

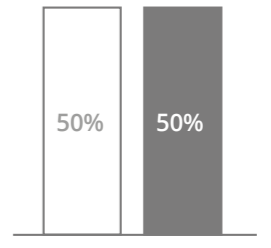


# THE WORLD OF CASAMBI®-LIGHT CONTROL





# POWER PARTNER



**5**

TIME CERTIFIED QUALITY

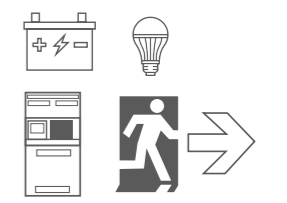
**50 %**

EXPORT RATE



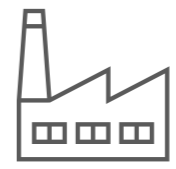
**53**

OWN PATENTS



**3.000**

PRODUCTS



**15.000**

m<sup>2</sup> PRODUCTION SPACE



**3**

DESIGN AWARDS



**5.000**

m<sup>2</sup> STORAGE SPACE



**5**

YEARS WARRANTY ON MANY PRODUCTS



// SMART LIGHTING //

## CASAMBI® POWERED BY RP – THE MODERN WAY TO CONTROL LIGHT

The use of CASAMBI® modules enables smart, convenient and, above all, cost-saving control of lighting and other devices in a Bluetooth Low Energy mesh network.

CASAMBI® is at the heart of an ECOSYSTEM, but its openness offers scope for new ideas. RP is part of this system and develops its own CASAMBI® Ready products, with the firmware used coming directly from CASAMBI®.

This extends the benefits for the user many times over. Regardless of whether in combination with DALI DT6/8, KNX; 0/1-10V, phase cut-off, shutter motor controls, motion detectors or push-buttons in a wide variety of designs - CASAMBI® offers interfaces for countless control options.

LEARN MORE ABOUT  
CASAMBI® POWERED  
BY RP-GROUP  
[www.rp-group.com/casambi](http://www.rp-group.com/casambi)

NEW

### // SALVADOR BY CASAMBI® //

- Simplifies the commissioning of a DALI control using the Casambi APP via smartphone or tablet (Android & APPLE).
- Up to 64 DALI drivers individually per Casambi Salvador module controllable.
- Full functionality of Casambi control technology plus added value such as simple HCL scene setting.
- Control of a mix network consisting of a Salvador DALI . network and wireless Casambi ready modules.
- Perfect for renovation, expansion, conversion and anywhere. Flexibility is important.
- Application for indoor and outdoor lighting.
- Available soon.



### The complete world of CASAMBI®'s own products:

#### // ASD LONG RANGE //

The CBU-ASD unit is a module that can be integrated directly into a luminaire to control it wirelessly via the respective driver.

The module offers connection options for:

- DALI- or 0/1-10V-dimmable Driver
- DALI-Sensors or DALI-Relay
- Potential-free contact (e.g. push-button)
- Relay with a 220-240VAC



#### // CBU-A2D //

As an alternative to the ASD module, the CBU-A2D module can be used if more DALI voltage supply is required. It is also possible to control two 0/1-10 V dimmable drivers.

Furthermore, it is possible (for both modules) to program the control output on site with one of the CASAMBI® profiles configured as standard (e.g. TW (Tuneable White), RGB (Red, Green, Blue), RGBW (Red, Green, Blue, White), RGBWAF (Red, Green, Blue, White, Amber, free color) via the app.

Both modules can be used with any commercially available motion detector if they are programmed as a control unit using the corresponding preconfigured CASAMBI® profile (mode).





// SMART LIGHTING //

### // CBU-PWM4 MODULE //

The module is used on the one hand for dimming luminaires and on the other for setting RGB and RGBW using the color selection field integrated in the app. In addition, visually appealing colour sequences can be created using animations. The module can control 4 individual LED strips or two Tuneable white or RGBW LED strips, for example. A constant voltage power supply unit of 12/24VDC is required to supply the module.

It is also possible to program the control output on site with one of the CASAMBI® profiles (modes) configured as standard via the app.



### // CBU-DCS //

The DCS module does not require its own voltage connection as it is operated directly via the DALI bus. It was primarily developed to control a mixed network consisting of DALI and CASAMBI® and is used in this way.

CBU-DCS is used to control:

- DALI drivers in broadcast mode
- 1 - 8 individual DALI drivers or groups of DALI drivers (standard DALI software that can be downloaded from the WEB may be required to pre-configure the drivers)
- DALI sensors or DALI relays

The module can also be used as an interface between KNX DALI gateways and CASAMBI® networks.

It is also possible to program the control output on site with one of the CASAMBI® profiles configured as standard via the app.



### // Xpress-LR //

The CASAMBI® XPRESS-LR is not only a wireless light switch, but also a remote control. The switch brings a high degree of flexibility to the interior design without the need to consider switch wiring or placement.

The switch can be installed anywhere and provides direct access to all the important functions of the CASAMBI® lighting control system. With the additional „Long Range“ feature, users now benefit from an extended control range.

The product is available in white and black.



### // CBU-TED-LR //

The CBU-TED-LR module is a Bluetooth-controlled trailing edge phase cut-off dimmer that enables stepless dimming of all light sources available on the market. It can be installed either behind a conventional light switch or directly in a luminaire or junction box.

With the new long range feature, it is now possible to bridge significantly greater distances between the individual modules. The CBU-TED module can be used with any commercially available motion detector if it is programmed as a control unit using the corresponding pre-configured CASAMBI® profile (mode).



### // CGW-001 (Cloud / Casambi Gateway) //

With the gateway (integration into the existing MESH network is mandatory), the user can control the CASAMBI® network from any location, access functions via the app and customize them. The following options are available:

1. creating groups, scenes and animations.
2. switching on/off or dimming individual luminaires, groups or even the entire network.
3. creation and editing of timer functions,

**Note:**

The CASAMBI® Cloud Gateway only works with the Evolution firm-ware.





## The world of CASAMBI® - ready products in the CASAMBI® ecosystem



### // CASA DAMA200 //

The CASA DALI Master module enables wireless control of DALI luminaires and DALI drivers. The generously dimensioned DALI bus power supply of up to 200mA allows up to 64 DALI luminaires or power supply units to be connected to a single module. This offers the user a decisive cost advantage. The module has integrated strain relief and terminal cover for optimum installation.

From Q2/2024, RP will offer a version that can switch a high capacitive load of up to 800 watts.

It is also possible to program the control output on site with one of the CASAMBI® profiles (modes) configured as standard via the app.



### // SMART LIGHTING //

### // CASA TRAILING EDGE DIMMER //

The CASA Trailing Edge Dimmer is a trailing edge dimmer primarily for use in suspended ceilings. Its use enables stepless dimming of trailing edge phase cut-off lamps. Output power 150W LED / 200W ohmic (e.g. light bulbs). It is controlled wirelessly with the CASAMBI® app. Strain relief and terminal cover are integrated.

The product is already a full member of the CASAMBI® ecosystem.



### // CASA PWM5 //

The CASA PWM5 unit enables direct access to preconfigured functions of the CASAMBI® lighting control system. These include dimming and switching luminaires on and off, as well as setting colors. RGB CCT is now possible thanks to the integration of the fifth channel. Connected luminaires remain flicker-free down to low dimming levels.

The output voltage of the module is 12-24V DC, the total output power is 170W. Strain relief and terminal cover are integrated.

The product is already a full member of the CASAMBI® ecosystem.



### // CASA BULB //

The CASA BULB CCT light source with E27 base has an integrated CASAMBI® controller and can therefore be conveniently controlled via app from a smartphone or tablet. The light color can be continuously selected from warm white to cool white. Now with Smart Switch.

The product is already a full member of the CASAMBI® ecosystem





## The new RP Mini series - CASAMBI® ready product portfolio for the flush-mounted box



### // CASA CONNECT 4 Buttons //

The CASA Connect 4 Buttons is a button interface module for connecting up to 4 buttons. As a new feature, it now offers the long range version, which enables longer ranges.

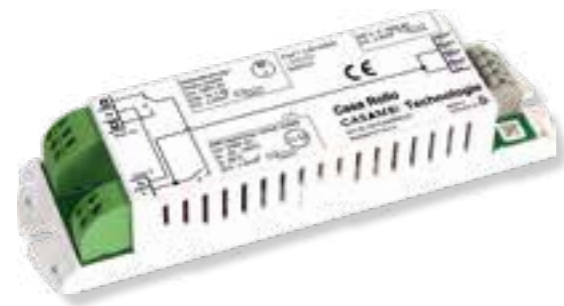
The interface is a member of the CASAMBI® ecosystem and can be easily integrated into the network via the app.



### // CASA ROLLO MINI //

**NEW**

The shutter/blind control is an innovative solution that not only allows you to determine the position of your shutters depending on the incidence of light, but also has CASAMBI®-compatible push-button inputs to enable seamless wireless control.



### // CASA ROLLO LR //

Now in LR version

With the CASA ROLLO roller shutter control unit, roller shutters, blinds or awnings can be controlled via push-button or app. With the additional „Long Range“ feature, you can now also ensure reliable control from greater distances.

The product is already a full member of the CASAMBI® ecosystem.



**NEW**

### // CASA POWER RELAIS LR //

The relay has 2 potential-free contacts. The maximum power specified below can be switched for each contact. Furthermore, both contacts can be controlled independently of each other.

With the additional „Long Range“ feature, you can now also ensure reliable control from greater distances

From Q2/2024, RP will offer a version that can switch a high capacitive load of up to 800 watts.

The product is already a full member of the CASAMBI® ecosystem



### // CASA DAMA Mini //

The CASA DALI master module enables wireless control of DALI luminaires and DALI drivers. The DALI bus power supply allows the connection of up to 30 mA.

The configuration of the various available CASAMBI® profiles (modes) can be configured wirelessly via the app.

**NEW**



### // CASA DIMM Mini //

The CASA DIMM Mini is a trailing edge phase control dimmer. Its use enables stepless dimming of trailing edge phase cut-off lamps.

With an output power of 200 W, it offers increased performance for its size suitable for flush-mounted boxes. It is controlled wirelessly with the CASAMBI® app.

The configuration of the various available CASAMBI® profiles (modes) can be configured wirelessly via the app.

**NEW**



# FOR RP DROS

## RP-GROUP – INNOVATION MADE IN GERMANY

Today, RP-Group's products and solutions are an integral part of public and commercial real estate, but increasingly also of private real estate.

For more than 40 years, we have been ensuring a high level of safety in buildings with innovative emergency and safety lighting and are one of the leading manufacturers of emergency lighting systems in Germany. Further pillars of our business are modern power supply systems, powerful batteries and innovative solutions for general lighting with smart control options. As an innovation and growth-oriented medium-sized company, we are constantly opening

up new business areas for ourselves and our partners.

Almost all of our products are engineered in Germany - many are even made in Germany. Our internal quality assurance system and various certifications – such as ISO 9001 and ENEC – ensure that our products meet the highest requirements for reliability, quality and safety. It is certainly no coincidence that RP-Group solutions enjoy an excellent reputation in the electrical trade and trade as well as among lighting planners and building operators



red dot design award

**RP-Technik GmbH**  
PART OF RP-GROUP

**Headquarters/Production**  
Hermann-Staudinger-Str. 10 - 16  
63110 Rodgau

**Fon** +49 6106 660 28-0  
**E-Mail** info@rp-group.com



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