this is the reason why they are divided into two parts:

- **Back-End**
  This part is dedicated to the installer and is protected with a password. Here it is possible to address the modules automatically, configure and program basis functions.
- **Front-End**
  This part is for daily use and is meant for the end customer to control his smarthome. Here the user can customize different menus, such as rooms, scenarios, climate zones and much more.

To use iCasaMia and aCasaMia a DFAPP module is required.
For further information, please visit our website: **www.duemmegi.it**

cod. 08133/IG

PLUG-IN GRAPHICAL USER INTERFACE FOR DFAPP

It is possible to associate a standard graphic license to the interface unit called **DFAPP**, this allows the creation of graphics supervision in a simple and intuitive way. The "Plug-in" reads the entire XML file previously created through the **CasaMia APPs** and encodes all the points it contains, dividing them by "type". In the project development area, the installer can customise graphics for the end user. It is possible to:

- Create, rename, delete pages and change their order.
- Insert a background image (floorplan), resize it, move it, delete it or replace it (on the page).
- Enter coded points on the page via the menu divided by "type". Each type has a standard matching icon. You can resize the icon (max 128px), move it, delete it and decide to hide its name.

It is therefore possible to show home automation functions using simple and intuitive graphics for the end customer.

Example of result:

Tablet

Web Touch screen

cod. 08133/AV

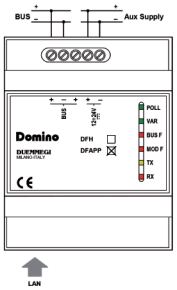
PLUG-IN VOICE ASSISTANT FOR DFAPP

It is possible to associate a certified **Alexa Smart Home Skill** with the interface unit called **DFAPP**, enabling users to control their smart home based on Domino components through voice commands (lights, thermostats, blinds can be controlled via Amazon Alexa devices such as Echo Show, Echo, Echo Dot, etc.), as well as a standard graphical license that allows for easy and intuitive graphical supervision creation.

cod. 08133

DFAPP

The **DFAPP module** is a gateway between Ethernet network and Domino bus; through the BDTools and BDWizard support software, you can perform all operations such as assigning the module addresses, programming the system functions, reading and editing operating programmes, updating module firmware and more, via the Ethernet network, locally and remotely. If you have a suitably configured access point, you can also perform the same operations in wireless mode.
The DFAPP module also allows you to control and program the home automation system through the free APPS iCasaMia and aCasaMia available on their stores; thanks to these APPs, the DFAPP is a user-friendly solution for controlling and managing, both locally and remotely, lighting, automation, climate control, switching on at scheduled times, load control, energy consumption and much more.



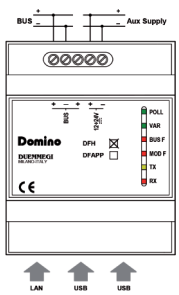
Technical Specifications

External power supply	12V DC/1A or 24V DC/0.5A (AC power not allowed)
Total maximum current available on the 4 USB ports	1.2 A
CPU	quad-core Cortex-A53 1,2 GHz
RAM	1GB LPDDR2 (900 MHz)
Onboard network	10/100 Ethernet RJ45
Dimensions	4 DIN modules (4M)

cod. 08132

DFH

The **DFH module** is developed to be used in all the Domino system implementations in which it is possible to control the home automation system through LAN or Internet connection..
DFH integrates a standard WEBCON multi-protocol supervisory Web server, licensed for a Domino bus, so it is a powerful Web-based system that does not require any special software installation on your PC, except for a Web browser.
The DFH module for Domino bus is therefore an integrated solution for local and remote control and management of lighting, air conditioning, time scheduling, load control, energy monitoring, anti-intrusion system, safety and fire protection, access control, irrigation, VoIP telephony, multi-room audio/video systems, scenarios, voice synthesis and much more.



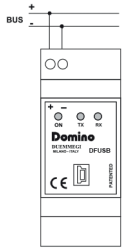
Technical Specifications

External power supply	12V DC/1A or 24V DC/0.5A (AC power not allowed)
Total maximum current available on the 4 USB ports	1.2 A
CPU	quad-core Cortex-A53 1,2 GHz
RAM	1GB LPDDR2 (900 MHz)
Onboard network	10/100 Ethernet RJ45
Available interfaces	4 x USB, optically-isolated RS485/RS232 Port
Dimensions	4 DIN modules (4M)
Optional converters USB - RS-232 and USB - RS-485	

cod. 08049

DFUSB

The **module DFUSB** allows you to connect the Domino bus to a Personal Computer through the USB port. Installing on your PC the DBTools specific software provided, you can proceed with a fast and easy startup of the system. Suitable for installation on DIN rail (2M).



Technical Specifications

Power supply voltage	from bus
Interface	USB slave (not isolated from the bus)
Operation and communication LEDs	
Dimensions	2 DIN modules (2M)

cod. 08147/C

DFMB-C

DFMB-C allows to manage up to 4 internal unit (split) of a condiotioning system through the Domino bus. The conditioning system can be interfaced in RS485 and MODBUS protocol. The compatible systems are the one of the table above.

The DFMB-C module allows you to perform the following functions to and from the air conditioning units:

- Switching the air conditioning unit on and off.
- Operating mode setting (Auto, Hot, Cold, Ventilation, Dehumidification).
- Temperature setting and display.
- Fan speed adjustment (max 4, however dependent on the specific unit).
- Deflector adjustment (max 4 positions + oscillation, however dependent on the specific unit.

Technical Specifications

Power supply voltage	from bus
Interface to Conditioning System	RS485
Communication Protocol	MODBUS RTU
RS485 cable max lenght	300 meters
Dimensions	2 DIN modules (2M)

INTERFACE	BRAND
Realtime RTD-RA	DAIKIN
Realtime RTD-NET	DAIKIN
Intesisbox ME-AC-MBS-1	MITSUBISHI
Intesisbox DK-AC-MBS-1	DAIKIN
Intesisbox PA-AC-MBS-1	PANASONIC
Samsung MIN-B19N	SAMSUNG
Mitsubishi PROCON A1M	MITSUBISHI

cod. 08032/4ETH

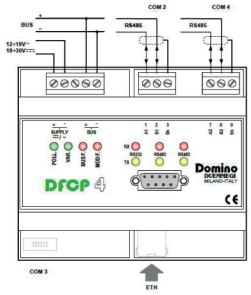
DFCP 4 ETH

The **DFCP 4 controller** is the heart of an entire Domino system. The system is managed through equations that link inputs and outputs. DFP 4 offers powerful programming features capable of meeting almost any requirement.
DFP 4 ensures complete control of the internal RAM (buffered by battery), allowing you to decide the status that each memory cell, and therefore also each system physical output, should switch to after a system power interruption. In addition to the classic equations for logic events, DFCP 4 also provides algebraic calculation functions and time equations with a daily, weekly and yearly calendar.
Thanks to the Script function, which includes programme macro-blocks written in a very simple language similar to Basic, DFCP 4 can perform very complicated operations. DFCP 4 is also able to calculate sunrise and sunset times and the Sun's position (azimuth and elevation); the calculated values are saved in 4 registers to be defined by using the LOCALIZE configuration directive. If multiple controllers are installed, information can be exchanged between them. This is also true for controllers from the Contatto and Domino series.

Compared with the previous DFCP version, it includes the following features:

- Weekly integrated scheduler to manage 16 points ("areas").
- A new programme is transferred to DFCP 4 and stored in a different part of the memory. Therefore, while downloading the new programme, the
- programme already installed continues to operate without interruption; only when the download is complete and successful the new programme takes
- over from the old one.
- MODBUS TCP/IP Slave on ETH port in ETH version.
- Integrated Ethernet Bridge, multi-user up to 8 simultaneous connections (ETH version).
- Integrated WEB Server, multi-user up to 8 simultaneous connections (ETH version).
- Basic diagnostics via WEB browser without needing to install MCP IDE (ETH version).

The available versions are the following: DFCP 4 STD: 1 RS232 + 2 RS485 / DFCP 4 ETH: 1 RS232 + 2 RS485 + ETH
To programme the DFCP4 control unit, the software tool DCP IDE must be installed on the PC. The DCP IDE package also includes the DCP Visio programme, which enables you to view graphically the status of the field and all parameters of DFCP 4, and other programmes with specific functions.
The module is housed in a modular 6M box.



Technical Specifications

Power supply voltage	15V AC (± 20%) or 24V DC (± 25%)
Maximum absorption	160mA @ 12V AC / 110mA @ 24V DC
Number of internal processors	2
Automatic summer/winter time change	Yes
Average response time input → output	40m sec
User programme memory	16 Mbytes FLASH type
RAM memory	256 KWords
Number of virtual points	2032
Number of registers	1024, 16 bit each
Number of timers	512 with times from 0 to 6553 seconds, resolution 0.1 sec.
Number of counters	1024, 16 bit each
Programmer timer	Daily, Weekly and Annual
Advanced integrated scheduler	Weekly
Number of manageable input addresses	255 addresses, 16 bit each
Number of manageable output addresses	255 addresses, 16 bit each
Available communication ports	• 1 x RS232 - optically isolated • 2 x RS485 - optically isolated • 1 x dedicated port • 1 x Ethernet port (optional)
Pluggable peripheral devices	• Touch screen displays • SCADA supervision systems on PC
Interface with other systems	Through MODBUS RTU and MODBUS TCP/IP protocols
Dimensions	6 DIN modules (6M)

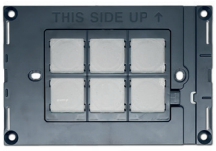
cod. 08500/6P

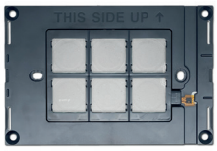
AURORA 6P

cod. 08500/6P/TH

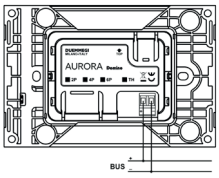
AURORA 6P/TH

Different colors and finishing available





The **AURORA smart switch with 6 buttons** offers an unparalleled control experience. The capacitive touch technology enables smooth and precise navigation, while the integrated RGBW LEDs provide its suggestive illumination. The luminous feedback and backlighting enhance the visibility and usability of this smart switch, making interaction with it more seamless. **You can choose between the standard version or the complete version featuring the temperature and humidity sensor**, to tailor it to your specific needs. AURORA is available in various finishes, including glass, metal, and a range of textured effects. This product seamlessly combines the practicality of home automation with a refined design, providing a comprehensive solution for intelligent and convenient control of your home.



Technical Specifications

Power Supply Voltage	da bus
LED	RGBW
Temperature and Humidity Probe	optional
Dimensions	installation for 503E flush-mounted box

Addresses:

- **without probe**: it occupies 1 input address and 1 output address.
- **with probe**: it occupies 2 input addresses (*3 with humidity measurement enabled*) and 1 output address.

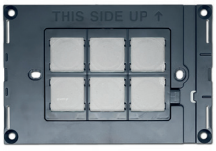
cod. 08500/4P

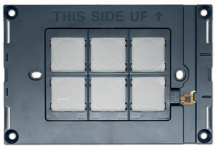
AURORA 4P

cod. 08500/4P/TH

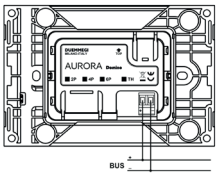
AURORA 4P/TH

Different colors and finishing available





The **AURORA smart switch with 4 buttons** offers an unparalleled control experience. The capacitive touch technology enables smooth and precise navigation, while the integrated RGBW LEDs provide its suggestive illumination. The luminous feedback and backlighting enhance the visibility and usability of this smart switch, making interaction with it more seamless. **You can choose between the standard version or the complete version featuring the temperature and humidity sensor**, to tailor it to your specific needs. AURORA is available in various finishes, including glass, metal, and a range of textured effects. This product seamlessly combines the practicality of home automation with a refined design, providing a comprehensive solution for intelligent and convenient control of your home.



Technical Specifications

Power Supply Voltage	da bus
LED	RGBW
Temperature and Humidity Probe	optional
Dimensions	installation for 503E flush-mounted box

Addresses:

- **without probe**: it occupies 1 input address and 1 output address.
- **with probe**: it occupies 2 input addresses (*3 with humidity measurement enabled*) and 1 output address.

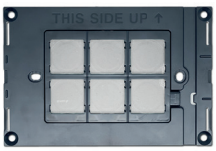
cod. 08500/2P

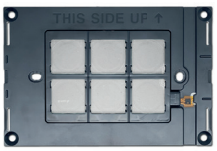
AURORA 2P

cod. 08500/2P/TH

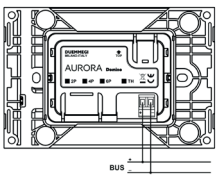
AURORA 2P/TH

Different colors and finishing available





The **AURORA smart switch with 2 buttons** offers an unparalleled control experience. The capacitive touch technology enables smooth and precise navigation, while the integrated RGBW LEDs provide its suggestive illumination. The luminous feedback and backlighting enhance the visibility and usability of this smart switch, making interaction with it more seamless. **You can choose between the standard version or the complete version featuring the temperature and humidity sensor**, to tailor it to your specific needs. AURORA is available in various finishes, including glass, metal, and a range of textured effects. This product seamlessly combines the practicality of home automation with a refined design, providing a comprehensive solution for intelligent and convenient control of your home.



Technical Specifications

Power Supply Voltage	da bus
LED	RGBW
Temperature and Humidity Probe	optional
Dimensions	installation for 503E flush-mounted box

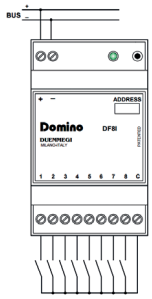
Addresses:

- **without probe**: it occupies 1 input address and 1 output address.
- **with probe**: it occupies 2 input addresses (*3 with humidity measurement enabled*) and 1 output address.

cod. 08026

DF8I

Module for 8 normally open digital inputs (3M). Suitable for connection to auxiliary contacts, buttons, limit switches, selectors, twilight switches, etc.
It is therefore possible to put together status, alarm and command signals, etc.



Technical Specifications

Current by contact	• 1mA with closed contact • 0mA with open contact
Input voltage	5V DC
Maximum length allowed for input cables	10 m
Operation LED	
It occupies 2 consecutive input addresses	
Dimensions	3 DIN modules (3M)

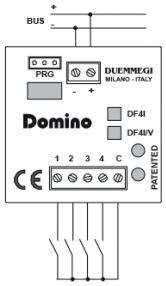
cod. 08001

DF4I

cod. 08010

DF4I/V

Module for 4 normally open digital inputs. It can be housed in built-in 503 boxes and connected to switches, buttons, limit switches, twilight switches, etc. It is therefore possible to put together status, alarm and command signals, etc. The **DF4I/V** version provides up to 12 virtual or support points, thereby combining several functions (see programming manual). It is available in combination with fixed or extractable terminal block.



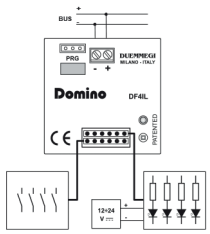
Technical Specifications

Current by contact	• 1mA with closed contact • 0mA with open contact
Input voltage	5V DC
Maximum length allowed for input cables	10 metres
Operation LED	
It occupies 1 input address (DF4I) or 4 consecutive input addresses and 4 consecutive output addresses (DF4I/V)	
Dimensions	39 x 39 x 13 mm

cod. 08006

DF4IL

The **module DF4IL** for the acquisition of 4 digital inputs and the control of 4 voltage outputs usually used to control LEDs or small button lights. Suitable for installation in built-in 503 box.



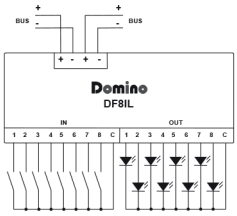
Technical Specifications

Current by contact	• 1mA with closed contact • 0mA with open contact
Number of outputs	4 voltage NPN outputs
Available current for each output	200mA for resistive load
Additional power supply voltage	from 12 to 24 V in direct current
It occupies 1 input address and 1 output address of the same value	
Dimensions	39 x 39 x 13 mm

cod. 08021

DF8IL

Module DF8IL for 8 normally open digital inputs and 8 LEDs. Suitable for installation in built-in 503 box..



Technical Specifications

Current by contact	• 1mA with closed contact • 0mA with open contact
Input voltage	5V DC
Maximum length allowed for input cables	10 metres
Operation LED	
It occupies 4 consecutive input addresses and 4 consecutive output addresses	
Dimensions	74,5 x 43 x 16 mm

cod. 80020/B/TS

KEYBOARD (WHITE)

cod. 80020/N/TS

KEYBOARD (BLACK)

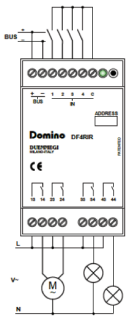
TASTIERA/B/TS
White AXPET panel for MOD8IL with 8 touch buttons and 8 backlighting LEDs for the icons, compatible with any standard 503 box.

TASTIERA/N/TS
Black AXPET panel for MOD8IL with 8 touch buttons and 8 backlighting LEDs for the icons, compatible with any standard 503 box.

cod. 08140
DF4RI

cod. 08141
DF4RIR

The multifunction **DF4RI** and **DF4RIR modules** can control 4 loads (e.g. lights) or two-by-two loads using the Domino bus for managing shutters, rolling shutters and similar (only for AC motors with double winding) and status transmission of 4 generic ON-OFF inputs (connected, for example, to buttons, switches, limit switches, etc.). The only difference between the DF4RI and DF4RIR versions is the type of box, which has a reduced height in the DF4RIR version.



Technical Specifications

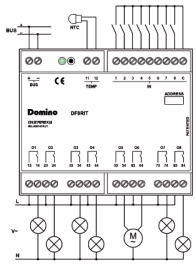
Current for each input	• 1mA with closed contact • 0mA with open contact
Maximum length allowed for input cables	10 m
Capacity of each output contact (MAX)	• resistive load (cosφ=1) 12A at 250V AC (3000VA) • inductive load (cosφ=0.85) 3.6A at 250V AC (900VA) • filament lights 8A 250V AC (2000VA) • fluorescent lights 350W with total max. capacitor of 42µF
Single-phase motor capacity	550VA
Maximum contact switching voltage	250V AC
Operation LED	
It occupies from 0 to 3 input addresses and from 1 to 3 output addresses	
Dimensions	3 DIN modules (3M)

cod. 08056
DF8RIT

The **DF8RIT module** for Domino bus is a multi-function device which integrates the following functions in the same box:

- 8 digital inputs for volt-free contacts.
- 8 relay power outputs that can be configured for the ON-OFF command of generic or two-by-two loads for managing shutters, rolling shutters and similar (only for AC motors with double winding).
- 1 input for temperature sensor, measuring range from -20 to +50° C, suitable for internal and external temperature measurement.
- Temperature adjusting function with weekly programming (timer-thermostat, operation identical to the Domino DFCT module)

The product is available in standard DIN rail box or in reduced height.



Technical Specifications

Current by contact	• 1mA with closed contact • 0mA with open contact
Maximum length allowed for input cables	20 m
Temperature sensor type	NTC
Range of temperature measurement	from -20 to +50 °C
Temperature measurement resolution	0.1 °C
Temperature measurement linearity	±0.3 °C
MAX temperature measurement error	±0.3 °C
MAX length for temperature sensor cables	10 metres, with shielded cable
Number of heat-regulated areas	1
Type of heat-regulation	ON/OFF with hysteresis and PIDe PID
Switching points (required DFCK3 or DFCP4 module)	48 for each day of the week
Number of settable set points	5 for Winter and 4 for Summer
Capacity of each output contact (MAX)	• resistive load (cosφ =1) 12A at 250V AC (3000VA) • inductive load (cosφ =0.5) 3.6A at 250V AC (900VA) • filament lights 8A 250V AC (2000VA) • fluorescent lights 350W with total max. capacitor of 42µF
Single-phase motor capacity	550VA
Maximum contact switching voltage	250V AC
It occupies from 1 to 7 input addresses and from 1 to 10 output addresses	
Dimensions	6 DIN modules (6M)

cod. 08145/1

DFDIM

DFDIM power dimmer module allows the regulation, through the Domino bus, of incandescent lamps, halogen lamps (with or without transformer),
dimmable LED and ESL/CFL lamps. DFDIM module can handle up to 500W power for incandescent and halogen lamps and up to 100W for LED/ESL/CFL.

Technical Specifications

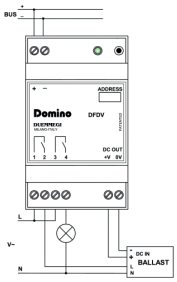
Power supply	From bus
MAX allowed load	• Incandescent or halogen lamps: 20,500 W, 230V~ 50Hz (*) • Ferromagnetic or electronic transformers with secondary winding closed on resistive load (low voltage halogen lamps): 20,500 VA, 230V~ 50Hz (*) • Dimmable LED lamps 230V~: 100W (*) (**) • Dimmable energy saving lamps (ESL): up to 100W (*) (**)
It occupies 1 output address and 1 input address if enabled	
Dimensions	2 DIN modules (2M)

Notes:
(*) The maximum specified load values are intended to be at a maximum ambient temperature of 35°C; at higher temperatures, the derating shown in the load/temperature graph of the previous paragraph has to be applied.
(**) In the case of LED or ESL/CFL lamps, operation is strictly dependent on the type of lamp used; it is not possible to guarantee a good operation with this type of lamps, even if they are declared dimmable.

cod. 08016

DFDV

The **0÷ 10V DFDV** output module can control a dimmer or an external electronic ballast, through the Domino bus. The module is equipped with a power relay that removes the mains voltage from the external ballast to ensure the light switches off completely. The DFDV module also has a power relay output and can be controlled with buttons connected to input modules or with a supervisor or display terminal (e.g. touch screens).



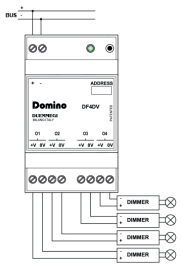
Technical Specifications

Power supply voltage	from bus
Voltage output	1 ÷ 10V / 10mA
Contact capacity (MAX)	• Resistive load (cosφ= 1): 12A at 250V AC (3000VA) • Inductive load (cosφ = 0.5): 3.6A at 250V AC (900VA) • Filament lights: 8A at 250V AC (2000VA) • Fluorescent lights: 350W with total max. capacitor of 42uF
It occupies 1 output address and 1 optional input address	
Dimensions	3 DIN modules (3M)

cod. 08107

DF4DV

The **DF4DV module** can control 4 input devices (0-10V), usually external dimmers or electronic ballasts, but also modulating valves or similar, through the Domino bus. The DF4DV module can be controlled with buttons connected to input modules or with a supervisor or display terminal (e.g. touch screens).



Technical Specifications

Power supply voltage	from bus
Voltage output	0÷10V / 10mA for each of the 4 outputs
It occupies 4 output address and 4 optional input addresses	
Dimensions	3 DIN modules (3M)

cod. 08050/64

DFDALI64

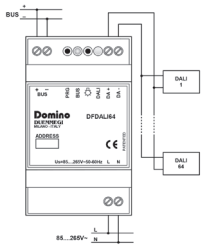
DFDALI64 module allows to manage up to 6 DALI devices through the Domino bus. DFDALI64 module can be successfully employed in domestic and professional lighting applications, where systems communicating by the DALI protocol are used. DFDALI64 module offers the following main features:

- Automatic addressing of connected DALI devices.
- Up to 16 groups or broadcast operation.
- All functions are accomplished by the module and it may be controlled by any real or virtual input of the system, by supervisor or by video terminal.
- It can operate without DFCP controller.
- Possibility of control from one or more pushbuttons connected to Domino bus.
- Up/Down and Single commands may be defined for the manual regulation of lighting level.
- Information on the bus of the current level of the 16 groups.
- Programmable ramp, in the range 0 to 60 seconds.
- Setting of minimum and maximum output levels.
- Dynamic lights scenes can be easily implemented through DFCP.
- Up to 16 presets stored in the non-volatile memory of the DALI devices.
- Programmable output level in case of failure of Domino or DALI bus.
- Diagnostics of the DALI line.
- Galvanic insulation between DALI and Domino buses.

DALI devices can be controlled as follows:

- **Broadcast**: each command sent on the DALI line will be executed by all the connected devices, therefore all the related devices will behave in the same way.
- **Groups:** the command will be sent to groups, therefore each group of devices will behave independently; the DALI protocol allows up to 16 groups and each device can belong to one or more groups.
- **Individually:** the commands will be individually sent to each device, therefore each single device will behave independently; in this case, however, the functionality will be limited as described in the following, therefore the use of groups is absolutely recommended.

DFDALI64 module performs dimming functions (Up, Down and Single commend), saving and recalling of scenes and Preset to defined value.



Technical Specifications

Power supply	from bus
Supply voltage DALI section	85 ÷ 265Vca
Operation and status LED	
It occupies 1 output address and, if enabled, 1 or 2 input addresses plus optionally up to 16 additional forreporting the current level of each group	
Dimensions	3 DIN modules (3M)

cod. 08044/D

DFDMX

The **DFDMX module** can manage, via the Domino bus, up to 32 DMX devices. The module enables communication on the first 64 channels out of the 512 provided by the DMX protocol. The DFDMX module is used in the sector of professional and domestic lighting which includes systems and equipment that communicate via USITT DMX-512 protocol. The DFDMX module offers the following features:

- All functions are managed by the module and can be controlled from any real or virtual input of the system, supervisor or display terminal.
- It can be controlled from one or more buttons connected to the Domino bus.
- You can configure up to 64 scenarios to make "real time" scenographies; the scenarios are located in the non-volatile memory of the module.
- Management of ramps and fades.
- Management of multiple different environments with the same DFDMX.

The module can manage 64 DMX channels, but the maximum number of devices actually connected may be smaller if each one occupies more than one channel. Anyway, the maximum number of connected devices must not exceed 32. The DFDMX module can work in systems with or without DFCP controller. In all cases you can perform Up, Down and Single-command functions from real or digital inputs with one-touch function, on each channel; you can also save and retrieve scenarios.

Technical Specifications

Power supply	from bus
Operation and status LED	
It occupies 1 output address	
Dimensions	3 DIN modules (3M)

cod. 08156

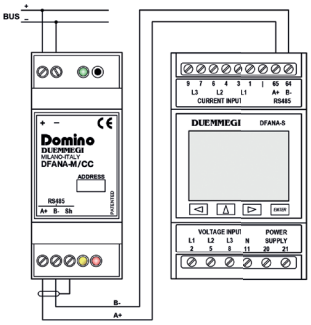
DFANA2/CC

DFANA-M/CC + DFANA-S

The **DFANA2/CC**, composed of the **DFANA-M/CC** and **DFANA-S modules**,enables the detection of various electrical parameters in a three-phase network and is available, upon request, in a single-phase version. The DFANA-M/CC module serves as a direct interface between DFANA-S and the Domino bus, making measurements immediately available and easy to configure. The measurements are also displayed on the front panel of DFANA-S through a backlit LCD display. Up to 20 measurements can be reported on the bus.

The DFANA2/CC, through the Domino system, allows for the management of the power consumed in one's three-phase electrical system, preventing the intervention of the meter protection due to the simultaneous activation of loads with excessive total power. This module is a valuable tool for classifying a civil installation at level 2 according to standard 64-8. The DFANA2/CC can manage up to 24 different loads; during installation, the necessary parameters can be defined to optimize its operation.

The module constantly monitors the total active power absorbed by the system, and if the value exceeds a threshold set during installation, it begins to disconnect the loads sequentially until the total power is back below the threshold. The loads are disconnected from the network using power relay output modules (e.g., DF4RI or DF8RIT).



DFANA-M/CC Technical Specifications

Power supply voltage	from bus
Interface for DFANA-S module	RS485
Communication Protocol	MODBUS RTU
RS485 cable max length	5 meters
Dimensions	2 DIN modules (2M)

DFANA-S Technical Specifications

Standard power supply	230V ~ (±10%), 50-60Hz (±10%)
Consumption	6VA
Display	backlit LCD, 4 characters
Decimal point position	Automatic
Measurement rate	< 0,5 sec.
Measurement type	TRMS
Base precision	±0,2%
Input Un nominal voltage	100÷400V
Input In nominal current	1÷5A; 63A; 125A
Input range	10÷120% Un, 5÷120% In
Operation frequency	45÷65Hz
CT ratio (primary max.)	15000A
VT ratio (primary max.)	1MV
Test voltage	2kV, 50Hz, 60sec.
Energy count	kWh and kVarh
Maximum count	2000000000
Dimensions	3 DIN modules (3M)

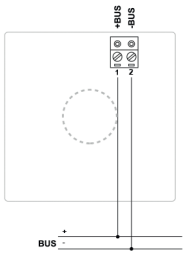
cod. 08051

DFRHT

The **DFRHT module** detects and transmits, on the Domino bus, the relative humidity and room temperature detected by a special sensor inside the device.
In addition, DFRHT calculates the dew temperature. The dew point or dew temperature is the temperature at which, in conditions of constant pressure, the humidity contained in the air begins to condense into water. The dew point is always less than or equal to the air temperature.
The DFRHT module also provides 2 digital points which, if active, report the following conditions:

- Dew temperature greater than or equal to a configurable threshold value (e.g. 14°C); useful to switch on the dehumidifier.
- Dew temperature greater than or equal to a configurable threshold value (e.g. 18°C safety value); useful to switch off the cooling unit.

As mentioned, the two thresholds can be configured and are provided with a hysteresis which can also be configurable separately.
The DFRHT is designed to manage the dehumidification and cooling of the rooms. The DFRHT module has been specifically designed for wall mounting.



Technical Specifications

Power supply voltage	from bus
Humidity measurement	• Range: 0 ÷ 100% • Resolution: 0.1 % points • Accuracy: ±2% points in the range 10÷90% • ±4% points elsewhere
Temperature measurement	• Range: from -5 ÷ +50°C • Resolution: 0.1°C • Accuracy: ±0.5°C
Resolution of the calculated dew point	0.1°C
Operation LED	
It occupies 4 input addresses and from 0 to 2 output addresses	
Dimensions	80 x 80 x 34,2 mm

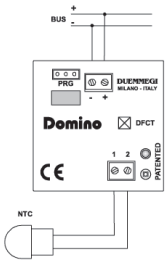
cod. 08039

DFCT/A

cod. 08040

DFCT/N

DFCT is a specialized module that enables the decentralization of ambient temperature control, significantly simplifying the programming of the Domino system. Additionally, all operational parameters of the DFCT module can be easily monitored and adjusted through supervision and touch screen terminals.



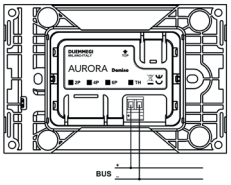
Technical Specifications

Power supply voltage	from bus
Sensor type	NTC
Range of temperature measurement	-10 ÷ +41,1 °C
Temperature measurement resolution	0,1 °C
Linearity	± 0,5 °C
Max measurement error	± 0,5 °C
Max cable length for temperature probe connection	10 m with shielded cable, shield connected to the terminal "-" of the bus
Number of regulated areas	1
Regulation type	ON/OFF with hysteresis and PID
Switching points (required presence of a DFCKIII module on the bus or DFCP controller)	48 for each day of the week
Number of settable set points	5 for winter and 4 for summer
Operation LED	
It occupies 2 consecutive input addresses and 5 consecutive output addresses	
Dimensions	39 x 39 x 13 mm

cod. 08500/TZ/TH

AURORA TH

The **Aurora TH thermostat** allows for the regulation of room temperature in a specific area of a residence using the Domino bus system. It is possible to install multiple Aurora TH units on the same Domino bus, corresponding to the number of rooms that need temperature control. The Aurora TH features a backlit graphical display with touch functionality, showcasing the current room temperature, setpoint, and other relevant information. Additionally, the Aurora TH integrates a temperature and humidity sensor.
There are three temperature setpoints: Comfort, Economy, and OFF (Antifreeze). The Comfort and Economy setpoints, as well as the thermal differentials (hysteresis), are independently adjustable for both Winter and Summer. The control of the heating or cooling element is executed via the bus. Aurora TH also allows for the control of fan speed, if needed, when using fan coil heating. All operational parameters of the Aurora TH module can be monitored and adjusted via the bus, as well as through the CasaMia apps, a supervisory system, touch screen terminals, etc., both locally and remotely.



Technical Specifications

Power supply voltage	From bus		
Measurement resolution:	Temperature: 0.1 °C	Humidity: 1%	
Measurement Accuracy:	Temperature: ± 0.5 °C	Humidity: ± 2 %	
Dew point	Calculated based on current temperature and humidity		
Number of regulated areas	1		
Regulation type	ON/OFF with hysteresis		
Regulation range	Comfort 10.0 ÷ 35.5 °C	Economy 10.0 ÷ 35.5 °C	Antifreeze 0.0 ÷ 25.5 °C
Display	Backlit LCD graphic with touch screen function		
Probe type	Built-in temperature/humidity probe in panel		
Hysteresis	Programmable and independent hysteresis for Summer and Winter		

cod. 08147/C

DFMB-C

DFMB-C allows to manage up to 4 internal unit (split) of a condiotioning system through the Domino bus. The conditioning system can be interfaced in RS485 and MODBUS protocol. The compatible systems are the one of the table above.

The DFMB-C module allows you to perform the following functions to and from the air conditioning units:
- Switching the air conditioning unit on and off.
- Operating mode setting (Auto, Hot, Cold, Ventilation, Dehumidification).
- Temperature setting and display.
- Fan speed adjustment (max 4, however dependent on the specific unit).
- Deflector adjustment (max 4 positions + oscillation, however dependent on the specific unit.

Technical Specifications

Power supply voltage	from bus
Interface to Conditioning System	RS485
Communication Protocol	MODBUS RTU
RS485 cable max lenght	300 meters
Dimensions	2 DIN modules (2M)

INTERFACE	BRAND
Realtime RTD-RA	DAIKIN
Realtime RTD-NET	DAIKIN
Intesisbox ME-AC-MBS-1	MITSUBISHI
Intesisbox DK-AC-MBS-1	DAIKIN
Intesisbox PA-AC-MBS-1	PANASONIC
Samsung MIN-B19N	SAMSUNG
Mitsubishi PROCON A1M	MITSUBISHI

cod. 08157

DFPID

The **DFPID** is a dedicated module for temperature control with PID (Proportional-Integral-Derivative) function, designed to regulate a modulating 0-10V valve for the mixing of the thermal vector fluid. The onboard module also features 2 relay outputs. The PID controller retrieves information from the Domino bus regarding the temperature probes in both the heating system's supply water and external to the building. Based on the bus information and the setpoints configured, the DFPID will adjust the temperature of the thermal vector fluid by increasing or decreasing the recirculation percentage to achieve the optimal temperature for the building's thermal requirements. The 2 relays on the DFPID act as generic outputs and can be programmed using the standard equations of the Domino system.
The DFPID module can operate independently of the programmable control module DFCP and can be managed through the CasaMia APP.

Technical Specifications

Power supply voltage	from bus
Voltage output controlled by PID regulator	0-10V / 10mA
MAX Contact rating (each output)	• Resistive load (cosφ= 1): 12A at 250V~ (3000VA) • Inductive load (cosφ = 0.5): 3.6A at 250V~ (900VA) • Incandescent lamps: 8A at 250V~ (2000VA) • Fluorescent lamps: 350W with 42uF MAX power factor correction capacitor
1 output address and optionally 2 input addresses	
Dimensions	3 DIN modules (3M)

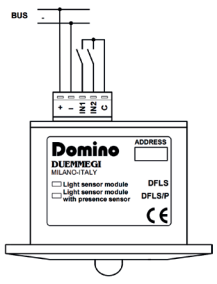
cod. 08134

DFLS

cod. 08135

DFLS-P

The **DFLS module** can transmit, through the Domino bus, the ambient brightness value detected by the sensor included in the module.
The **DFLS-P version** has also a built-in presence sensor.
DFLS also provides two generic Domino digital inputs (ON/OFF, programmable NO/NC); one of the two inputs can also be configured as an input for additional presence sensors (such as the SRP module) that will be in parallel with the internal presence sensor (with the -P version). The DFLS module is usually used to adjust lights in offices, shops and open spaces, in compliance with European standards on the energy classification of technology systems (European Standard EN 15232).



Technical Specifications

Power supply voltage	from bus
Number of digital inputs	2, for volt-free contacts
MAX length of digital input cables	20 m
Type of sensor	Photoreceptor with spectral response equivalent to that of human eye
Sensor full scale value	1023 points
Presence sensor	PIR
Coverage angle	100°
MAX detection range	5 metres
It occupies 2 consecutive input addresses	

cod. 08042/M

DFMETEO

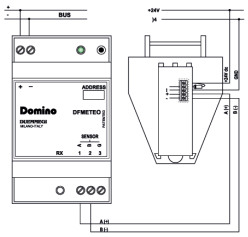
cod. 06035

WEATHER STATION

The DFMETEO module has been specifically designed to receive data from a weather station that detects a wide range of parameters, and make them available for the system. You can therefore view all the data directly on the DFTouch, Touch Screen or other.
The module occupies 4 input addresses reporting the following information:

1. Temperature in Celsius.
2. Luminous intensity in lux.
3. Wind speed in m/s
4. Digital information (bit 0 or 1) such as: Twilight **/** Rain **/** Temperature >= SetPoint **/** Luminosity >= SetPoint **/** Wind >= SetPoint **/** South light **/** West light **/** East light **/** Sensor fail.

The 3 thresholds (Temperature, Luminosity and Wind) can be set as fixed in the memory or, by enabling 3 optional output addresses, in a variable way (for example, from DFTouch).
Note: the weather station must be installed in an easily accessible location for periodic and accurate cleaning.



Technical Specifications

Power supply voltage	from bus
Weather sensor power supply voltage	24V ± 15%
Mod. absorption DFMETEO	Equal to 4 standard modules
Weather sensor MAX absorption	100mA
Temperature measurement	from -30 to +50 °C
Luminosity measuremen	0 ÷ 99000 lux
Wind speed measurement	0 ÷ 70 m/s
DFMETEO protection level	IP20
Sensor protection level	IP44
Dimensions	3 DIN modules (3M)

cod. 08155

DFAM2

Module with 2 configurable analog inputs, supporting 0-10V, 0-20mA, and PT100, PT1000, or NTC temperature probes. The range of values for the 2 analog inputs is adjustable.

Technical Specifications

Power supply voltage	from bus
Voltage inputs	0 ÷ 10V, maximum limit 12V
Current inputs	0 ÷ 20mA, 4 ÷ 20mA, maximum limit 25mA
Temperature inputs (2-wire technique)	PT100, PT1000, NTC 10KΩ at 25°C B-value 3435K
Voltage input resistance	> 10KΩ
Current input resistance	90Ω
Dimensions	2 DIN modules (2M)

cod. 08045/3

DFCKIII

The **DFCKIII module** provides the management of hourly, daily and weekly time zones, on a Domino system. The CLOCK function provides the management of a virtually unlimited number of outputs, each of which can have multiple switch-on and switch-off fixed times; alternatively, the DFCKIII module can handle up to 15 zones, with the advantage of varying each time zone directly from the DFTouch system display terminal (or other).
4 different time slots can be set for each zone (4 switch-on and 4 switch-off times) for each day of the week.

The main features of the DFCKIII module are the following:

- Internal clock with buffer battery and automatic summer/winter time change.
- Management of 15 different zones (outputs).
- Daily and weekly programming for each zone.
- Enabling/disabling of each individual time zone.
- Possibility to install several DFCKIII (with different address) in the same system.
- Possibility to set a master clock and multiple slave clocks (which are synchronised with the master).

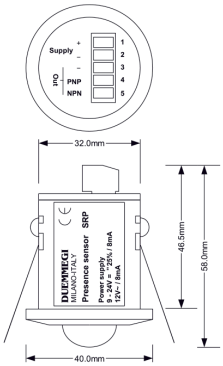
Technical Specifications

Power supply voltage	from bus
Number of controllable zones	15
Number of time slots per day	4
It occupies 1 input address	
Dimensions	2 DIN modules (2M)

cod. 01044

SRP

The **SRP** (Presence Sensor) **module** is a presence detector compatible with the Domino bus. The module is to be installed on false ceilings and s able to detect the presence of a moving person within 10 metres.



Technical Specifications

Installation	on ceiling
Power supply	8÷30Vcc o da bus
Coverage angle	100°
Detection range	10 m
Maximum recommended installation height	6.5 m
Output	NPN and PNP with voltage
Absorbtion	8mA excluding current from outputs

cod. 08041

CABLE

The **bus cable** provided by DUEMMEGI is a FROR type anti-flame cable CEI 20-22 with 1000V isolation.
The conductors are 2x0.8 sq.mm twisted wires. This type of cable reduces installation times and facilitates the work of the installer.

cod. 01088/MA

WEB TOUCH SCREEN

SEMINCASSO 7" MA

7-inch white capacitive IP touch screen display with a resolution of 1024x600. The touch screen is supplied with a mounting bracket for 503E – 506E recessed boxes.

Dati Tecnici

Power supply	PoE or 12V DC
Dimensions	221,4 x 151,4 x 16,5 mm

WEB TOUCH PRO

cod. 01123	cod. 01124	cod. 01125	cod. 01126
10"	**15,6"**	**18,5"**	**21,5"**

Capacitive **WEB TOUCH SCREEN DISPLAY** of the latest generation with PoE or 12Vdc power supply (adapter included), Android certified with table support bracket included, or via Mini VESA bracket (optional accessory code 01121) for wall mounting. The range includes the following 4 versions: 10", 15.6", 18.5" and 21.5".

Technical Specifications

Operating System	Android 11
Power Supply	PoE or 12Vdc with included plug adapter
Connectivity	WIFI 802.11 Bluetooth 4.0
Additional Outputs	HDMI
Additional Inputs	USB SD Card port
Audio	Bidirectional audio management
Camera	Yes, front-facing
Colour	Black
Resolution	• 10" version: 1280 x 800 • 15,6" version: 1920 x 1080 • 18,5" version: 1920 x 1080 • 21,5" version: 1920 x 1080
Dimensions (mm)	• 10" version: 178,54 x 260,54 x 25,50 • 15,6" version: 252,76 x 403,76 x 33,50 • 18,5" version: 282,5 x 462,00 x 37,50 • 21,5" version: 332,21 x 539,11 x 39,75

CONNECTION DIAGRAM

POWER SUPPLY → WEB TOUCH — CAT 5 — ROUTER DHCP — CAT 5 — DFCP 4 ETH or DFH

cod. 08030/KIT APP

DFSK1

Home Automation kit consisting of:

- **1 DFAPP Interface** between Ethernet network and Domino bus that enables operations such as assigning the address to the modules in the field and their programming through the network. The DFAPP module also allows you to control and program the home automation system through the iCasaMia and aCasaMia free applications available on the relevant stores; the form DFAPP is a user-friendly solution to control and manage, locally and remotely, your home automation system.
- **1 DF8RIT Multifunction module** with 8 digital inputs for potential-free contacts, 8 power relay outputs that can be configured for ON-OFF commands or in pairs for the management of shutters, 1 input for temperature sensor, room temperature regulator function with weekly programming.
- **1 DFST/A Temperature sensor** for temperature input DF8RIT.
- **1 DFPW3 System power supply module** which generates the voltage required for the operation of the modules connected to the Domino bus.

DFAPP Technical Data

External power supply	12V DC/1A or 24V DC/0.5A (AC power not allowed)
Total maximum current available on the 4 USB ports	1.2 A
CPU	quad-core Cortex-A53 1,2 GHz
RAM	1GB LPDDR2 (900 MHz)
Onboard network	10/100 Ethernet RJ45
Dimensions	4 DIN modules (4M)

DF8RIT Technical Data

Power supply voltage	from bus
Current by contact	1mA with closed contact - 0mA with open contact
Maximum length allowed for input cables	20m
Temperature sensor type	NTC
Range of temperature measurement	-20 ÷ +50 °C
Temperature measurement resolution	0.1 °C
Temperature measurement linearity	±0.3 °C
MAX temperature measurement error	±0.3 °C
MAX length for temperature sensor cables	10 metres, with shielded cable
Number of heat-regulated areas	1
Type of heat-regulation	ON/OFF with hysteresis and PID
Switching points (required DFCK3 or DFCP4 module)	48 for each day of the week
Number of settable set points	5 for Winter and 4 for Summer
Capacity of each output contact (MAX)	• resistive load (cosφ =1) 12A at 250V AC (3000VA) • inductive load (cosφ =0.5) 3.6A a 250Vca (900VA) • filament lights 8A 250V AC (2000VA) • fluorescent lights 350W with total max. capacitor of 42µF
Single-phase motor capacity	550VA
Maximum contact switching voltage	250V AC
It occupies from 1 to 7 input addresses and from 1 to 10 output addresses	
Dimensions	6 DIN modules (6M)

DFPW3 Technical Data

Power supply voltage	24V= typical, 29V= MAX
Overload and short circuit protection	Electronic
Maximum number of Domino modules for each DFPW3	50 modules weighing 1
Dimensions	2 DIN modules (2M)

2MG-Cat. FOR PROFESSIONALS 002/02-2024/EN

DUEMMEGI
HOME AND BUILDING AUTOMATION

30 1992 - 2022 YEARS ANNIVERSARY

CASAMIA TECH

T: 01483 343711
info@casamiatech.uk

www.casamiatech.uk