

2018 Catalogue

WIRELESS SOLUTIONS

FOR INDOOR/OUTDOOR
AUTOMATION, LIGHTS AND LOADS

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TELECO A COMPANY WITH VISION

Teleco, an Italian company founded in 1996, offers complete systems for controlling automation systems, lighting and loads within residential and commercial buildings, both indoors and outdoors via radio from a single hand unit or else from Smartphones and Tablets.



INTERNATIONAL PRESENCE

The company markets its products in more than 40 countries, on 5 continents and directly avails itself of 3 branches in France, Germany and Australia.



ITALIAN SPIRIT

Centralisation of the research and development, design, production and testing activities ensures a line of products designed to facilitate the work of the professional while offering a timely response to market demands.



VERSATILITY

A single control system, combined with a line of discreetly designed LED lighting that is ideal for any type of environment.

TIMELINE A FEW HISTORICAL FACTS



1996

Teleco was founded

2003

First commercial branch in France

2006

Second commercial branch in Germany

2010

Teleco Inlumina was founded, specialist in LED illumination

2013

Expansion of the outdoor line

2015

Third commercial branch in Australia

2017

Merger with Teleco Inlumina. Teleco becomes a company that designs, manufactures and markets a control system via radio for automation systems, lighting and loads, combined with a line of LED lighting.

5 GOOD REASONS TO CHOOSE TELECO

Wireless: free to choose

The wireless control systems make it easier to use home automation systems and simplify their installation, allowing the configuration to be changed even at subsequent phases.

TELECO IS CONNECTIVITY INNOVATION DESIGN

Remote control for LED lights: simplicity and efficiency

The ability to choose from a wide range of control systems, applied to a line of high quality LED lights, enables identification of the ideal solution for the lighting of any environment.

Pocket automation: applications for smartphones and tablets

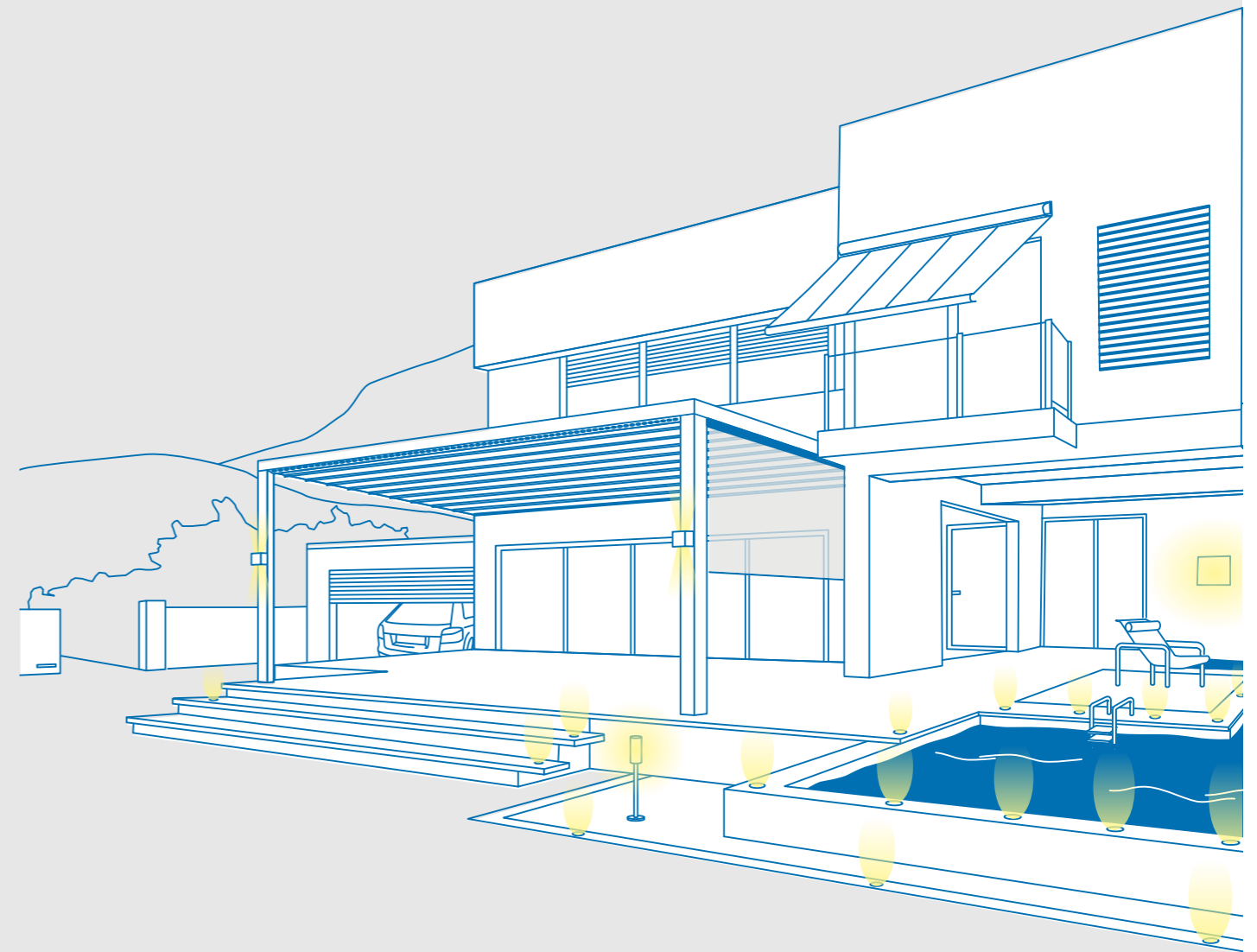
The most advanced technology is combined with ease of use thanks to an intuitive interface that is able to simultaneously control multiple devices from the remote control or from mobile devices.

A trusted partner

Identifying the right solution to suit your needs is not easy: having a single point of contact, available to listen and that is completely reliable, is a value that goes beyond the product.

Italian quality and style

In line with the best international standards to compete in all markets, Teleco solutions are the expression of a typically Italian product and style culture.



DAISY

CONNECTIVITY

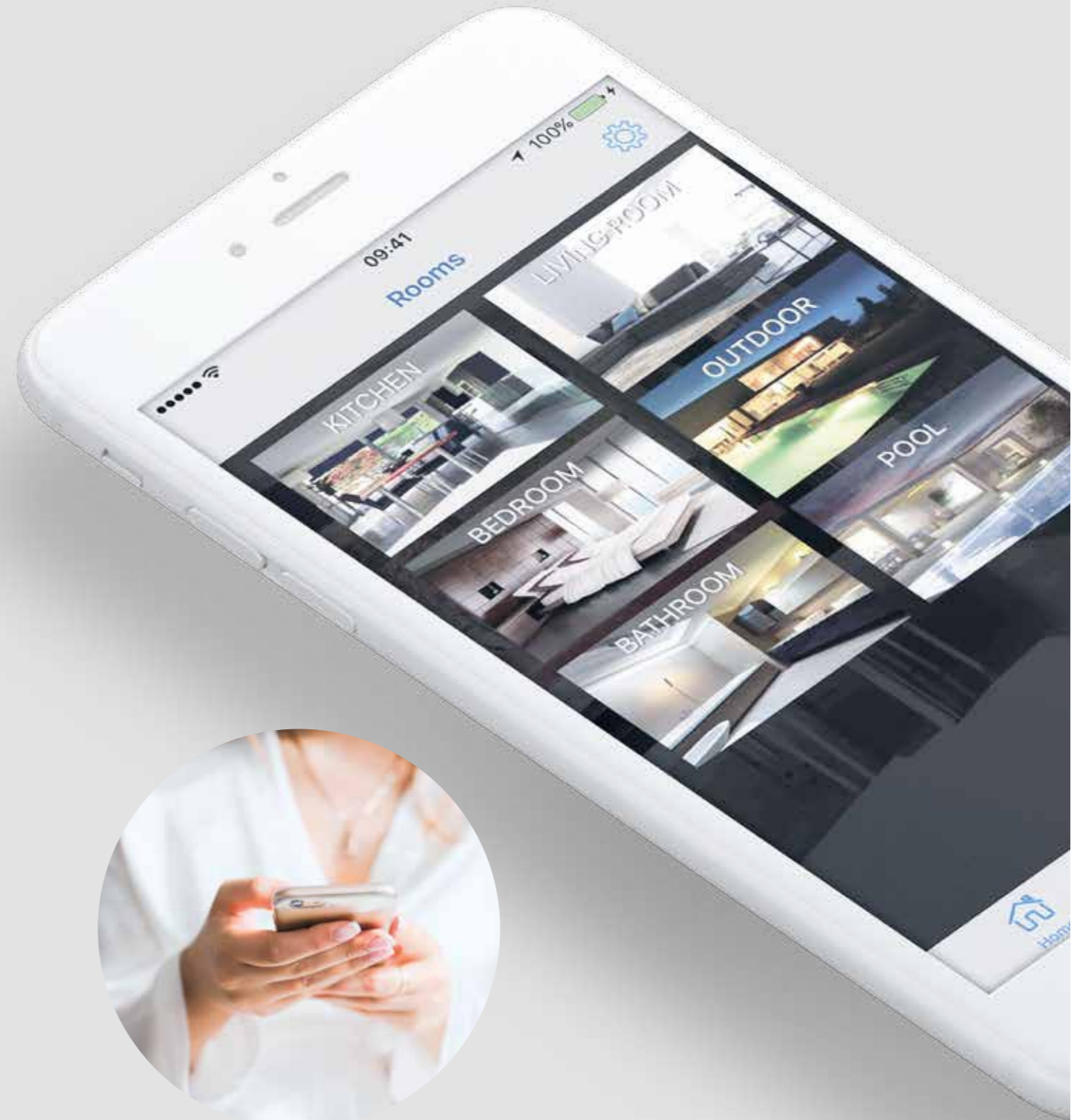


SIMPLICITY AND FUNCTIONALITY

DAISY IS THE APP THAT ALLOWS YOU TO CONTROL ALL THE TELECO DEVICES VIA RADIO AT ANY TIME AND FROM WHEREVER YOU ARE



- Control from smartphones and tablets
- Intuitive and easy to use menu
- The creation of scenarios and timer weekly

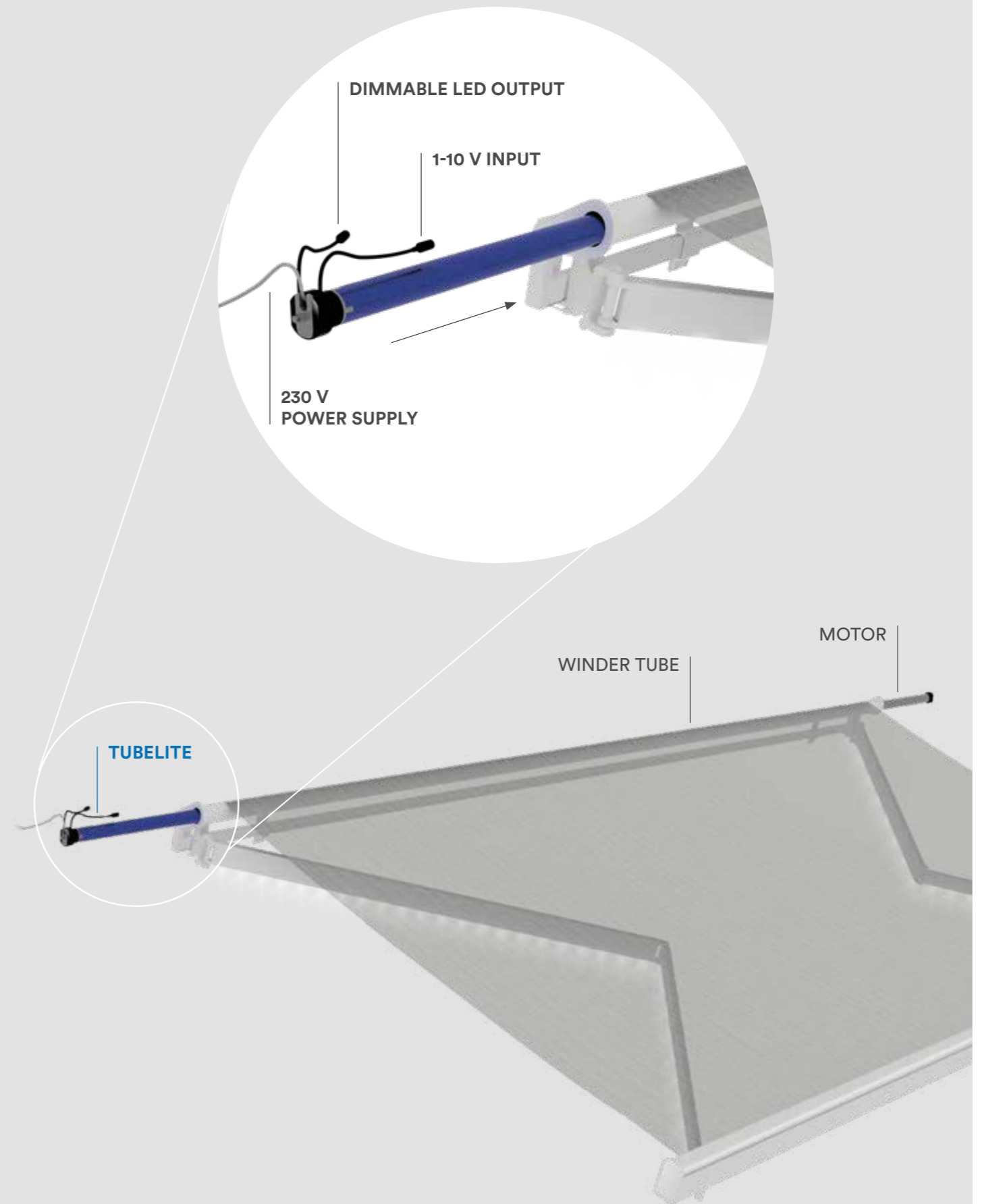


TUBELITE

RESEARCH AND TECHNOLOGY

TUBE WITH A BUILT-IN DIMMER AND POWER SUPPLY UNIT FOR THE RADIO CONTROL OF LED LIGHTS

- Compatible with all the curtain winding tubes available on the market
- It can be installed in the winding roller, on the side opposite to that of the tube motor



INNOVATION

RADIO CONTROLS

DESIGN

COMFORT AND BEAUTY

A LINE OF TRANSMITTERS
WITH A REFINED DESIGN
THAT ENHANCES EVERY
ENVIRONMENT

- A wide range to functionally complete custom projects: portable, table-top, wall-mounted, recessed, keyboard control, with sensors



MIO
PORTABLE, SMALL
AND VERSATILE

Design
Black and satin-finished
aluminium

INTENSE
WALL-MOUNTED, THIN
AND SIMPLE TO INSTALL

Design
White polycarbonate



WIRELESS CONTROL SOLUTIONS

MAXIMUM COMFORT MINIMUM IMPACT

By only one touch, switching all the lights off and closing the blinds when you are rushing to leave home, setting your veranda and the sun blinds for a relaxing afternoon from your app while you are getting ready, selecting the perfect lighting for a dinner on the terrace while you think about the menu: all this can be done thanks to Teloco's wireless solutions. Simple to be used and easy to install, they are devised to control either single devices or complex systems, depending on your needs.



LIGHTING AND LOADS

A complete solution to control all home automation systems, individually or centrally, including the creation of multiple scenarios.



PERGOLAS

Rollable or packable fabric, adjustable or retractable blades: a solution for any type of motorised pergola.



VERANDAS

Unique command for managing the lights, awnings and heaters on the veranda.



AWNINGS

Fully retractable: a control solution that is perfectly integrated within the sun shading structure.



DOORS, GATES AND ROLLER SHUTTERS

From the simple wireless control of a shutter, a roll-up door or a domestic gate to the access control of large residential complexes.



SUNSHADES

Practical dimmable LED lighting system for garden umbrellas.





PERGOLAS

HEATERS

LED LIGHTS

SCREENS

GATES

VERANDAS

DOORS

ROLLING SHUTTERS

AWNINGS

LIGHTING

LOADS

SUNSHADES

AUDIO SYSTEMS

LIGHTING AND LOADS SOLUTIONS

Versatile, easy to be installed and used, Teleco's wireless systems to control the lights and the loads are the complete solution for your house. Wall-mounted, recessed or retractable, the wide range of Teleco products will always offer you the most appropriate response to your changing requirements.

- Management from a single completely wireless command for lights and loads.
- A complete range for any type of installation: wall-mounted, on DIN rail, in suspended ceilings, recessed or even hidden inside wall plates.
- A versatile solution to control all home automation systems, individually or centrally, including the creation of multiple scenarios.

REMOTE CONTROLS

Radio controls
Control from Smartphones and Tablets
Sensors
Interfaces for home automation systems

CONTROL UNITS

Devices with DMX/DALI and 0-10 V input
Halogen and 230 Vac LED lights
24V LED lights
Indoor/outdoor lights and loads

LED LIGHTS

Power supply
Control
Cables
Profiles
Lights
Spots
Strips
Projectors



REMOTE CONTROLS

LIGHTING AND LOADS

RADIO CONTROLS



INTENSE

Wall-mounted transmitters can be easily installed on any surface.

Suitable for the management of: lights, loads, roller shutters, Venetian blinds and scenarios.

Full range from page 68

CONTROL FROM SMARTPHONE AND TABLET



DAISY

Command system via App to control the Teleco devices from Smartphones and Tablets.

Full range from page 62



SENSORS



Automation control related to the climate and environmental conditions detected.

Full range from page 80

INTERFACES FOR HOME AUTOMATION SYSTEMS



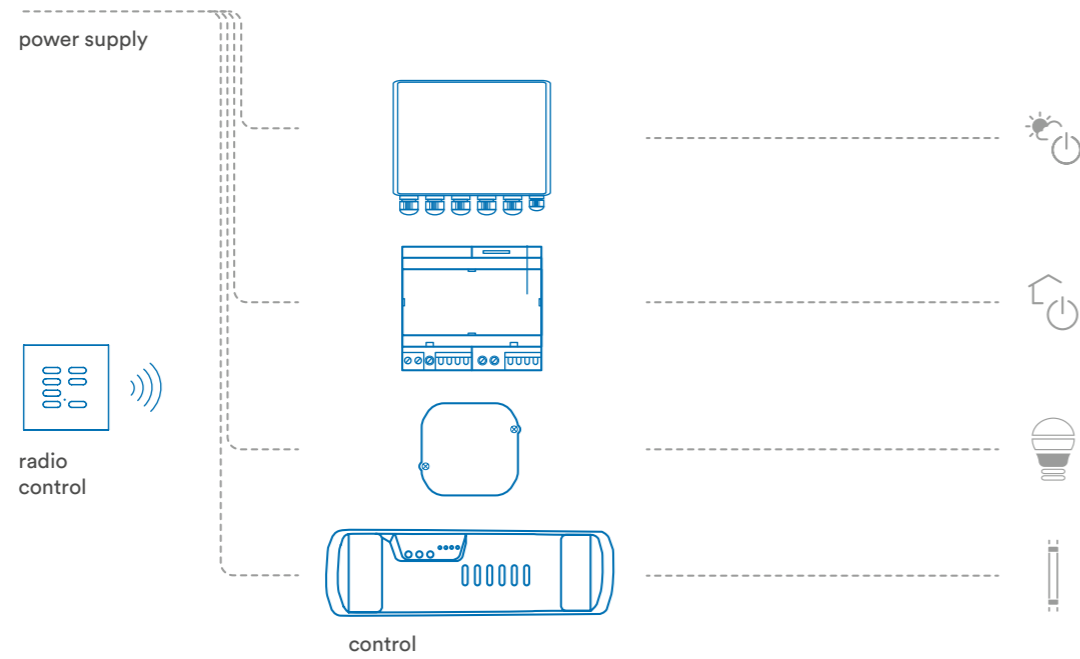
Line of devices to connect the Teleco solutions to other home automation systems.

Full range from page 84



CONTROL UNITS

LIGHTING AND LOADS



DIMMER 12-24 Vdc LED LIGHTS



TVSTICK

Dimmer with integrated radio receiver and 230 V power supply unit for control of 24 Vdc 1-colour LED.

[More information on page 94](#)

UNIVERSAL DIMMER FOR 230 V LED LIGHTS AND HALOGEN



DLC

1 250 W output.

[Full range from page 104](#)

DIMMER WITH DMX / DALI AND 1-10 V INPUT



DMM

1 output up to 250 W.

[Full range from page 104](#)

ON/OFF 230 Vac INDOOR LIGHTS AND LOADS



PRSD

230 Vac receiver with 4 outputs, protected by fuse for the control of resistive loads up to 4000W or 2 tubular motors up to 400W.

[Full range from page 110](#)

ON/OFF 230 Vac OUTDOOR LIGHTS AND LOADS



RCL

4 uscite protette da fusibile per carichi fino a 2000 W.

[Full range from page 116](#)



LED LIGHTS

LIGHTING AND LOADS

POWER SUPPLY UNITS

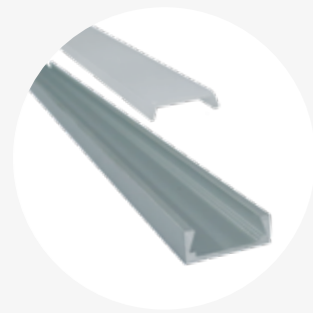


STICK

230 V power supply units for 24 Vdc LED lights.
Ideal for aluminium profile.

[More information on page 169](#)

PROFILES AND DIFFUSERS



Anodized aluminium profiles, complete with diffusers to be combined of the LED strips are available upon request.

[More information on page 168](#)

LED STRIPS



Range of monochromatic and coloured LED strips - for indoor and outdoor - available in coils.

[Full range from page 166](#)

LED SPOTS



PERSEO

Spotlight with swivel ring for installation in suspended ceilings.

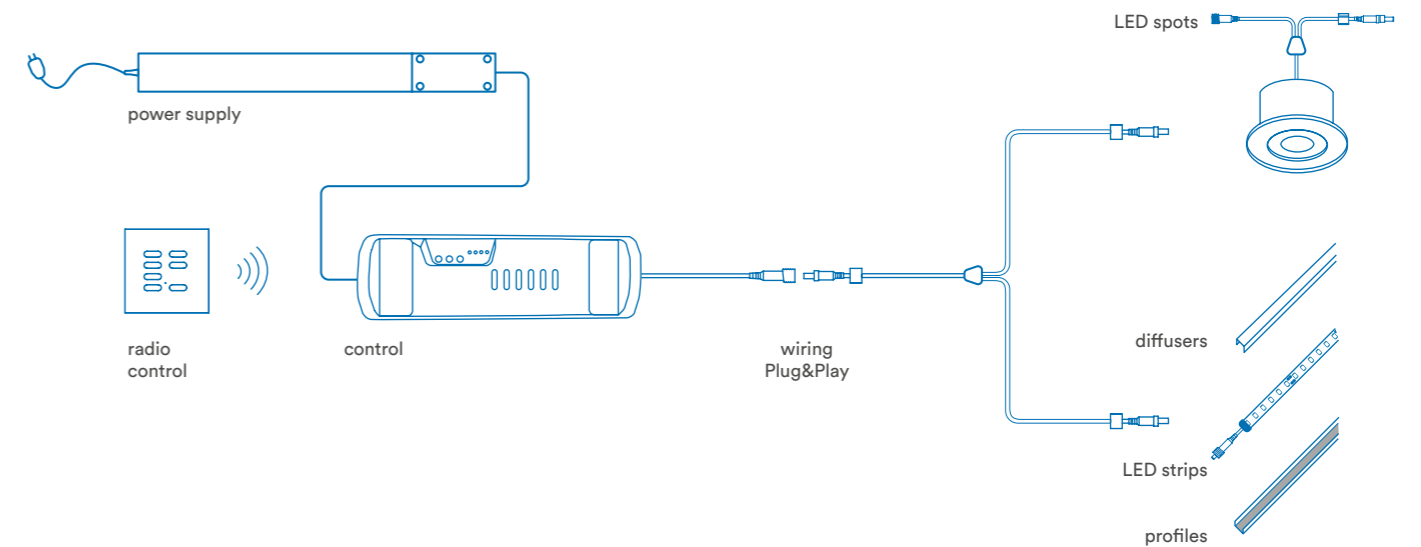
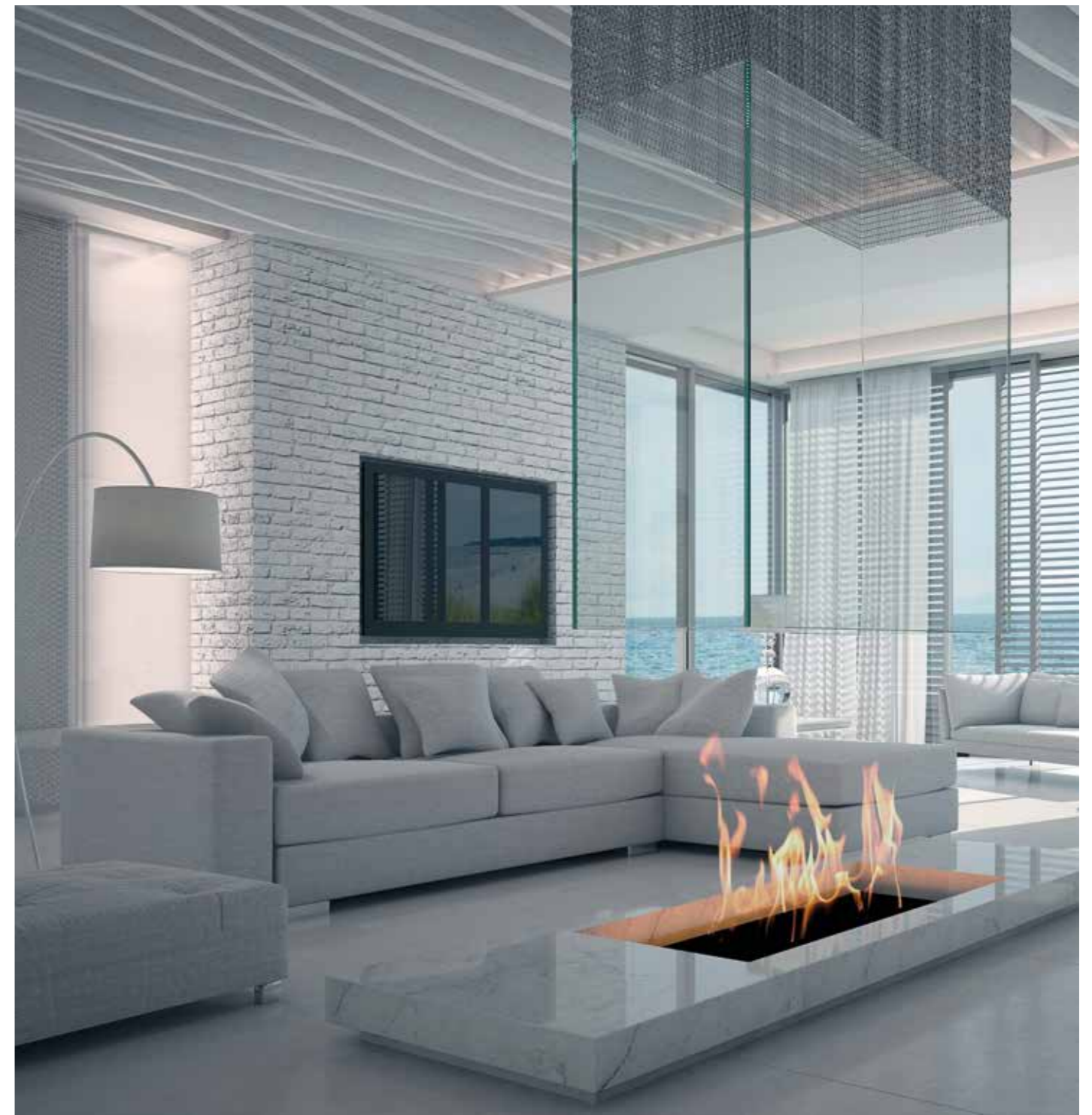
[Full range from page 160](#)

PLUG & PLAY WIRING AND CONNECTORS



The power supply cables are provided with handy connectors that allow making the connections directly on the field, without any waste of time.

[Full range from page 168](#)



PERGOLA SOLUTIONS

Improving the functionality and efficiency of your home means improving the quality of your own life. Thanks to the wireless automation solutions for pergolas, your garden can be transformed how and when you want.

- Rollable or packable fabric, adjustable or retractable blades: a solution for any type of motorised pergola.
- Lighting, automations, heating and sensors can be managed in an optimal, simple and coordinated manner, with a single remote control device.
- Short installation times ensuring complete safety.

REMOTE CONTROLS

Radio controls
Control from Smartphones and Tablets
Sensors
Interfaces for home automation systems

CONTROL UNITS

Adjustable slats and LED lights
Screen
Heaters
Audio system

LED LIGHTS

Power supply
Control
Cables
Profiles
Lights
Spots
Strips



REMOTE CONTROLS

PERGOLA

RADIO CONTROLS



EVO

Hand transmitters with wall fixing support.

Suitable for the management of: lights and scenarios, heaters and audio systems.

Full range from page 71

CONTROL FROM SMARTPHONE AND TABLET



DAISY

Command system via App to control the Teleco devices from Smartphones and Tablets.

Full range from page 62



CLIMATIC SENSORS



NOSY

Wireless wind and sun sensor.

Full range from page 80

INTERFACES FOR HOME AUTOMATION SYSTEMS



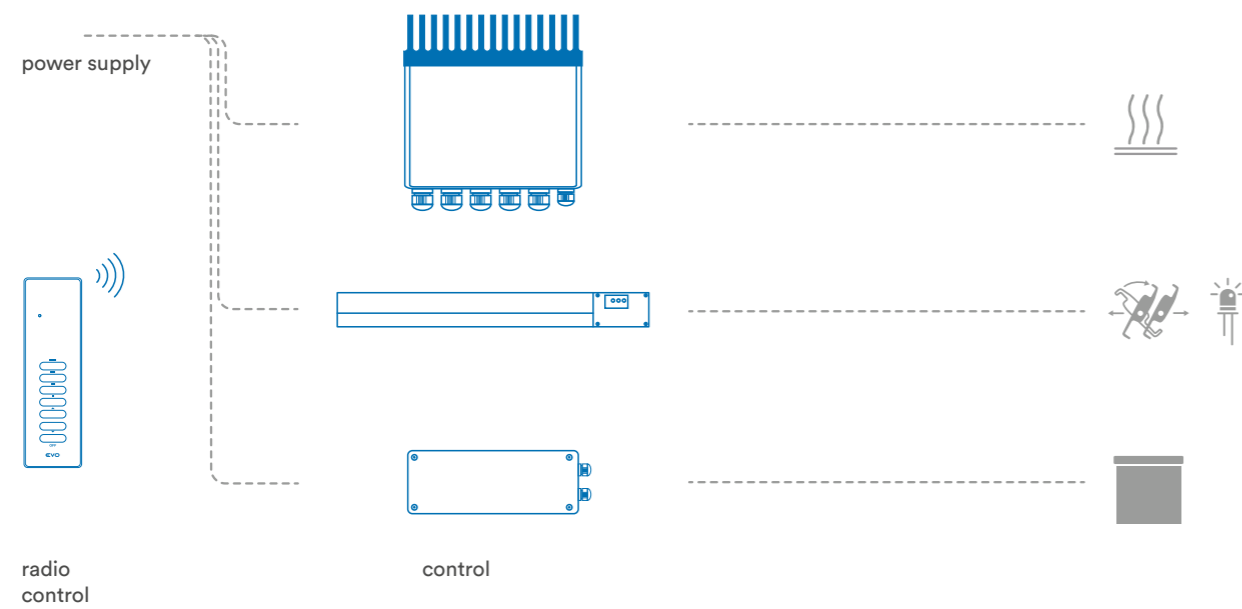
Line of devices to connect the Teleco solutions to other home automation systems.

Full range from page 84



CONTROL UNITS

PERGOLA



ADJUSTABLE SLATS AND LED LIGHTS



TVALL

Control unit to manage linear motors and 24 V LED lights with built-in 230 V power supply.

[More information on page 127](#)

VERTICAL ROLLER AWNINGS



PL4

For 4 awnings.

[Full range from page 132](#)

HEATERS



HET

1 output up to 6800 W.

[Full range from page 120](#)

AUDIO SYSTEM



MELODY

With Melody you can play the music you like from Smartphone or tablet via Bluetooth.

[More information on page 136](#)

LED LIGHTS

PERGOLA

POWER SUPPLY UNITS

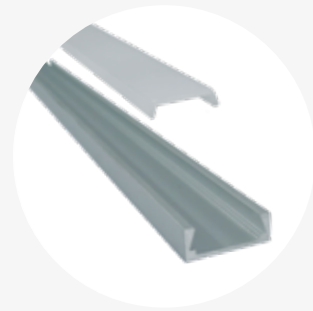


STICK

230 V power supply units for 24 Vdc LED lights.
Ideal for aluminium profile.

Full range from page 169

PROFILES AND DIFFUSERS



Anodized aluminium profiles, complete with diffusers to be combined of the LED strips are available upon request.

More information on page 168

LED STRIPS



Range of monochromatic and coloured LED strips - for indoor and outdoor - available in coils.

Full range from page 166

LED SPOTS



REGULUS

Adjustable spotlight installed on aluminium structures.

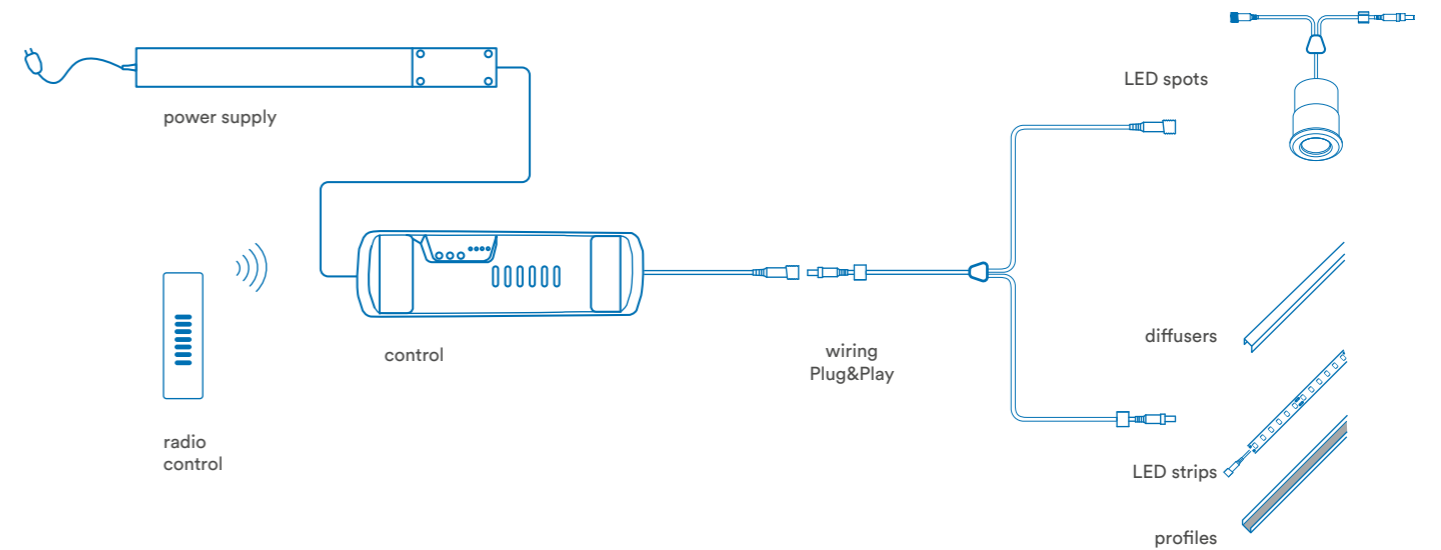
Full range from page 160

PLUG & PLAY WIRING AND CONNECTORS



The power supply cables are provided with handy connectors that allow making the connections directly on the field, without any waste of time.

Full range from page 168



VERANDA SOLUTIONS

Refined designed, controlled efficiency and safe comfort: the control systems for your veranda are beautiful to see and easy to be installed; they contribute to the efficiency of your home and allow for a more comfortable use of the space. Even when you are not there.

- Unique command for managing the lights, awnings and heaters on the veranda.
- Complete system, easy to install and safe. It requires no special electrical knowledge.
- Plug&Play wiring further facilitates installation.

REMOTE CONTROLS

Radio controls
Control from Smartphones and Tablets
Sensors
Interfaces for home automation systems

CONTROL UNITS

12-24 V LED lights
Screen
Heaters
Audio system

LED LIGHTS

Power supply
Control
Cables
Profiles
Lights
Spots
Strips



REMOTE CONTROLS

VERANDA

RADIO CONTROLS



EVO

Hand transmitters with wall fixing support.

Full range from page 71

CONTROL FROM SMARTPHONE AND TABLET



DAISY

Command system via App to control the teleco devices from Smartphones and Tablets.

Full range from page 62



CLIMATIC SENSORS



RAIN

Wireless rain sensor.

Full range from page 80

INTERFACES FOR HOME AUTOMATION SYSTEMS



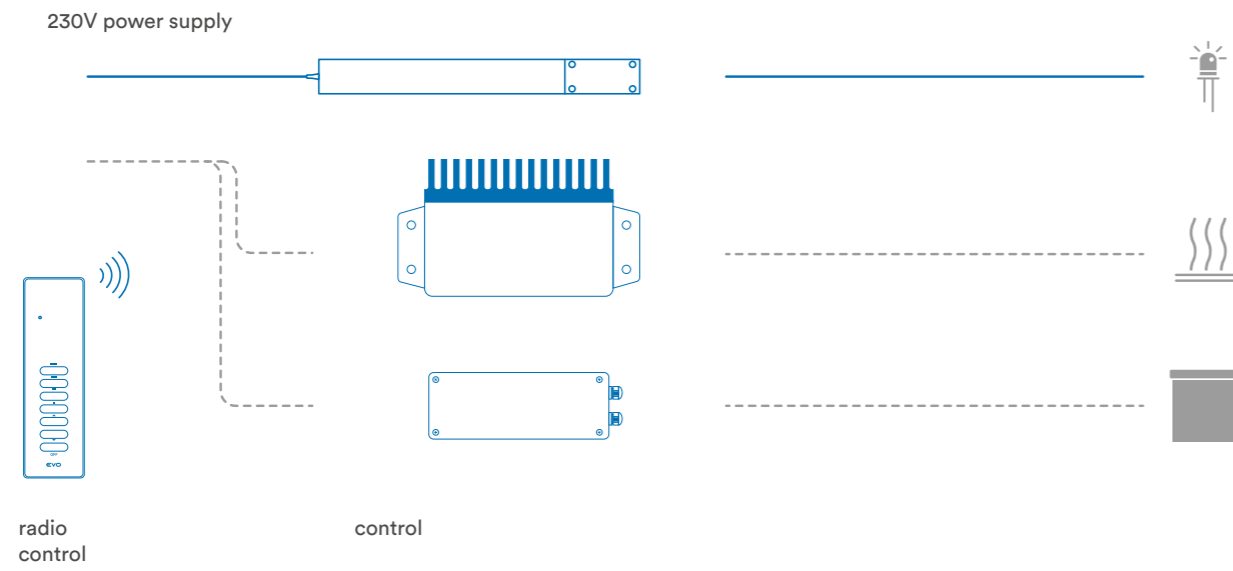
Line of devices to connect the Teleco solutions to other home automation systems.

Full range from page 84



CONTROL UNITS

VERANDA



DIMMER 12-24 Vdc LED LIGHTS



TVSTICK

Dimmer with built-in radio receiver and 230 V power supply unit for the control of 24 Vdc 1-colour LED. Ideal for aluminium profile.

[More information on page 94](#)

SCREEN



PRS

Control unit with radio receiver to control 230 Vac motor.

[Full range from page 132](#)

HEATERS



HET

Dimmer for resistive or infrared heaters up to 2000 W.

[Full range from page 120](#)

AUDIO SYSTEM



MELODY

With Melody you can play the music you like from Smartphone or tablet via Bluetooth.

[More information on page 136](#)



LED LIGHTS

VERANDA

POWER SUPPLY UNITS

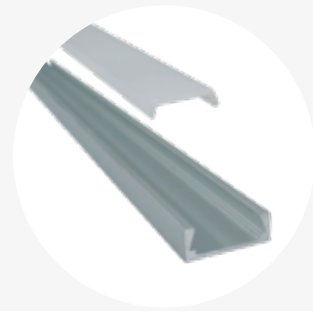


STICK

230 V power supply units for 24 Vdc LED lights. Ideal for aluminium profile.

[More information on page 169](#)

PROFILES AND DIFFUSERS



Anodized aluminium profiles, complete with diffusers to be combined of the LED strips are available upon request.

[More information on page 168](#)

LED STRIPS



Range of monochromatic and coloured LED strips - for indoor and outdoor - available in coils.

[Full range from page 166](#)

LED SPOTS



ATLAS

LED spotlight for aluminium and wooden structures. Thanks to the fixing mechanisms by means of magnetic supports it does not require a recessed hole.

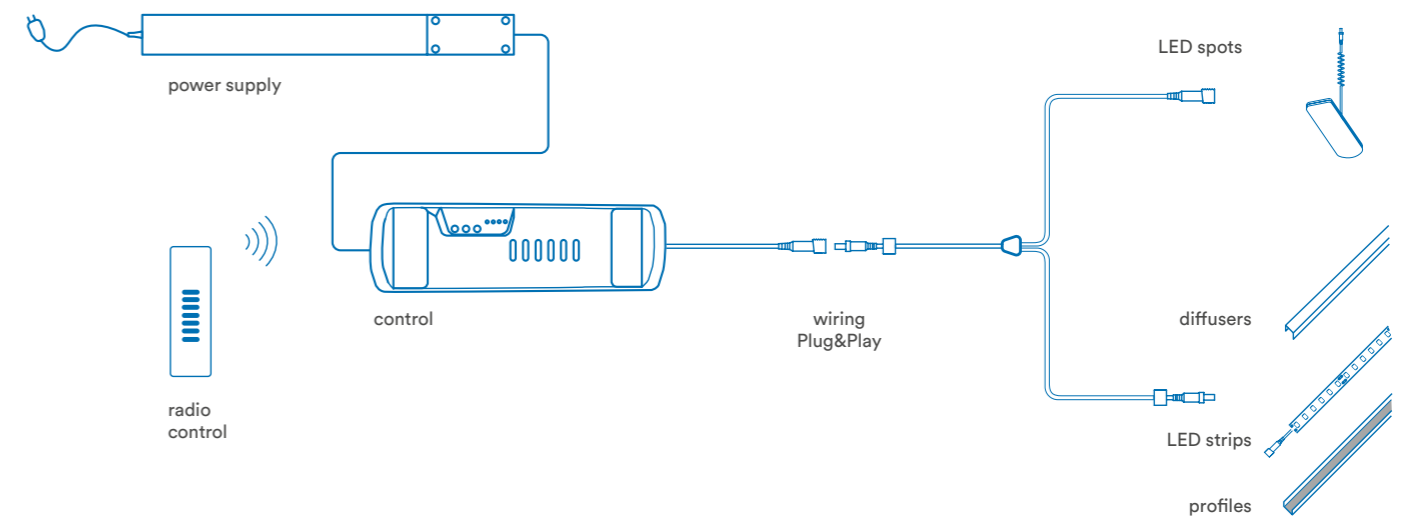
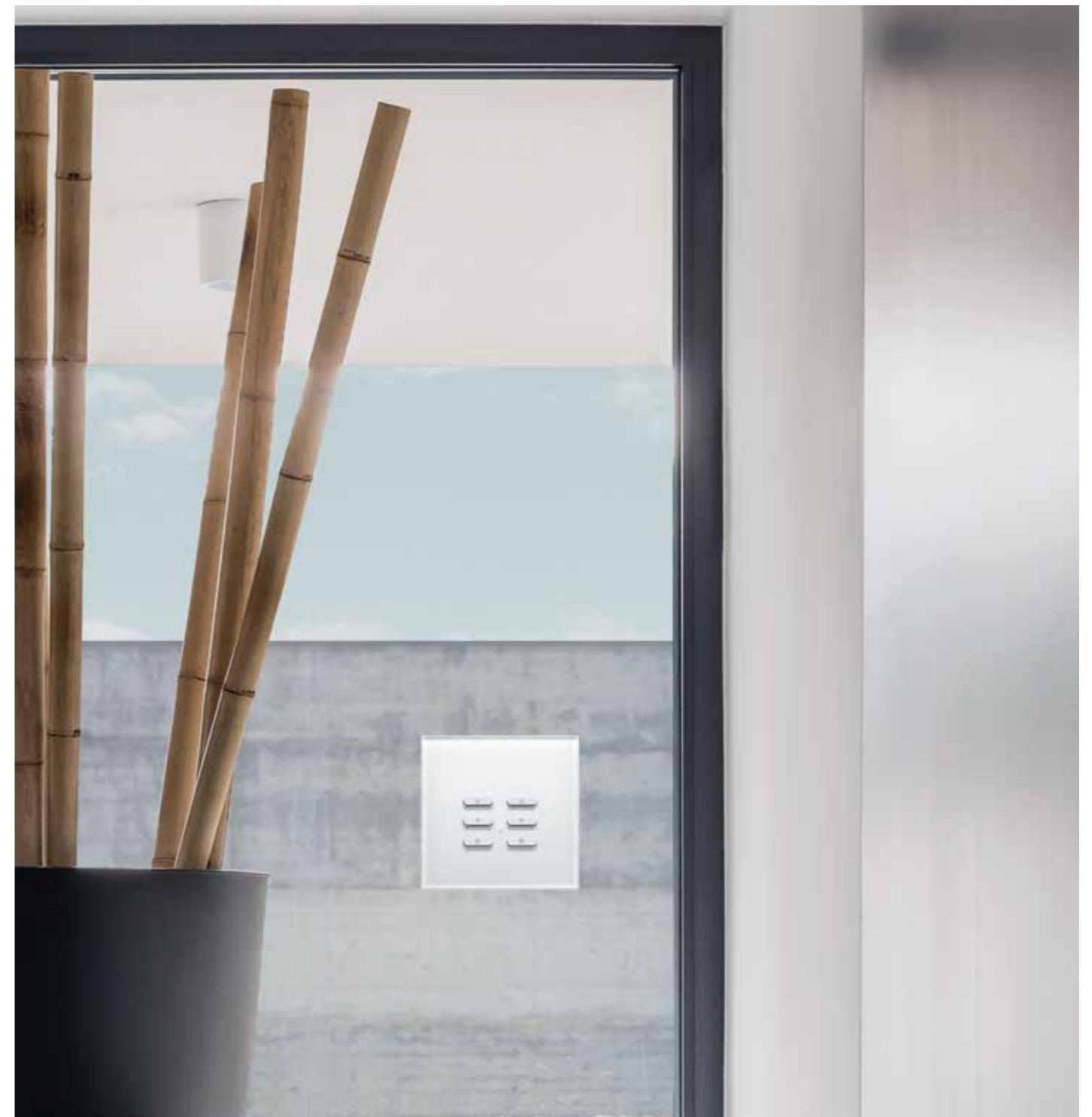
[Full range from page 160](#)

PLUG & PLAY WIRING AND CONNECTORS



The power supply cables are provided with handy connectors that allow making the connections directly on the field, without any waste of time.

[Full range from page 168](#)



AWNINGS SOLUTIONS

A smart house tunes to your needs and to the changing events. Thanks to weather sensors, audio and heating control system, your awnings can now provide you new areas where you can spend your time in. A discreet design minimizes the presence of the control devices, up to total retractability, in order to optimize their appearance impact and efficiency.

- Automatic awnings, LED lights, weather sensors, audio control and heaters complete the system.
- Fully retractable: a control solution that is perfectly integrated within the sun shading structure.
- A few simple components facilitate the installation work and avoid the need for complex masonry work.

REMOTE CONTROLS

Radio controls
Control from Smartphones and Tablets
Sensors
Interfaces for home automation systems

CONTROL UNITS

Folding arm awnings
Screens and leaning fabric roofs
Heaters
Audio system

LED LIGHTS

Power supply
Control
Cables
Profiles
Lights
Spots
Strips



REMOTE CONTROLS

AWNINGS

RADIO CONTROLS



EVO

Hand transmitters with wall fixing support.

Suitable for the management of: folding arm awnings and screens.

Full range from page 71

CONTROL FROM SMARTPHONE AND TABLET



DAISY

Command system via App to control the Teleco devices from Smartphones and Tablets.

Full range from page 62



CLIMATIC SENSORS



NOSY

Wireless wind and sun sensor.

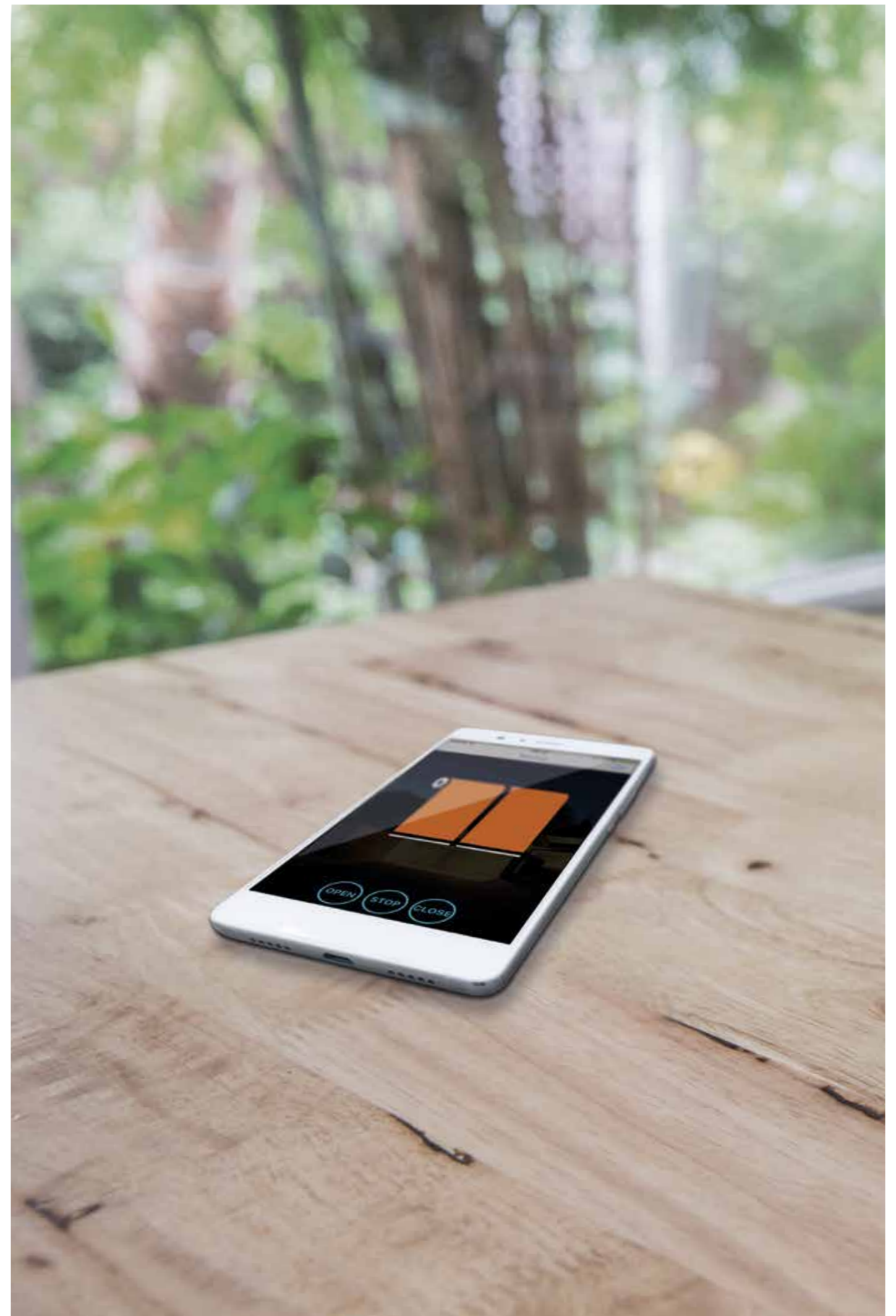
Full range from page 80

INTERFACES FOR HOME AUTOMATION SYSTEMS



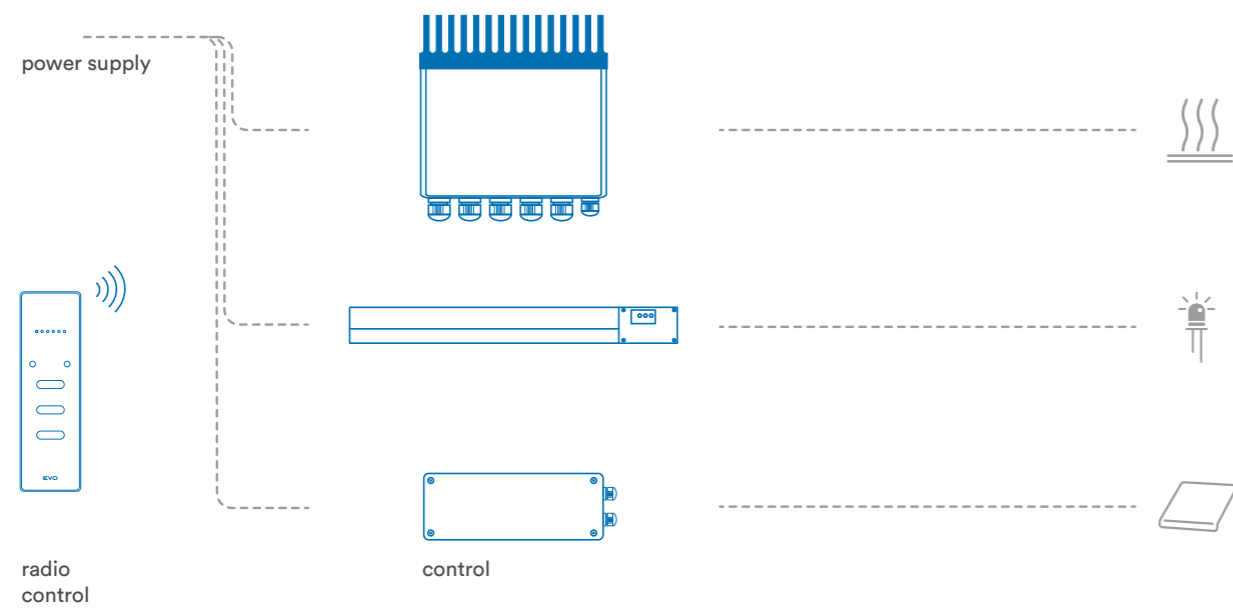
Line of devices to connect the Teleco solutions to other home automation systems.

Full range from page 84



CONTROL UNITS

AWNINGS



FOLDING ARM AWNINGS



PLT

230 Vac control unit with radio receiver to control 230 Vac motors for adjustable slats and awnings. With integrated LED power supply unit.

[More information on page 128](#)

SCREENS AND LEANING FABRIC ROOFS



PL4

For 4 230 Vac motors.

[Full range from page 132](#)

HEATERS



HET

1 output up to 6800W.

[Full range from page 120](#)

AUDIO SYSTEM



MELODY

With Melody you can play the music you like from Smartphone or tablet via Bluetooth.

[More information on page 136](#)

LED LIGHTS

AWNINGS

POWER SUPPLY UNIT AND CONTROL

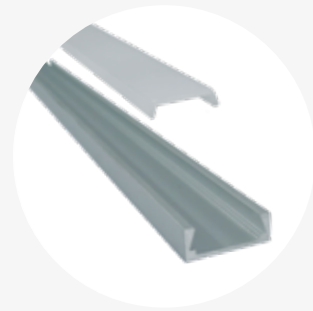


TUBELITE

Dimmer with built-in radio receiver and 230 V power supply for awnings for the 24 Vdc 1-colour LED command. To be installed in the roller tube.

[More information on page 135](#)

PROFILES AND DIFFUSERS



Anodized aluminium profiles, complete with diffusers to be combined of the LED strips are available upon request.

[More information on page 168](#)

LED STRIPS



Range of monochromatic and coloured LED strips - for indoor and outdoor - available in coils.

[Full range from page 166](#)

LED SPOTS



ATLAS

LED spotlight for aluminium and wooden structures. Thanks to the fixing mechanisms by means of magnetic supports it does not require a recessed hole.

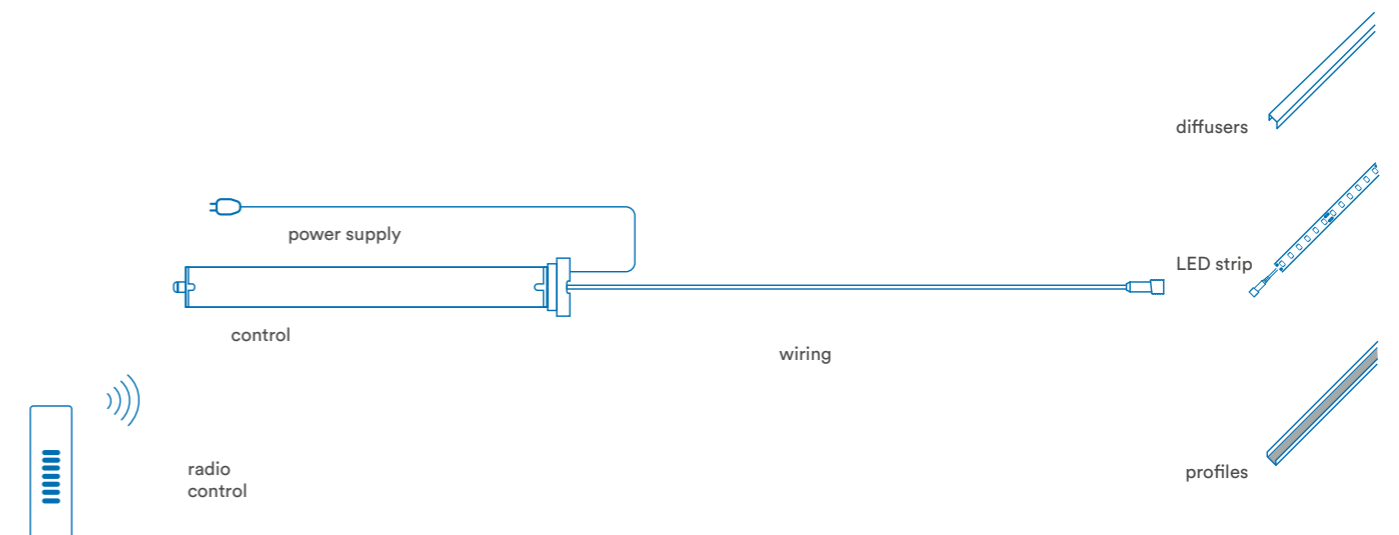
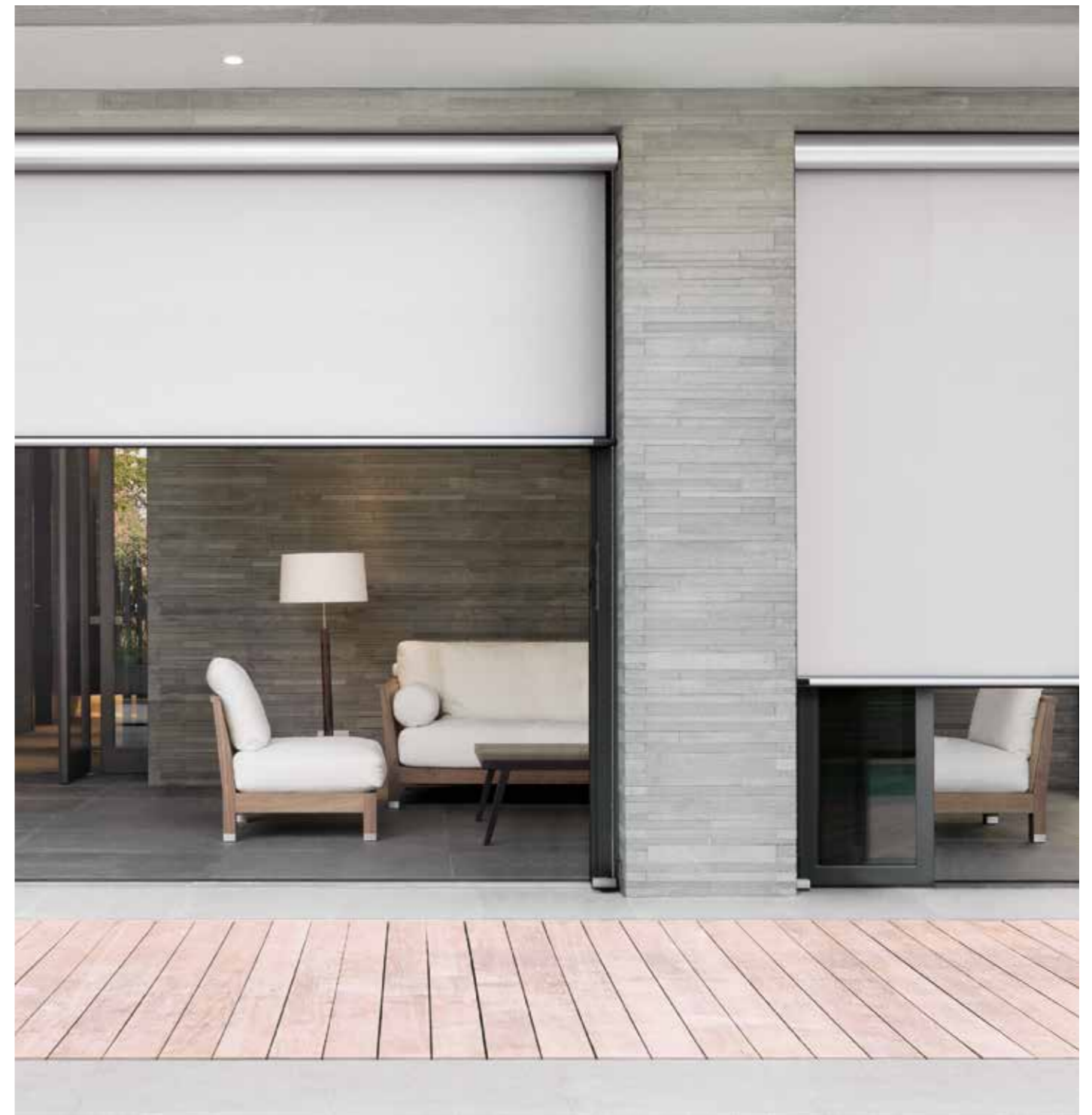
[Full range from page 160](#)

PLUG & PLAY WIRING AND CONNECTORS



The power supply cables are provided with handy connectors that allow making the connections directly on the field, without any waste of time.

[Full range from page 168](#)



DOORS, GATES AND ROLLER SHUTTERS SOLUTIONS

The comfort of opening or locking your house by one touch, and the security of controlling the access even from remote, is at hand. The wireless systems for blinds, doors and gates provide added value to your house and improve your life allowing you the control of any access, wherever you are.

- From the simple wireless control of a shutter, a roll-up door or a domestic gate to the access control of large residential complexes.
- Residential closing systems can be controlled, even all together, locally or remotely from a Smartphone.

REMOTE CONTROLS

Radio controls
Control from Smartphones and Tablets
GSM control
Interfaces for home automation systems

CONTROL UNITS

Roller shutters and Venetian blinds
Roller shutter doors
Access points
Industrial Security
Electric Locks

LED LIGHTS

Modulars
Projectors



REMOTE CONTROLS

DOORS, GATES AND ROLLER SHUTTERS

RADIO CONTROLS



MIO

Portable mini transmitter for the opening of doors and gates.

Full range from page 77

CONTROL FROM SMARTPHONE AND TABLET



DAISY

Command system via App to control the Teleco devices from Smartphones and Tablets.

Full range from page 62



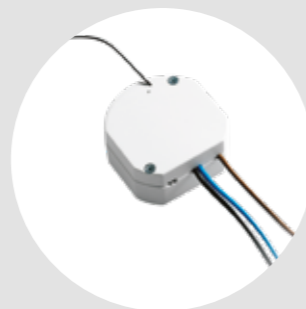
GSM CONTROL



Remote control of automation systems from any cell phone, through SMS or call.

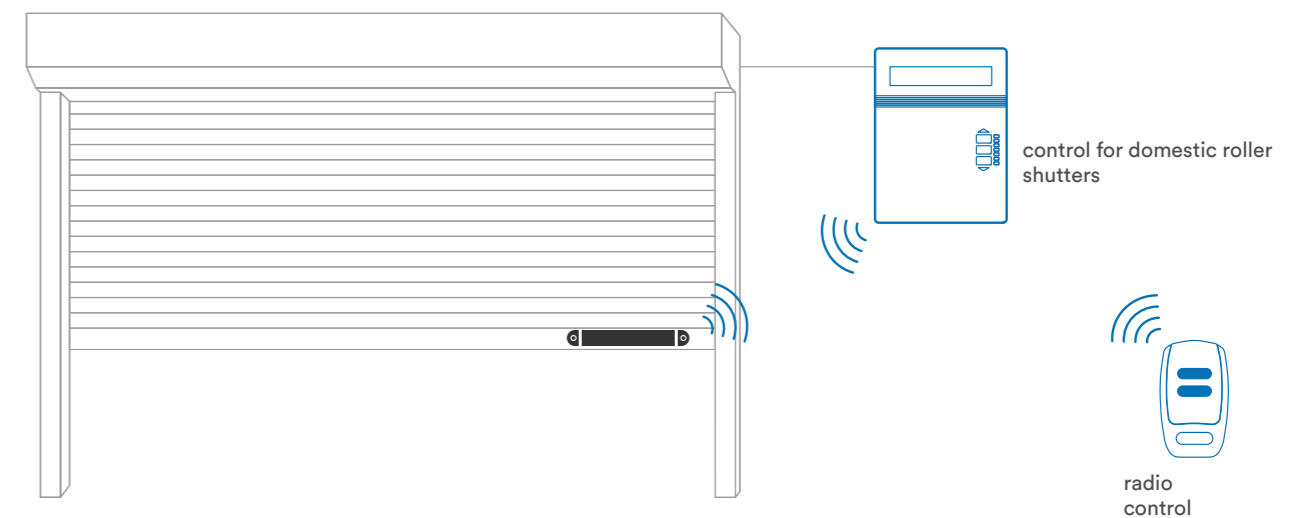
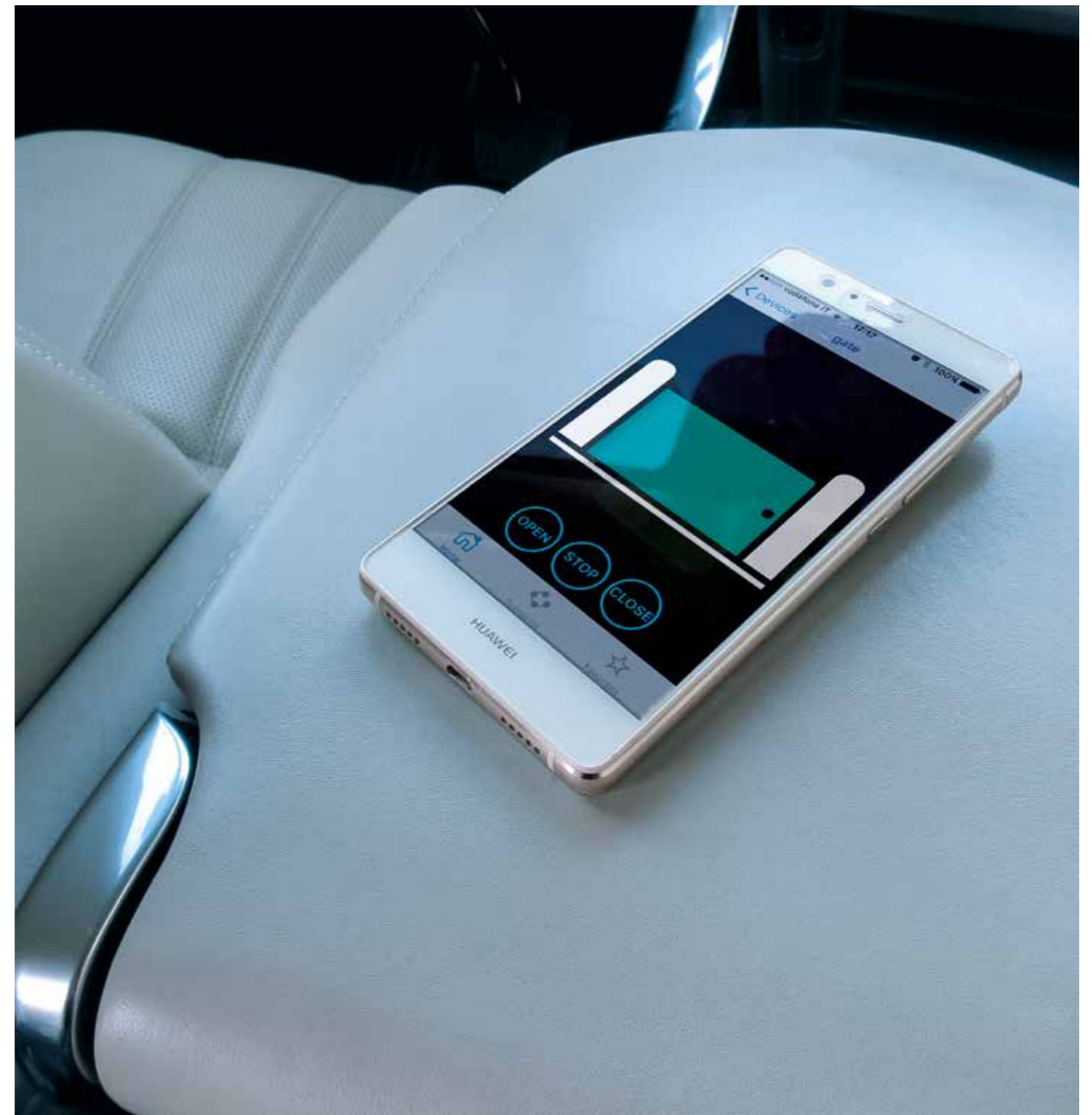
Full range from page 146

INTERFACES FOR HOME AUTOMATION SYSTEMS



Line of devices to connect the Teleco solutions to other home automation systems.

Full range from page 84



CONTROL UNITS

DOORS, GATES AND ROLLER SHUTTERS

ROLLER SHUTTER DOORS



RDS

230 Vac control unit to control tubular motors up to 700 W.

[More information on page 141](#)

ROLLER SHUTTERS AND VENETIAN BLINDS



PRS

With Hirschman connectors.

[Full range from page 154](#)

ACCESS CONTROL



Receivers for the management of collective access points.

[Full range from page 146](#)

INDUSTRIAL SAFETY SYSTEM

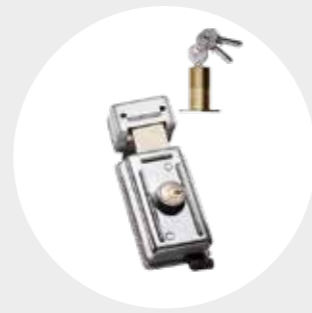


RADIO SAFE

Wireless system for automated industrial doors.

[Full range from page 145](#)

ELECTRIC LOCKS



Power locks for any security and installation requirements.

[Full range from page 153](#)

LED LIGHTS

DOORS, GATES AND ROLLER SHUTTERS

MODULARS



MOON

Downlight that can be installed on any surface thanks to the magnetic fixing supports.

[More information on page 164](#)

PROJECTORS



ALFA

Outdoor space lighting projector, which can be installed to the ceiling or to the wall.

[More information on page 164](#)



SUNSHADE SOLUTION

An outdoor space can be turned into a welcoming suggestive place through dimmable lights that can be switched on remotely, thanks to the LED lighting system that applies to the garden umbrella without any hindrance, thus transforming its function and multiplying the spaces.

- Practical dimmable LED lighting system for garden umbrellas.
- Practical dimmable LED lighting system for garden umbrellas.
- Convenient to install, with its waterproof case, it can be applied to the umbrella stem and can be removed at any time.

BATTERY-OPERATED LED CONTROL

Battery Kit
Radio controls
1 Colour Strip
Wiring
Charger

REMOTE CONTROLS

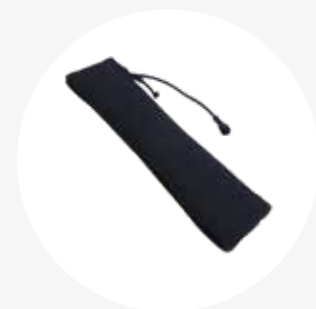
Control from Smartphones and Tablets



BATTERY-OPERATED LED CONTROL

SUNSHADE

OMBREON KIT



BATTERY WITH CASE

Waterproof case containing a battery and a radio receiver with LED dimmer function.

[More information on page 138](#)



RADIO CONTROL

Hand transmitter.



LIGHTING LED

4 aluminium LED bars with neutral white light.



WIRING

Connecting cable.



CHARGER

With charge indicator.

REMOTE CONTROLS

SUNSHADE

CONTROL FROM SMARTPHONE AND TABLET



DAISY

Command system via App to control the teleco devices from Smartphones and Tablets

[Full range from page 62](#)









PRODUCT DATA SHEETS

A WIDE RANGE OF SOLUTIONS FOR EVERY AUTOMATION SCENARIO

From lighting to the management of the loads, from the control of curtains and blinds to the entry access, all the Teleco systems are devised to help you live your home in the greatest comfort, even when you are not there. Build up your own ideal scenario, put technology at your service to add value and efficiency to your home.

All the catalogue products use a frequency of 868 MHz. For some products the 433 MHz and 916 MHz frequencies are available upon request.

KEY

	Product with Blue Series bidirectional communication: it enables return information on a user's Smartphone when combined with the Daisy or T-Mate system
	Product for resistive or infrared heaters with dimmer function and four pre-set levels
	Product for adjustable slats with 4 pre-set tilt angles settable with 7-channel transmitter
	Rain sensor
	Wind sensor
	Temperature sensor

60-171

Data sheets

Remote controls

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Cod: TVDAY868A01

DAISY WI-FI

Wi-Fi interface, App-programmable, to remotely radio control all Teleco devices from Smartphones.

- Daisy lets you interact with all automated systems from anywhere in your home, even from a distance, with Smartphone or Tablet
- It's so simple to create scenes and program the weekly timer
- Multiple users can control devices
- Ability to monitor the status of the Blue Series devices
- 230 V power supply unit included

Technical specifications:

Power supply 230 V
Protection rating IP54
Dimensions 115x65x40 mm



Cod: TMATE868AL

T-MATE BLUETOOTH

Bluetooth interface, App-programmable, to remotely radio control all Teleco devices.

- T-Mate lets you interact with all automated systems from anywhere in your home with Smartphone or Tablet, via Bluetooth
- It's so simple to create scenes and program the weekly timer
- 230 V power supply unit included

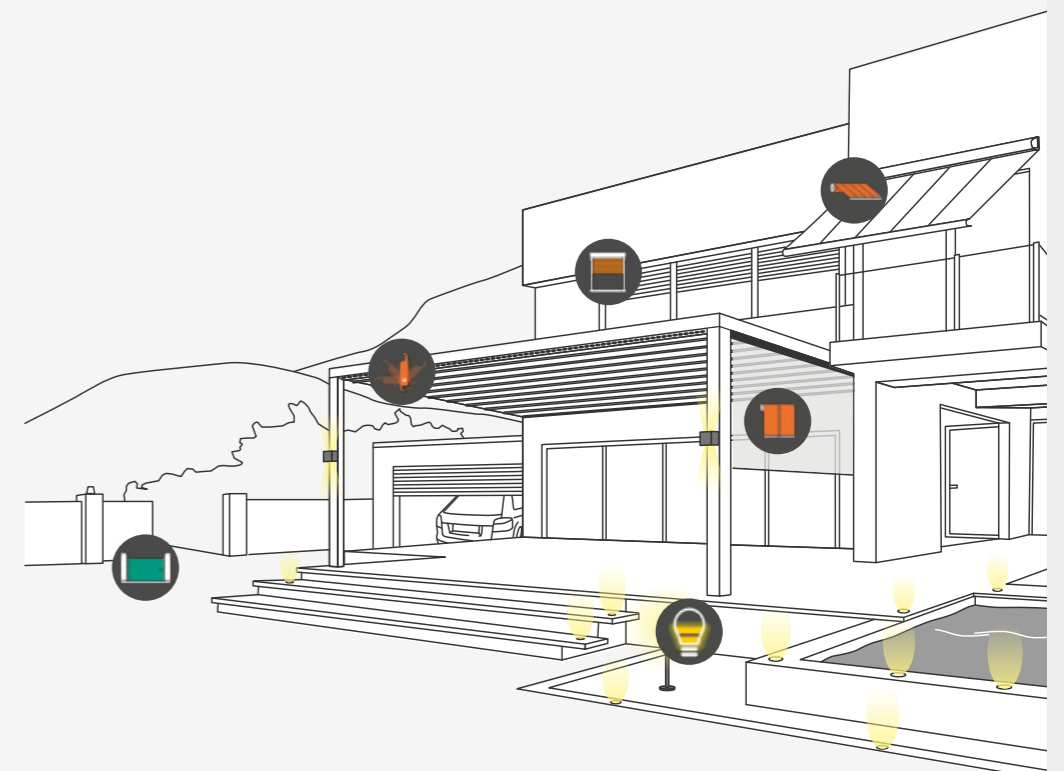
Technical specifications:

Power supply 230 V
Protection rating IP54
Dimensions 115x65x40 mm

CONTROL SYSTEM FROM SMARTPHONES OR TABLETS

Innovative and easy to use: tapping a Smartphone or Tablet it is possible to activate and program the operation of all the installed automations, individually or in groups, to adjust the intensity/powering on/powering off in automatic or manual mode of the lighting, to create multiple scenarios and to call them up at any time.

Download the free app





RADIO CONTROLS








Versatile and elegant: the Teleco style integrates perfectly within any environment.

A wide range of wireless control systems to functionally complete custom projects: portable, table-top, wall-mounted, recessed, keyboard control, with sensors.






RADIO CONTROLS SELECTION GUIDE

INTENSE - WALL TRANSMITTER

1 COMMAND	1 pushbutton		TVTXI868BB01G – Page 68
			TVTXI868BB01 – Page 68
2 COMMANDS	2 pushbuttons		TVTXI868BB02G – Page 68
			TVTXI868BB02 – Page 69
4 COMMANDS	4 pushbuttons		TVTXI868BB04 – Page 69
COMMAND WITH DIMMER FUNCTION FOR 1 LIGHT	3 pushbuttons		TVTXI868BB03L – Page 69
COMMAND WITH DIMMER FUNCTION FOR 2 LIGHTS	6 pushbuttons		TVTXI868BB06L – Page 70
COMMAND FOR 1 MOTOR	3 pushbuttons		TVTXI868BB03 – Page 70
COMMAND FOR 2 MOTORS	6 pushbuttons		TVTXI868BB06 – Page 70
7 COMMANDS FOR SCENES	7 pushbuttons		TVTXI868BB07 – Page 71

EVO - HAND AND WALL TRANSMITTER

4 COMMANDS	1 group		TVEVO868N04B – Page 71
	6 groups		TVEVO868N24B – Page 71
7 COMMANDS	1 group		TVEVO868N07B – Page 72



7 COMMANDS	6 groups		TVEVO868N42B – Page 72
3 COMMANDS FOR DIMMER AND LIGHTS	1 group		TVEVO868N03B – Page 72
7 COMMANDS FOR DIMMER AND LIGHTS	1 group		TVEVO868N07BD – Page 73
			TVEVO868N07BC – Page 73
3 COMMANDS FOR DIMMER AND LIGHTS	6 groups		TVEVO868N18B – Page 73
7 COMMANDS FOR DIMMER AND LIGHTS	6 groups		TVEVO868N42BD – Page 74
	3 groups		TVEVO868W21B – Page 74
7 COMMANDS FOR ADJUSTABLE SLATS, DIMMER AND LIGHTS	3 groups		TVEVO868T21B – Page 74
	6 groups		TVEVO868N42BP – Page 75
7 COMMANDS FOR AUDIO	1 group		TVEVO868N07BR – Page 75
	6 groups		TVEVO868N42RB – Page 75

POD - HAND AND WALL TRANSMITTER

7 COMMANDS	1 group		TVTXQ868A07 – Page 76
	6 groups		TVTXQ868A42 – Page 76
3 COMMANDS FOR MOTORS	1 group		TVTXQ868A03
			TVTXQ868S03 (Light sensor control) – Page 76
	6 groups		TVTXQ868A18 – Page 76

MIO - HAND TRANSMITTER

2 COMANDI		TVMIO868A02 – Page 77
4 COMANDI		TVMIO868A04 – Page 77

TXP - HAND TRANSMITTER

1 COMMAND		TVTXP868N01 – Page 76
2 COMMANDS		TVTXP868N02 – Page 76
4 COMMANDS		TVTXP868N04 – Page 76

MOUSE - WALL OR TABLE TRANSMITTER

2 COMMANDS		TVTXM868A02 – Page 78
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TXK

WITH KEYPAD AND ACCESS CODE		TVTXK868A04 – Page 78
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CLOCK

TIMER WALL WIRELESS TRANSMITTER		TVTxC868C04 – Page 78
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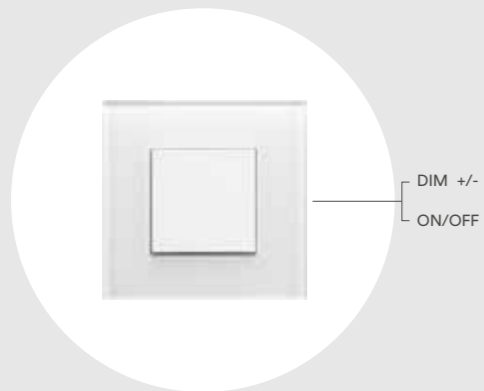
TXL - RECESSED TRANSMITTER

FOR SWITCHES	2 commands		TVTXL868A02 – Page 79
	3 commands		TVTXL868A03 – Page 79
	4 commands		TVTXL868A04 – Page 79
FOR WALL MOVEMENT SENSORS	2 commands		TVTXL868R02 – Page 79
WITH BATTERY POWER SUPPLY FOR SWITCHES	2 commands		TVTXL868B02 – Page 79



INTENSE - WALL TRANSMITTER

1 COMMAND



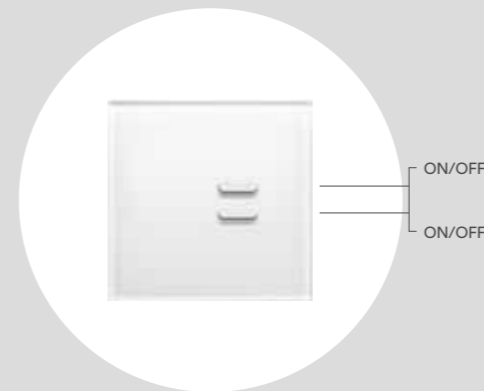
Cod: TVTXI868BB01G
white polycarbonate
Cod: TVTXI868NN01G
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:

- POLY GLASS (transparent polycarbonate)
 - SPLIPQBT
 - SPLIPQNT
- IRON (steel)
 - SPLIMQS
- GLASS (glass: available on request)
 - SPLIVQB
 - SPLIVQN

2 COMMANDS FOR 1 OR 2 LOADS



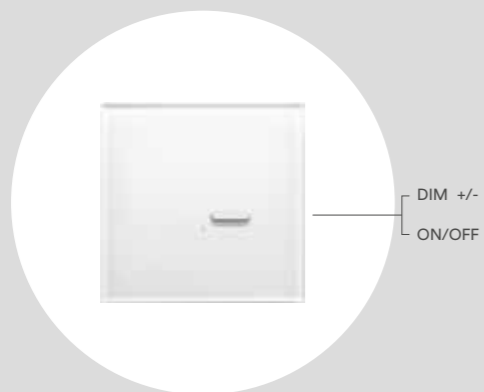
Cod: TVTXI868BB02
white polycarbonate
Cod: TVTXI868NN02
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:

- POLY GLASS (transparent polycarbonate)
 - SPLIPQ2B1T
 - SPLIPQ2N1T
- IRON (steel)
 - SPLIMQ2S1
- GLASS (glass: available on request)
 - SPLIVQ2B1
 - SPLIVQ2N1

1 COMMAND



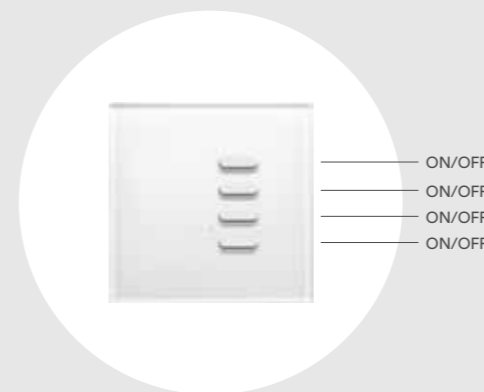
Cod: TVTXI868BB01
white polycarbonate
Cod: TVTXI868NN01
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:

- POLY GLASS (transparent polycarbonate)
 - SPLIPQ1B1T
 - SPLIPQ1N1T
- IRON (steel)
 - SPLIMQ1S1
- GLASS (glass: available on request)
 - SPLIVQ1B1
 - SPLIVQ1N1

4 COMMANDS FOR 2 OR 4 LOADS



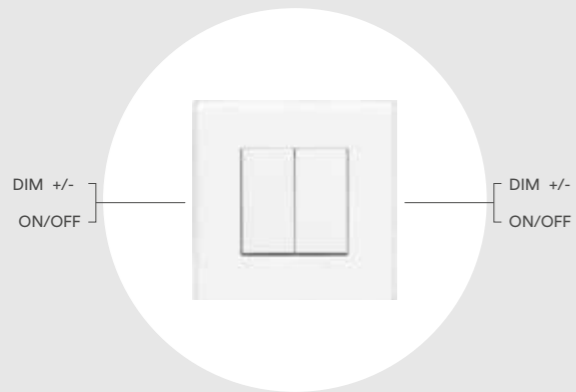
Cod: TVTXI868BB04
white polycarbonate
Cod: TVTXI868NN04
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:

- POLY GLASS (transparent polycarbonate)
 - SPLIPQ4B1T
 - SPLIPQ4N1T
- IRON (steel)
 - SPLIMQ4S1
- GLASS (glass: available on request)
 - SPLIVQ4B1
 - SPLIVQ4N1

2 COMMANDS FOR 1 OR 2 LOADS



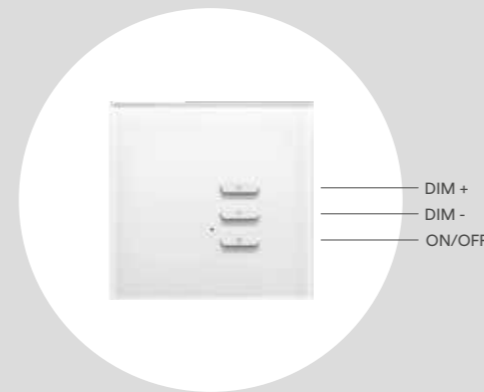
Cod: TVTXI868BB02G
white polycarbonate
Cod: TVTXI868NN02G
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:

- POLY GLASS (transparent polycarbonate)
 - SPLIPQBT
 - SPLIPQNT
- IRON (steel)
 - SPLIMQS
- GLASS (glass: available on request)
 - SPLIVQB
 - SPLIVQN

3 COMMANDS FOR 1 LIGHT



Cod: TVTXI868BB03L
white polycarbonate
Cod: TVTXI868NN03L
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:

- POLY GLASS (transparent polycarbonate)
 - SPLIPQ3B1T
 - SPLIPQ3N1T
- IRON (steel)
 - SPLIMQ3S1
- GLASS (glass: available on request)
 - SPLIVQ3B1
 - SPLIVQ3N1



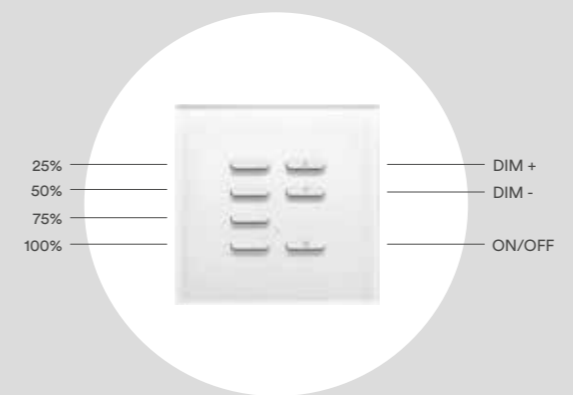
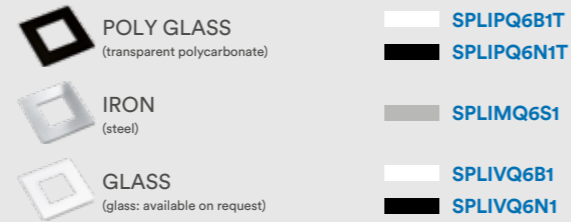
3 COMMANDS FOR 2 LIGHTS

DIM +
DIM -
ON/OFF

Cod: TVTXI868BB06L
white polycarbonate
Cod: TVTXI868NN06L
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:



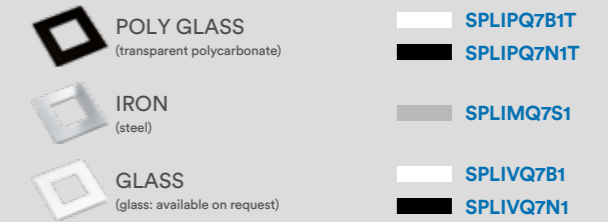
4 PRE-SET LEVELS FOR CONTROL OF LIGHTS AND SCENARIOS

25%
50%
75%
100%
DIM +
DIM -
ON/OFF

Cod: TVTXI868BB07
white polycarbonate
Cod: TVTXI868NN07
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:



EVO - HAND AND WALL TRANSMITTER



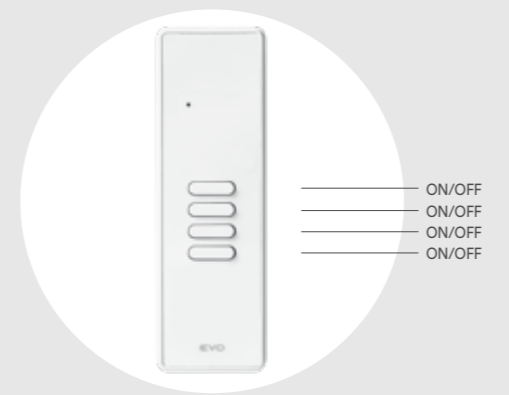
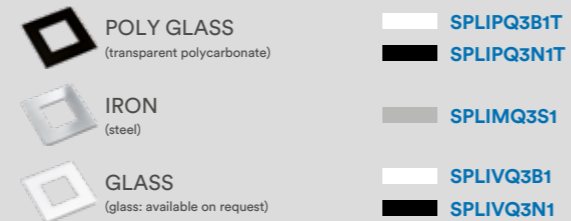
3 COMMANDS PER 1 MOTOR

OPEN
CLOSE
STOP

Cod: TVTXI868BB03
white polycarbonate
Cod: TVTXI868NN03
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:



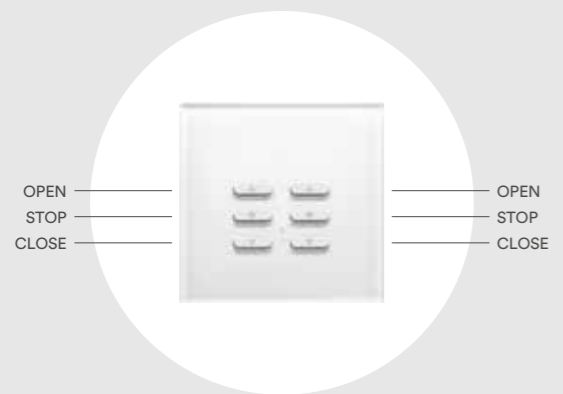
4 COMMANDS FOR 2 OR 4 LOADS

ON/OFF
ON/OFF
ON/OFF
ON/OFF

Cod: TVEVO868N04B
white
Cod: TVEVO868N04
black

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125×40×10 mm

Wall fixing support included



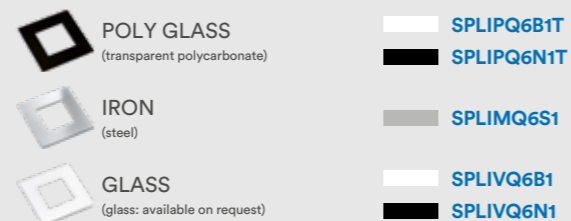
3 COMMANDS FOR 2 MOTORS

OPEN
STOP
CLOSE

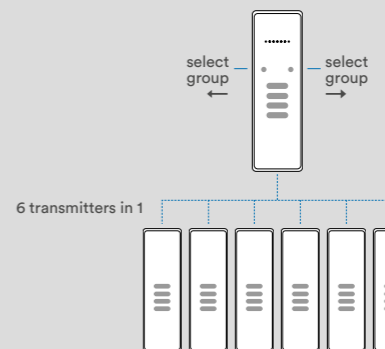
Cod: TVTXI868BB06
white polycarbonate
Cod: TVTXI868NN06
black polycarbonate

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 86×86×9.5 mm

Interchangeable frames available on request:



24 COMMANDS: 4 COMMANDS FOR 6 GROUPS



Cod: TVEVO868N24B
white
Cod: TVEVO868N24
black

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125×40×10 mm

Wall fixing support included





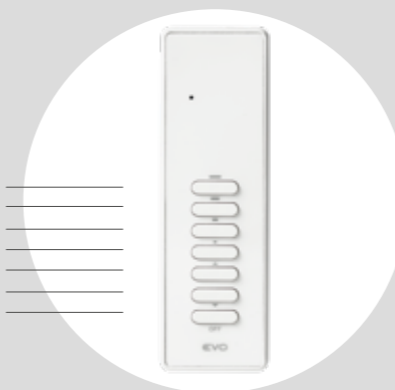
7 COMMANDS FOR LIGHTS, MOTORS OR SCENES

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



Cod: TVEVO868N07B
white
Cod: TVEVO868N07
black



7 COMMANDS DIMMER

Ideal for controlling 1 colour LED, 230 Vac light, heating and ventilation..

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

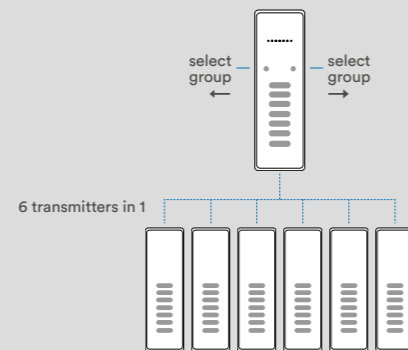
Wall fixing support included



Cod: TVEVO868N07BD
white
Cod: TVEVO868N07D
black



42 COMMANDS: 7 COMMANDS FOR 6 GROUPS

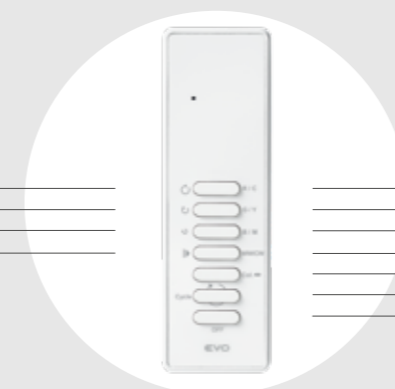


Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



Cod: TVEVO868N42B
white
Cod: TVEVO868N42
black



7 COMMANDS FOR LED RGB AND 1-COLOUR

Ideal for managing RGB LED scenarios.

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



Cod: TVEVO868N07BC
white
Cod: TVEVO868N07C
black



3 COMMANDS PER 1 MOTOR

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

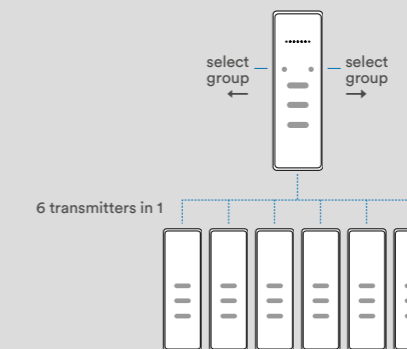
Wall fixing support included



Cod: TVEVO868N03B
white
Cod: TVEVO868N03
black



18 COMMANDS: 3 COMMANDS FOR 6 GROUPS



Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included

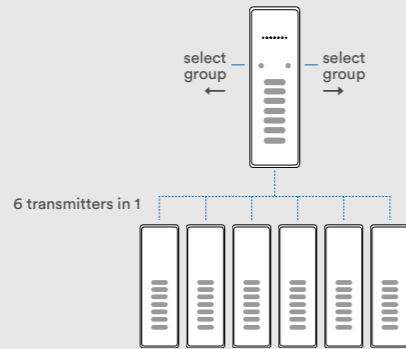


Cod: TVEVO868N18B
white
Cod: TVEVO868N18
black



Cod: TVEVO868N42BD
white
Cod: TVEVO868N42D
black

42 COMMANDS: 7 COMMANDS FOR 6 GROUPS



Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included

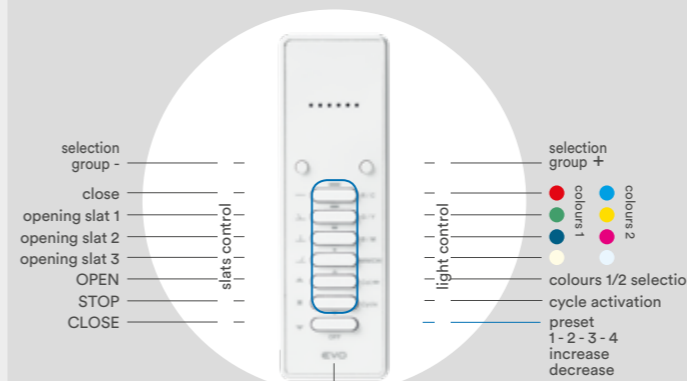


42 COMMANDS IT IS IDEAL FOR PERGOLAS

Ideal for managing multi-groups:
6 transmitters in 1 to control the orientation of the slats of a pergola, to adjust lights, heating and RGB colour scenarios.

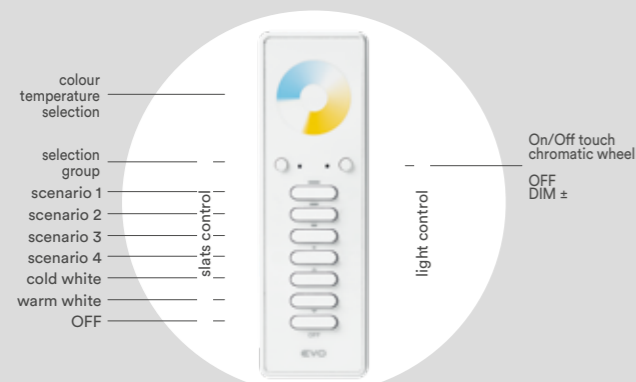
Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



Cod: TVEVO868N42BP
white
Cod: TVEVO868N42P
black

21 COMMANDS - TOUCH CHROMATIC WHEEL FOR LED WARM AND COLD WHITE (TUNABLE WHITE)



Cod: TVEVO868W21B
white

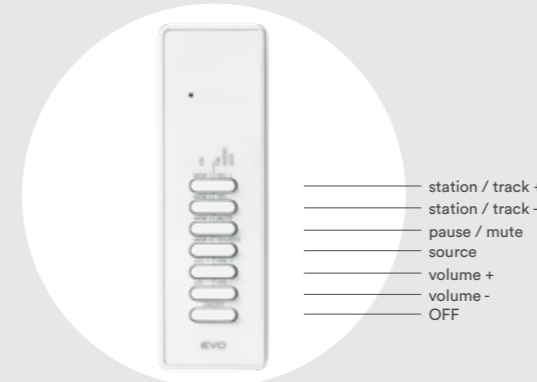
Ideal for managing dynamic white LED. It allows varying of the colour temperature, mixing warm white and cool white through touch chromatic wheel.

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



7 COMMANDS - AUDIO



Cod: TVEVO868N07BR
white
Cod: TVEVO868N07R
black

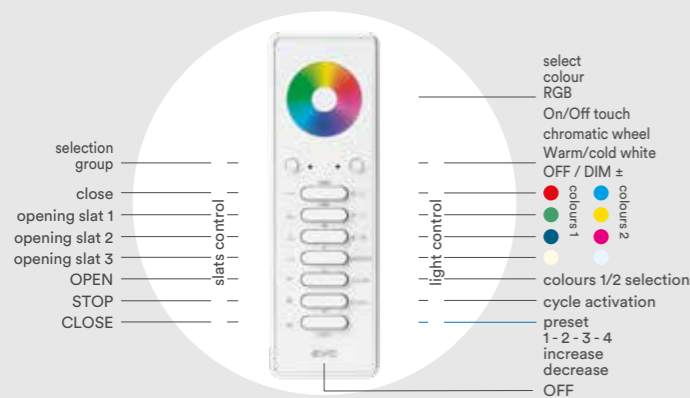
Ideal for controlling audio sources (Bluetooth, FM and USB).

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



21 COMMANDS - TOUCH CHROMATIC WHEEL FOR RGB LED, IDEAL FOR PERGOLAS



Cod: TVEVO868T21B
white

Ideal for managing multi-groups: orientation of the slats of a pergola, to adjust lights, heating and RGB colour scenarios through touch chromatic wheel.

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included



42 COMMANDS - AUDIO 7 COMMANDS FOR 6 GROUPS



Cod: TVEVO868N42RB
white
Cod: TVEVO868N42R
black

Ideal for controlling audio sources (Bluetooth, FM and USB).

Technical specifications:
Power supply 3V ± 10%
Lithium battery CR2430
Protection rating IP20
Dimensions 125x40x10 mm

Wall fixing support included





TXP - WALL OR HAND TRANSMITTER

1, 2 AND 4 COMMANDS

Ideal for automation control.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	60x30x10 mm

Fixing support included



Cod: TVTXP868N01

1-channel

Cod: TVTXP868N02

2-channel

Cod: TVTXP868N04

4-channel

POD - HAND AND WALL TRANSMITTER

3 AND 18 COMMANDS OPEN/STOP/CLOSE

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2430
Protection rating	IP20
Dimensions	122x42x16 mm

Wall fixing support included



Cod: TVTXQ868A03

3-channel - white

Cod: TVTXQ868S03

3-channel - Light sensor control

Cod: TVTXQ868A18

18-channel - white

7 AND 42 COMMANDS

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2430
Protection rating	IP20
Dimensions	122x42x16 mm

Wall fixing support included



Cod: TVTXQ868A07

7-channel - white

Cod: TVTXQ868A42

42-channel - white

MIO - HAND TRANSMITTER

2 COMMANDS

Ideal for automation control.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	60x30x10 mm



Cod: TVMIO868P02

black

Cod: TVMIO868A02

black and satin-finished aluminium

4 COMMANDS

Ideal for automation control.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	60x30x10 mm



Cod: TVMIO868P04

black

Cod: TVMIO868A04

black and satin-finished aluminium



MOUSE - WALL OR TABLE TRANSMITTER



Cod: TVTXM868A02
white
Cod: TVTXM868N02
black

2 COMMANDS

Wireless wall and table transmitter for the control of 2 loads or of 1 load with separate buttons.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2430
Protection rating	IP20
Dimensions	80×80×23 mm

TXK - KEYPAD TRANSMITTER WITH ACCESS CODE



Cod: TVTXK868A04
black
Cod: TVTXK868B04
white

4 COMMANDS

Keypad with a five-digit access code.

4 commands, 3 of them are encoded and 1 is free.

Technical specifications:

Power supply	230V
Protection rating	IP54
Dimensions	115×75×32 mm

CLOCK - TIMER WALL TRANSMITTER



Cod: TVTXC868C04

WITH TIMER FUNCTION

Wall transmitter with display and timer function to control up to 4 receivers.

- Weekly programming up to 6 commands/day
- Automated systems and lights are automatically adjusted to the time of dawn and dusk thanks to the astro function with geolocation
- Presence simulation

Technical specifications:

Power supply	2x1.5V
Lithium battery	AAA
Protection rating	IP20
Dimensions	87×87×14 mm

TXL - RECESSED TRANSMITTER



Cod: TVTXL868A02
2-channel
Cod: TVTXL868A03
3-channel
Cod: TVTXL868A04
4-channel

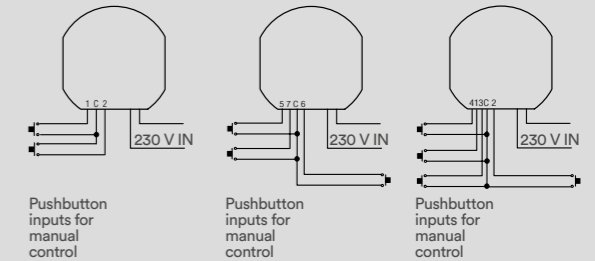
2 COMMANDS FOR SWITCHES

230 Vac 2-channel transmitter with 12V isolated inputs for switches or domotic systems. It is ideal for 55mm diameter electrical boxes.

Technical specifications:

Power supply	230V
Protection rating	IP20
Dimensions	54×49×25 mm

Wiring diagram



Cod: TVTXL868R02

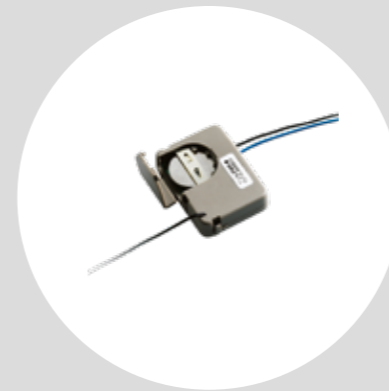
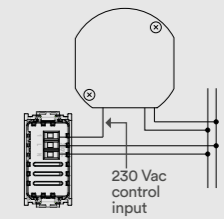
2 COMMANDS FOR MOVEMENT SENSORS

Wireless 230 Vac 2-channel transmitter to connect to movement sensors. It is ideal for 55mm diameter electrical boxes. It is ideal for 55mm diameter electrical boxes.

Technical specifications:

Power supply	230V
Protection rating	IP20
Dimensions	54×49×25 mm

Wiring diagram



Cod: TVTXL868B02

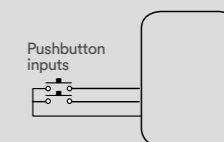
2 COMMANDS BATTERY POWER SUPPLY FOR SWITCHES

Wireless 2-channel transmitter for switches or domotic systems. Battery power supply. Truly compact for any applications.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	45×33×11 mm

Wiring diagram





RAIN SENSOR WIRELESS

Rain sensor with heating function to avoid any false activation in case of ice or snow.

- LED indications for sensor status feedback sensor
- Programming magnet to configure the desired sensitivity and heating function without opening the device
- Fixing support supplied
- Cable length of 12 Vdc version (25 - 120mA): 290 cm

Technical specifications:
 Power supply 24 Vdc
 Protection rating IP65
 Dimensions 130x50x37 mm

Also available in the wired version

Cod: RAIN103
 Cod: RAIN102B
 wired version - 12 Vdc



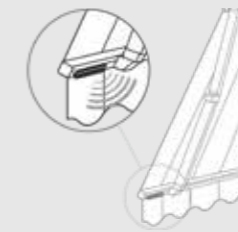
WIND SENSOR WIRELESS - VIBRATION

Sensor to be placed on the moving part of the blind, which detects vibrations of the structure caused by wind.

- It has 4 sensitivity trigger thresholds
- If the movement of the blind exceeds the set values, it sends a 'CLOSE' command to the control unit
- It come with a base for snap-on mounting

Technical specifications:
 Power supply 2 x 1,5 V AA
 Protection rating IP54
 Dimensions 130x40x37 mm

Cod: TVSVB868A01



WIND AND SUN SENSOR WIRELESS

NOSY

The sensor measures the wind speed (Km/h) and the light intensity level (Klux), comparing them to the set thresholds.

- Compatible with TVALL range for awnings and adjustable slats
- Charging the battery with integrated solar panel
- In case of values over the thresholds, the sensor sends commands to the control unit/motor associated.
- Sending of the alarm signal via radio

Technical specifications:
 Power supply 1 x 3,7 V
 Protection rating IP44
 Dimensions 80x120x285 mm

Cod: TVSW868A03

SENSORS

Automatic control of solar shading to enhance well-being at home, in the office or at the restaurant; at the same time ideal to optimise the energy performance of a building.

The weather sensors manage completely independently the movement of the sun shades in relation to the climatic and environmental conditions detected.

WIND SENSOR



Anemometer: 4 pulses per rotation.

- Cable: 190 cm

Technical specifications:

Protection rating IP44
Dimensions 11x165x121 mm

Cod: ANEM4

SUN SENSOR



Light sensor with photodiode.

- Brightness range from 1 klux to 100 klux
- Cable length: 190cm
- Fixing support supplied

Technical specifications:

Protection rating IP44
Dimensions 80xØ35 mm

Cod: LUX-01

TEMPERATURE SENSOR



Temperature probe to be combined with the PLA control units to detect the possible formation of ice.

- Cable: 150 cm

Technical specifications:

Protection rating IP67
Nominal resistance at 25°C 10000 ohm (± 1)
Dimensions 1500xØ5 mm

Cod: TMP150

WIRELESS CONNECTION BETWEEN CONTROL UNIT AND WIRED SENSORS



ANLUX

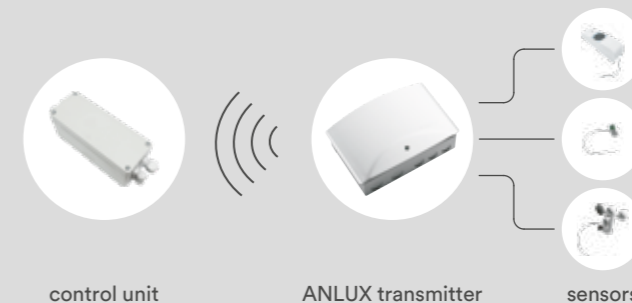
Wireless 230V transmitter to which sun, wind and rain sensors can be connected.

- The sensor trigger thresholds can be set to obtain the best comfort level for the home.
- The signal that the threshold has been exceeded is sent via radio to the motor, which will open or close the blind according to the pulse sent.

Technical specifications:

Power supply 230 Vac
Protection rating IP54
Dimensions 137x96x46 mm

Cod: TVANLUX868SWR-B



control unit

ANLUX transmitter

sensors

TRANSMITTERS WITH LIGHT SENSOR

WALL TRANSMITTER WITH DUSK/DAWN FUNCTION



EOS

Used for automatic control via radio of lights, roller shutters, blinds and screens. The device transmits commands according to the measured light level and the kind of associated receiver.

- Programmable operating times, from 2 to 8 hours, of the associated receiver.
- Activation threshold can be configured from 10 to 150 lux.
- ON/OFF for any load and light
- OPEN/CLOSE for rolling shutters, awnings and screens
- Automatic switching ON/OFF of RGB colours cycle

Technical specifications:

Power supply 2x1.5V
Lithium battery AA
Protection rating IP54
Dimensions 34x125x45 mm

Cod: TVSLC868A01

TABLE TRANSMITTER



GREEN MOUSE

It automatically adjusts the light intensity according to the variation of the natural light, keeping the preset level constant.

- Single or group commands are possible.
- Adjustable room brightness control frequency with 5 sec, 30 sec, 1 min, 5 min and 20 min settings.

Technical specifications:

Power supply 2x1.5V
Lithium battery AAA
Protection rating IP20
Dimensions 80x80x23 mm

Cod: TVTLL868N30







INTERFACES FOR HOME AUTOMATION SYSTEMS

Teleco solutions can integrate and interconnect with other home automation systems on the market.





INTERFACE SELECTION GUIDE

COMPATIBILITY WITH HOME AUTOMATION SYSTEMS

TYPE	INSTALLATION	INPUTS	PRODUCT
TRANSMITTERS	recessed	2/3/4	 <p>TVTXL868A02 (2-channel version) TVTXL868A03 (3-channel version) TVTXL868A04 (4-channel version) – Page 86</p>
		RS232	 <p>TVTRX232 – Page 86</p>

INTEGRATION OF A TELECO DEVICE IN EXISTING SYSTEMS

TYPE	INSTALLATION	NUMBER OF OUTPUTS	PRODUCT
RECEIVER	box IP 54	4	 <p>TVRCV868A01 (230 Vac version) – Page 86</p>
		2	 <p>TVRCM868A02 (Up to 42 transmitters) – Page 87</p>



2,3 OR 4 INPUTS FOR SWITCHES

TXL

230 Vac 2-channel transmitter with 12V isolated inputs for switches or domotic systems. It is ideal for 55mm diameter electrical boxes.

Technical specifications:

Power supply	230 Vac
Protection rating	IP20
Dimensions	54x49x25 mm

- Cod: TVTXL868A02
2-channel transmitter
- Cod: TVTXL868A03
3-channel transmitter
- Cod: TVTXL868A04
4-channel transmitter



2 IMPULSIVE OUTPUTS

RCM

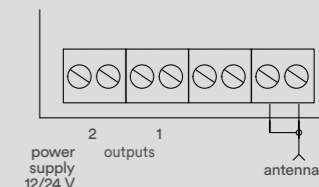
12/24 Vac/dc radio receiver with 2 potential free outputs for controlling automated devices in compact container.

- Can manage up to 42 transmitters
- Executes pulse function

Technical specifications:

Power supply	12/24 Vac/dc
Number of outputs	2
Max. power at the relay	1 A
Protection rating	IP54
Dimensions	60x90x26 mm

Wiring diagram



Cod: TVRCM868A02

RS232 INPUT



RS232

It is a transceiver that transforms RS232 serial port commands in single or centralized wireless commands towards:

- light receivers
- LED
- awnings and rolling shutters
- rolling doors
- gates
- alarm systems

Transmission and reception of radio signal on RS232 serial commands

Technical specifications:

Power supply	5 Vdc
Baud rate	19200
Protection rating	IP20
Dimensions	54x49x25 mm

Cod: TVTRX232

4 OUTPUTS WITH SELECTABLE MODES



RCV

12/24 Vac/dc radio receiver with 4 wireless outputs for controlling automated devices, set up for insertion of 4 channel modules

- pulse/ON-OFF (MC0001) or timed channel modules (MCTIM)
- 1 pulse/ON-OFF channel module provided

Optional



Pulse channel module
Cod: MC001

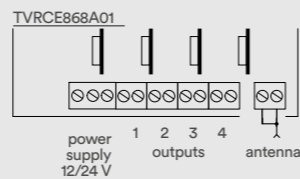


Timed channel module
Cod: MCTIM

Technical specifications:

Power supply	12/24 Vac/dc
Number of outputs	4
Max. power at the relay	1 A
Protection rating	IP54
Dimensions	137x96x46 mm

Wiring diagram



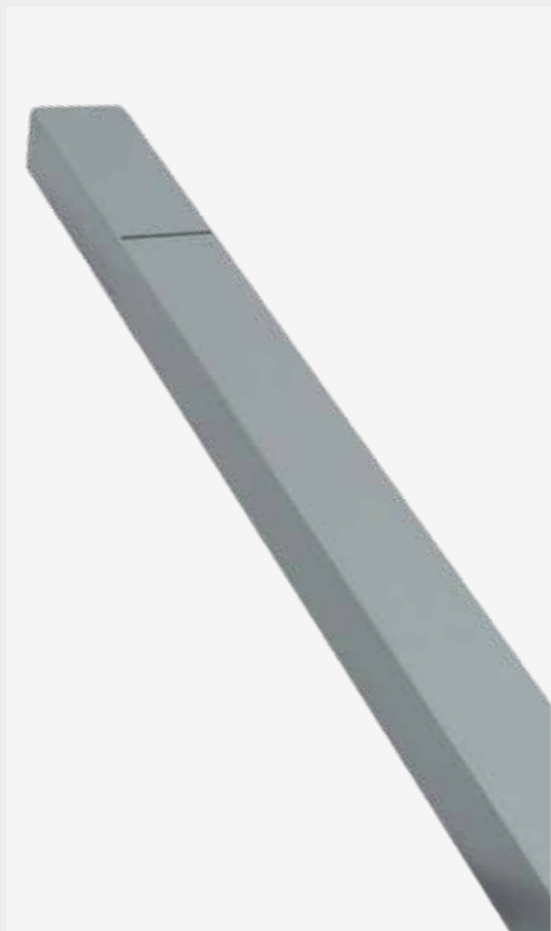
Cod: TVRCV868A01
230 Vac version





DIMMER FOR 12/24 V CONSTANT VOLTAGE AND CONSTANT CURRENT LED LIGHTS

Manage LED lights, individually or in groups, from a single radio control; create multiple scenarios; create RGB and RGBW colour effects, static or dynamic; change the temperature of the white light.



RECEIVER SELECTION GUIDE







FOR 12/24 Vdc CONSTANT VOLTAGE LED

TYPE OF LED	INSTALLATION	TYPE OF INPUT	NUMBER OF OUTPUTS	PRODUCT
1-COLOUR RGB	aluminium profile IP 54	radio	2	 TVALL868L02 – Page 92
1-COLOUR	false ceiling IP 20	radio pushbuttons	3	 TRSTRD868ST24G (Blue Series version) TVSTRD868SI24G TVLSTRD868SI24G (Bus version) – Page 92 - 93
	DIN rail IP 20	radio 1-10V	4	 TVSTRD868DI24G – Page 93
	aluminium profile or outdoor IP 54	radio pushbuttons	1	 TVSTRD868BST24M – Page 93
			3	 TVSTRD868BSI24G – Page 94
	aluminium profile or outdoor IP 44	radio	3	 TVSTRD868NT24 – Page 94
			1	 TVSTICK868NT27 (60 W power supply unit)  TVSTICK868NT28 (100 W power supply unit) – Page 94
		radio 1-10V	1	 TVSTICK868NT10 (60 W power supply unit)  TVSTICK868NT11 (100 W power supply unit) – Page 95
		radio	2	 TVSTICK868NT29 (150 W power supply unit)  TVSTICK868NT30 (200 W power supply unit) – Page 95
TUNABLE WHITE	false ceiling IP 20	radio pushbuttons	2	 TVSTRDW868ST30 – Page 96




RECEIVER SELECTION GUIDE



FOR 12/24 Vdc CONSTANT VOLTAGE LED

TYPE OF LED	INSTALLATION	TYPE OF INPUT	NUMBER OF OUTPUTS	PRODUCT
RGB	false ceiling IP 20	radio pushbuttons	3	 TVRGBDU868ST30 TVRGBDSY868ST24 TVLRGBDU868ST24 – Page 96 - 97
	DIN rail IP 20	radio 1-10V	3	 TVRGBDU868DT24 – Page 97
	aluminium profile or outdoor IP 44	radio	3	 TVRGBDU868NT24 – Page 97
		radio	3	 TVSTICK868RGB29 (150 W power supply unit) TVSTICK868RGB30 (200 W power supply unit) – Page 98
	aluminium profile or outdoor IP 54	radio pushbuttons	3	 TVRGBDU868BST30 TVLRGBDU868BST24 (Bus version) – Page 98
RGBW	false ceiling IP 20	radio pushbuttons	4	 TVRGBWU868ST25 TVSRGBWU868ST25 TVLSRGBWU868ST25 – Page 99

FOR 12/24 Vdc CONSTANT VOLTAGE LED WITHOUT RADIO RECEIVER WITH DALI AND DMX INTERFACE

TYPE OF LED	INSTALLATION	TYPE OF INPUT	NUMBER OF OUTPUTS	PRODUCT
1-COLOUR RGB RGBW	DIN rail IP 20	DALI/DMX	4	 TVSTRDMX000DI24 – Page 100

FOR 350/700 mA CONSTANT CURRENT LED

TYPE OF LED	INSTALLATION	TYPE OF INPUT	NUMBER OF OUTPUTS	PRODUCT
1-COLOUR	false ceiling IP 20	radio pushbuttons	3	 TVSPOT868AI01 TVSPOT868BI01 – Page 100
	DIN rail IP 20	radio 1-10V	4	 TVSPOT868ADI04 – Page 101
RGB	false ceiling IP 20	radio pushbuttons	3	TVRGBDU868A01 (350 mA version) TVRGBDU868B01 (700 mA version) TVRGBDSY868A01 (Syncroled version 350 mA) TVRGBDSY868B01 (Syncroled version 700 mA) – Page 101 - 102
				DIN rail IP 20



Cod: TVALL868L02

**2 OUTPUTS
INTEGRATED POWER SUPPLY UNIT**

TVALL

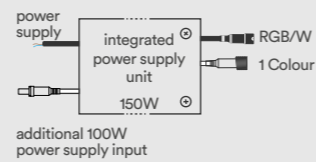
Dimmer with built-in radio receiver and power supply unit for the control of 12/24 Vdc 1-colour and RGB LED.

- 150W integrated power supply unit
- With connection for additional external power supply unit 100W
- 230 Vac input, 24 Vdc output
- Remote programming by transmitter without opening the receiver
- It memorises the light level of the last time it was switched on (Light memory)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	230 Vac
Number of outputs	2
Protection rating	IP54
Dimensions	500x54x25 mm

Wiring diagram



**3 INDEPENDENT OR SYNCHRONIZED OUTPUTS
BUS COMMUNICATION BETWEEN MASTER AND SLAVE**

STRD BUS

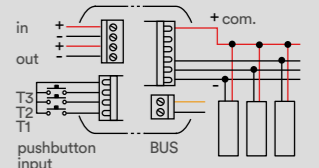
Dimmer with built-in radio receiver for the control of 24 Vdc 1-colour LED. BUS technology to synchronise MASTER and SLAVE. It is ideal for false ceiling.

- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- Possibility to connect BUS SLAVE devices (max 40) that replicate the MASTER's functions (more information on page 103)
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	24 Vdc
Number of outputs	3
Max. power	100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



Cod: TRSTRD868ST24G
master
Cod: TVRGBD000ST24
slave (optional)

3 SYNCHRONIZED OUTPUTS, BIDIRECTIONAL

STRD

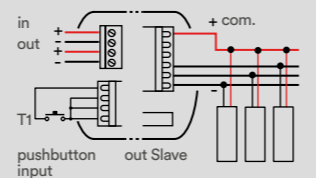
Dimmer with built-in radio receiver for the control of 12/24 Vdc 1-colour LED. It is ideal for false ceiling.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (more information on page 103)
- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



**4 INDEPENDENT OR SYNCHRONIZED OUTPUTS
1-10V INPUT**

STRD DIN

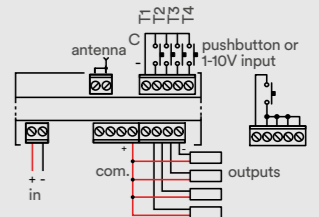
Dimmer with built-in radio receiver for the control of 12/24 Vdc 1-colour LED. It is ideal for false ceiling.

- Independent or synchronized control of outputs
- Pushbutton input for manual controls and 1-10V devices
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	4
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	90x87x60 mm

Wiring diagram



3 INDEPENDENT OR SYNCHRONIZED OUTPUTS

STRD

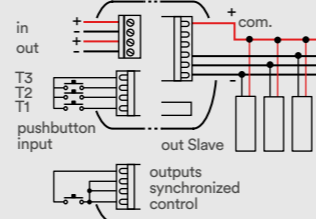
Dimmer with built-in radio receiver for the control of 12/24 Vdc 1-colour LED. It is ideal for false ceiling.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (more information on page 103)
- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



1 OUTPUT 300W

STRD BOX

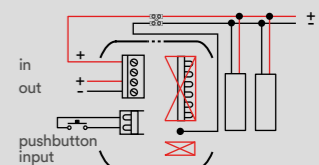
Dimmer with built-in radio receiver for the control of 12/24 Vdc 1-colour LED. Ideal for outdoor installations using box IP54.

- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	1
12 Vdc power supply	max 150W
24 Vdc power supply	max 300W
Protection rating	IP54
Dimensions	230x70x74 mm

Wiring diagram



3 INDEPENDENT OR SYNCHRONIZED OUTPUTS



STRD BOX

Dimmer with built-in radio receiver for the control of 12/24 Vdc 1-colour LED. Ideal for outdoor installations using box IP54.

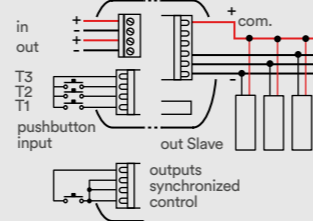
- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVSTRD868BSI24G
master

Technical specifications:

Power supply 12/24 Vdc
Number of outputs 3
12 Vdc power supply max 50W per output
24 Vdc power supply max 100W per output
Protection rating IP54
Dimensions 230x70x51 mm

Wiring diagram



1 OUTPUT - 1-10V AND PUSHBUTTON INPUTS FOR MANUAL CONTROLS - INTEGRATED POWER SUPPLY UNIT



STICK 1-10 V

Dimmer with built-in radio receiver and power supply unit for the control of 24 Vdc 1-colour LED. Ideal for aluminium profile.

- 60W or 100W integrated power supply unit
- 200-240 Vac power supply, 24 Vdc output
- Pushbutton input for manual controls and 1-10V devices
- Remote programming by transmitter without opening the receiver
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVSTICK868NT10

with 60W integrated power supply unit

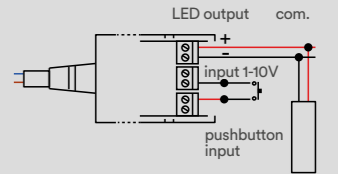
Cod: TVSTICK868NT11

with 100W integrated power supply unit

Technical specifications:

Power supply 200-240 Vac
Number of outputs 1
Protection rating IP44
Dimensions 420x30x20 mm

Wiring diagram



3 OUTPUTS INDEPENDENT OR SYNCHRONIZED



NANO

Dimmer with built-in radio receiver for the control of 12/24 Vdc 1-colour LED. Ideal for aluminium profile, with mounting brackets.

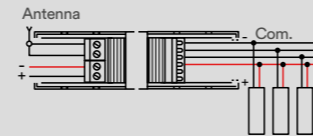
- Independent or synchronized control of outputs
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVSTRD868NT24

Technical specifications:

Power supply 12/24 Vdc
Number of outputs 3
12 Vdc power supply max 50W per output
24 Vdc power supply max 100W per output
Protection rating IP44
Dimensions 252x30x20 mm

Wiring diagram



2 INDEPENDENT OR SYNCHRONIZED OUTPUTS INTEGRATED POWER SUPPLY UNIT



STICK

Dimmer with built-in radio receiver and power supply unit for the control of 24 Vdc 1-colour LED. Ideal for aluminium profile.

- 150W or 200W integrated power supply unit
- 200-240 Vac input, 24 Vdc output
- Independent or synchronized control of outputs
- Remote programming by transmitter without opening the receiver
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVSTICK868NT29

with 150W integrated power supply unit

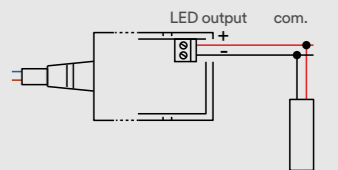
Cod: TVSTICK868NT30

with 200W integrated power supply unit

Technical specifications:

Power supply 200-240 Vac
Number of outputs 2
Protection rating IP44
Dimensions 500x30x25 mm

Wiring diagram



1 OUTPUT INTEGRATED POWER SUPPLY UNIT



STICK

Dimmer with built-in radio receiver and power supply unit for the control of 24 Vdc 1-colour LED. Ideal for aluminium profile.

- 60W or 100W integrated power supply unit
- 200-240 Vac input, 24 Vdc output
- Remote programming by transmitter without opening the receiver
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVSTICK868NT27

with 60W integrated power supply unit

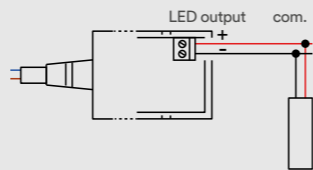
Cod: TVSTICK868NT28

with 100W integrated power supply unit

Technical specifications:

Power supply 200-240 Vac
Number of outputs 1
Protection rating IP44
Dimensions 420x30x20 mm

Wiring diagram



Cables available:

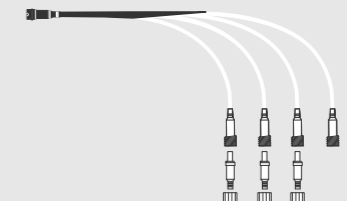
Cable with 2 connectors for 1-colour LED for independent control

Cod: SPT050037



Cable with 4 connectors for 1-colour LED for synchronized control

Cod: SPT050034



2 OUTPUTS
DYNAMIC WHITE

Dimmer with built-in radio receiver and tunable white controller for 1-colour or 2-colour 12/24 Vdc LED. It allows to adjust the "temperature" of the colour, mixing the outputs from cool white to warm white. It is ideal for false ceiling.

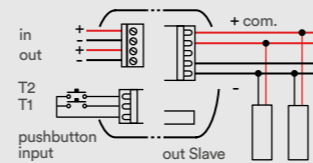
- Compatible with TVEVO868W21B transmitter (more information on page 74)
- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVSTRDW868ST30
master

Cod: TVRGBD000ST24
slave (optional)

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	2
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram


Cod: TVLRGBDU868ST24
master

Cod: TVLRGBD000ST24
BUS slave (optional)

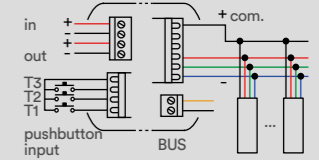
3 RGB OUTPUTS WITH BUS TECHNOLOGY
RGB BUS

Dimmer with built-in radio receiver for the control of 24 Vdc RGB LED (red, green, blue). BUS Technology to synchronise MASTER and SLAVE. It is ideal for false ceiling.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Possibility to connect BUS SLAVE devices (max 40) that replicate the MASTER's functions (more information on page 103)
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	24 Vdc
Number of outputs	3
Max. power	100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram

3 RGB OUTPUTS
RGB

Dimmer with built-in radio receiver for the control of 12/24 Vdc RGB LED (red, green, blue). It is ideal for false ceiling.

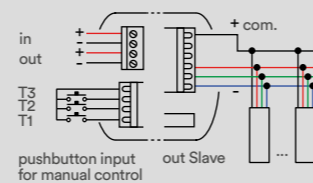
- Compatible with TVEVO868T21B transmitter (more information on page 74)
- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Cod: TVRGBDU868ST30
master

Cod: TVRGBD000ST24
slave (optional)

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram


Cod: TVRGBDU868DT24

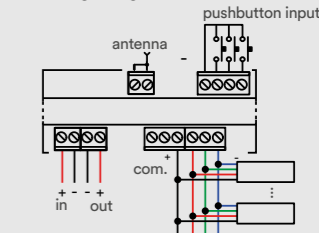
3 RGB OUTPUTS
RGB DIN

Dimmer with built-in radio receiver for the control of 12/24 Vdc RGB LED (red, green, blue). It is ideal for DIN rail.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	90x87x60 mm

Wiring diagram

3 RGB OUTPUTS WITH SYNCROLED TECHNOLOGY
RGB SYNCROLED

Dimmer with built-in radio receiver for the control of 12/24 Vdc RGB LED (red, green, blue). Syncroled Technology to wireless synchronise MASTER and SLAVE. It is ideal for false ceiling.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Possibility to connect SLAVE devices (Syncroled or standard cable) that replicate the MASTER's functions (more information on page 100)
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

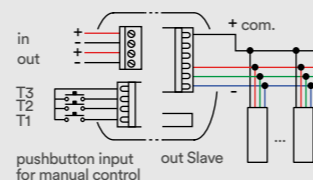
Cod: TVRGBDSY868ST24
master

Cod: TVRGBDSY868SL24
Syncroled slave (optional)

Cod: TVRGBD000ST24
slave (optional)

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram


Cod: TVRGBDU868NT24

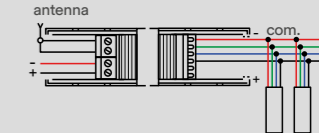
3 RGB OUTPUTS
NANO

Dimmer with built-in radio receiver for the control of 12/24 Vdc RGB LED (red, green, blue). Ideal for aluminium profile, with mounting brackets.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP44
Dimensions	252x30x20 mm

Wiring diagram




3 RGB OUTPUTS INTEGRATED POWER SUPPLY UNIT

STICK

Dimmer with built-in radio receiver and power supply unit for the control of 24 Vdc RGB LED (red, green, blue). Ideal for aluminium profile.

- 150W or 200W integrated power supply unit
- 200-240 Vac input, 24 Vdc output
- Remote programming by transmitter without opening the receiver
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cables available:

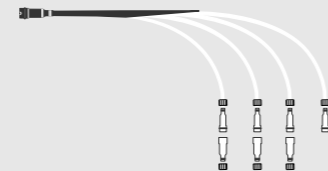
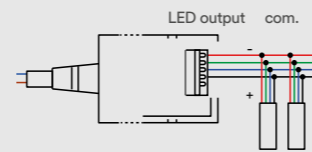
Cable with 4 connectors for RGB LED included

Cod: SPT050416

Technical specifications:

Power supply 200-240 Vac
Number of outputs 1
Protection rating IP44
Dimensions 500x30x25 mm

Wiring diagram



Cod: TVSTICK868RGB29

with 150W integrated power supply unit

Cod: TVSTICK868RGB30

with 200W integrated power supply unit



3 RGB OUTPUTS

RGB BOX

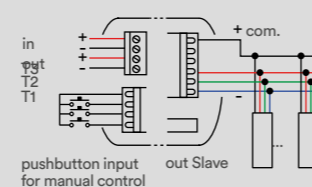
Dimmer with built-in radio receiver for the control of 12/24 Vdc RGB LED (red, green, blue). Ideal for outdoor installations using box IP54.

- Compatible with TVEVO868T21B transmitter (more information on page 74)
- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

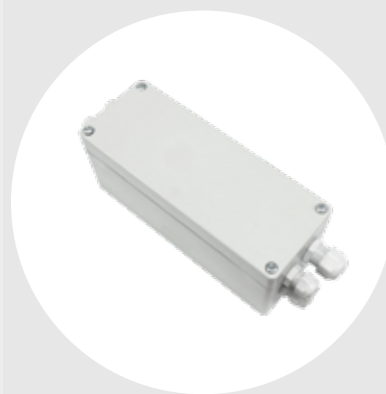
Power supply 12/24 Vdc
Number of outputs 3
12 Vdc power supply max 50W per output
24 Vdc power supply max 100W per output
Protection rating IP54
Dimensions 230x70x51 mm

Wiring diagram



Cod: TVRGBDU868BST30

master



3 RGB OUTPUTS WITH BUS TECHNOLOGY

RGB BUS

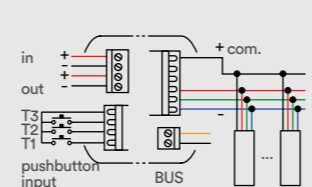
Dimmer with built-in radio receiver for the control of 24 Vdc RGB LED (red, green, blue). BUS Technology to synchronise MASTER and SLAVE. Ideal for outdoor installations using box IP54.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Possibility to connect BUS SLAVE devices (max 40) that replicate the MASTER's functions (more information on page 100)
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply 24 Vdc
Number of outputs 3
Max. power 100W per output
Protection rating IP54
Dimensions 230x70x51 mm

Wiring diagram



Cod: TVLRGBDU868BST24

master

Cod: TVLRGBD000BST24

slave (optional)

RGB + WHITE

FOR 12/24 Vdc CONSTANT VOLTAGE LED



4 RGB+W OUTPUTS

RGBW

Dimmer with built-in radio receiver for the control of 12/24 Vdc RGB LED (red, green, blue) and white (warm and cold). It is ideal for false ceiling.

- If controlled with 7-channel wireless transmitters, it is possible to recall 8 default colors, among which the white light obtained from the 4th output, or to activate the automatic colour cycle.
- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- It allows changing of the default colors by adding the white colour of the 4th output for better definition of the colour temperature
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

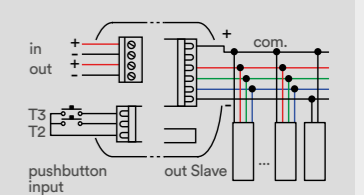
Only for the TVSRGBWU868ST25 version

- The RGB and white outputs are controlled independently by transmitter or manually operated pushbuttons

Technical specifications:

Power supply 12/24 Vdc
Number of outputs 4
12 Vdc power supply max 30W per output
24 Vdc power supply max 60W per output
Protection rating IP20
Dimensions 165x47x35 mm

Wiring diagram



Cod: TVRGBWU868ST25

master

Cod: TVSRGBWU868ST25

master

Cod: TVRGBW000ST25

slave (optional)



4 RGB+W OUTPUTS INDEPENDENT CONTROL OF WHITE WITH BUS TECHNOLOGY

RGBW BUS

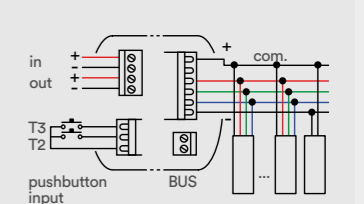
Dimmer with built-in radio receiver for the control of 24 Vdc RGB LED (red, green, blue) and white (warm and cold). BUS Technology to synchronise MASTER and SLAVE. It is ideal for false ceiling.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Possibility to connect BUS SLAVE devices (max 40) that replicate the MASTER's functions (more information on page 103)
- It allows changing of the default colors by adding the white colour of the 4th output for better definition of the colour temperature
- The RGB and white outputs are controlled independently by transmitter or manually operated pushbuttons
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply 24 Vdc
Number of outputs 4
Max. power 60W per output
Protection rating IP20
Dimensions 165x47x35 mm

Wiring diagram



Cod: TVLRGBWU868ST25

master

Cod: TVLRGBW000ST25

BUS slave (optional)



Cod: TVSTRDMX000DI24

**4 INDEPENDENT OUTPUTS
DALI / DMX INPUT**

STRD DIN

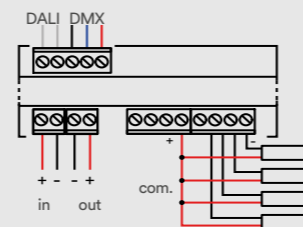
Dimmer without radio receiver for the control of 12/24 Vdc LED. It is ideal for DIN rail.

- It controls independently the 4 outputs via DMX / DALI inputs
- Ideal for any type of 1-colour LED, RGB and RGBW installation
- Configuration through dip-switch of the DALI or DMX addresses assigned to the outputs

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	4
12 Vdc power supply	max 50W per output
24 Vdc power supply	max 100W per output
Protection rating	IP20
Dimensions	90x87x60 mm

Wiring diagram



Cod: TVSPOT868AI01
master - 350 mA version
Cod: TVRGB000M01
350 mA slave (optional)

**3 INDEPENDENT OR SYNCHRONIZED OUTPUTS
350 mA**

SPOT

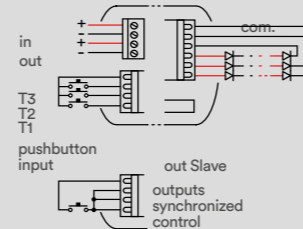
Dimmer with built-in radio receiver for the control of 350 mA 1-colour LED. It is ideal for false ceiling.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 4W (350mA) per output
24 Vdc power supply	max 8W (350mA) per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



Cod: TVSPOT868ADI04

**4 INDEPENDENT OR SYNCHRONIZED OUTPUTS
1-10V INPUT**

1-10V SPOT

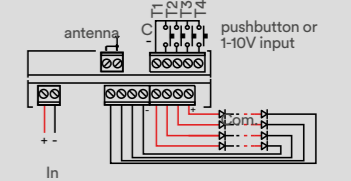
Dimmer with built-in radio receiver for the control of 350/700 mA 1-colour LED. It is ideal for DIN rail.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- Input voltage up to 48 Vdc
- Selectable output current (350 or 700 mA)
- Independent or synchronized control of outputs
- Pushbutton input for manual controls and 1-10V devices
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24/48 Vdc
Number of outputs	4
12 Vdc power supply	max 4W (350mA) per output max 8W (700mA) per output
24 Vdc power supply	max 8W (350mA) per output max 16W (700mA) per output
48 Vdc power supply	max 16W (350mA) per output max 32W (700mA) per output
Protection rating	IP20
Dimensions	105x90x60 mm

Wiring diagram



Cod: TVRGBDU868A01
master - 350 mA version
Cod: TVRGB000M01
350 mA slave (optional)

3 350 mA RGB OUTPUTS

RGB

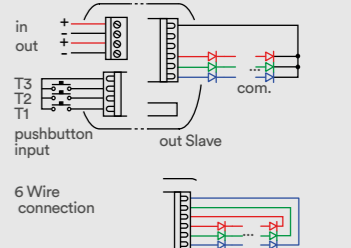
Dimmer with built-in radio receiver for the control of 350 mA RGB LED (red, green, blue). It is ideal for false ceiling.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 4W (350mA) per output
24 Vdc power supply	max 8W (350mA) per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



Cod: TVSPOT868BI01
master - 700 mA version
Cod: TVRGB000N01
700 mA slave (optional)

**3 INDEPENDENT OR SYNCHRONIZED OUTPUTS
700 mA**

SPOT

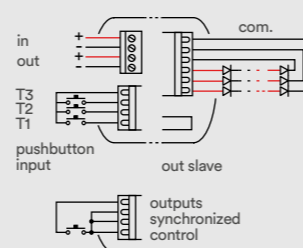
Dimmer with built-in radio receiver for the control of 700 mA 1-colour LED. It is ideal for false ceiling.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- Independent or synchronized control of outputs
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 8W (700mA) per output
24 Vdc power supply	max 16W (700mA) per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



Cod: TVRGBDU868B01
master - 700 mA version.
Cod: TVRGB000N01
700 mA slave (optional)

3 700 mA RGB OUTPUTS

RGB

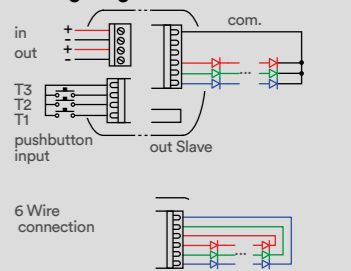
Dimmer with built-in radio receiver for the control of 700 mA RGB LED (red, green, blue). It is ideal for false ceiling.

- Possibility to connect SLAVE devices (max 5) that replicate the MASTER's functions (More information on page 103)
- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	12/24 Vdc
Number of outputs	3
12 Vdc power supply	max 8W (700mA) per output
24 Vdc power supply	max 16W (700mA) per output
Protection rating	IP20
Dimensions	165x47x35 mm

Wiring diagram



3 RGB OUTPUTS WITH SYNCROLED TECHNOLOGY

RGB SYNCROLED

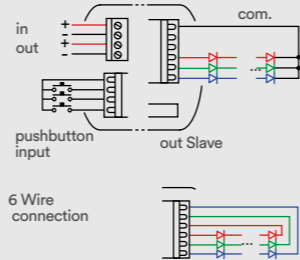
Dimmer with built-in radio receiver for the control of 350mA RGB LED (red, green, blue). Syncroled Technology to wireless synchronise MASTER and SLAVE. It is ideal for false ceiling.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Possibility to connect SLAVE devices (Syncroled or standard cable) that replicate the MASTER's functions (more information on page 103)
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply 12/24 Vdc
 Number of outputs 3
 12 Vdc power supply max 4W (350mA) per output
 24 Vdc power supply max 8W (350mA) per output
 Protection rating IP20
 Dimensions 165x47x35 mm

Wiring diagram



Cod: TVRGBDSY868A01
 master - 350 mA version

Cod: TVRGBDSY868M01
 slave - 350 mA Syncroled version (optional)

Cod: TVRGB000M01
 slave - 350 mA version (optional)

3 RGB OUTPUTS WITH SYNCROLED TECHNOLOGY

RGB SYNCROLED

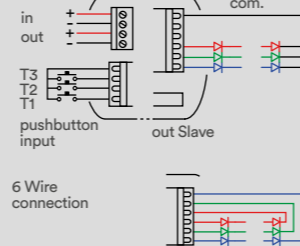
Dimmer with built-in radio receiver for the control of 700 mA RGB LED (red, green, blue). Syncroled Technology to wireless synchronise MASTER and SLAVE. It is ideal for false ceiling.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Possibility to connect SLAVE devices (Syncroled or standard cable) that replicate the MASTER's functions. (more information on page 100)
- Pushbutton input for manual controls
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply 12/24 Vdc
 Number of outputs 3
 12 Vdc power supply max 8W (700mA) per output
 24 Vdc power supply max 16W (700mA) per output
 Protection rating IP20
 Dimensions 165x47x35 mm

Wiring diagram



Cod: TVRGBDSY868B01
 master - 700 mA version

Cod: TVRGBDSY868N01
 slave - 700 mA Syncroled version (optional)

Cod: TVRGB000N01
 slave - 700 mA version

3 RGB OUTPUTS

RGB

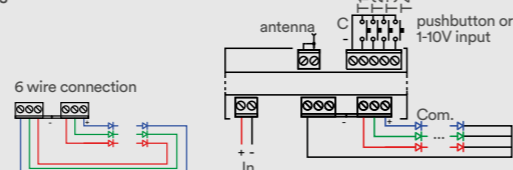
Dimmer with built-in radio receiver for the control of 350/700 mA RGB LED (red, green, blue). It is ideal for DIN rail.

- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Pushbutton input for manual controls
- Input voltage up to 48 Vdc
- Selectable output current (350 or 700 mA)
- It is possible to adjust the intensity of the pre-set colours and to save the new value (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply 12/24/48 Vdc
 Number of outputs 3
 12 Vdc power supply max 4W (350mA) per output max 8W (700mA) per output
 24 Vdc power supply max 8W (350mA) per output max 16W (700mA) per output
 48 Vdc power supply max 16W (350mA) per output max 32W (700mA) per output
 Protection rating IP20
 Dimensions 105x90x60 mm

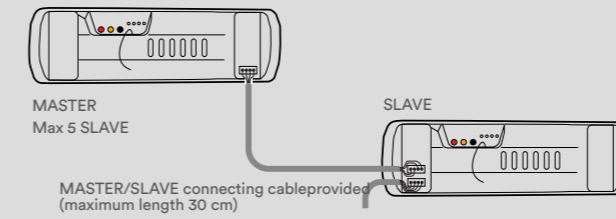
Wiring diagram



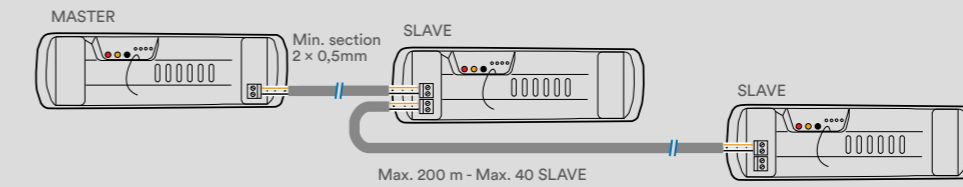
Cod: TVRGBDU868AD02

SUPPLEMENTARY WORKSHEET: MASTER AND SLAVE SYNCHRONIZATION

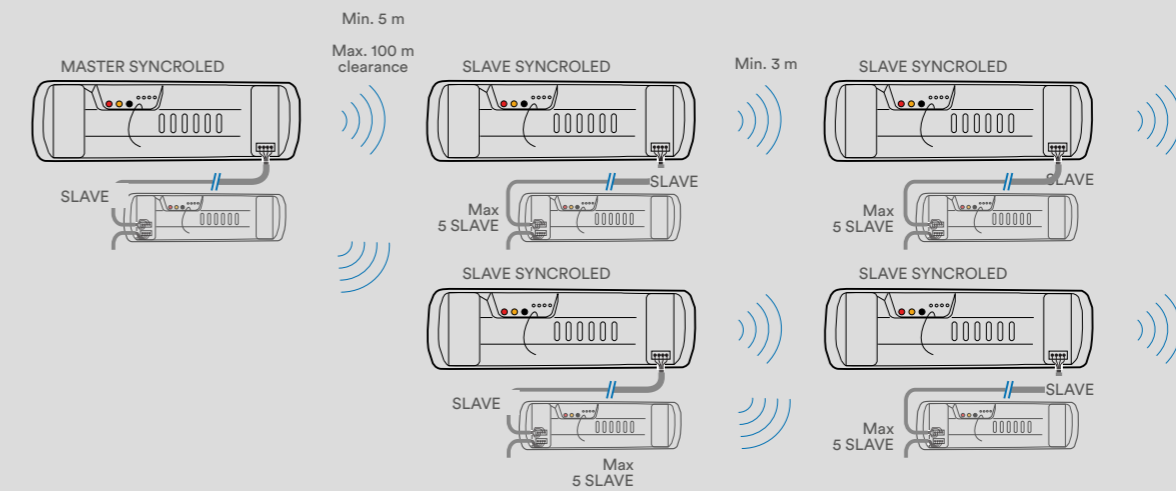
STANDARD CABLE (PROVIDED)



BUS CABLE (2-CORE CABLE ON THE MARKET)

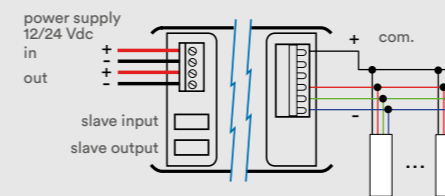


RGB SYNCROLED (RADIO SYNCHRONIZATION)

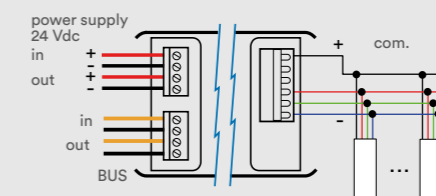


SLAVE CONNECTIONS

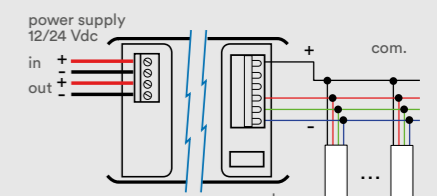
Cod: TVRGBD000ST24



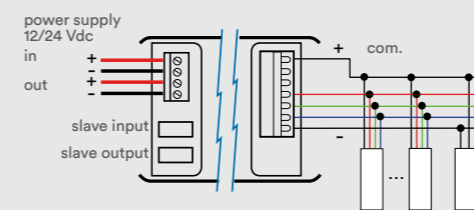
Cod: TVLRGBD000ST24



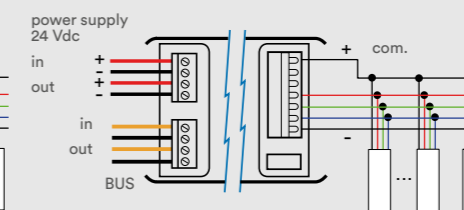
Cod: TVRGBDSY868SL24



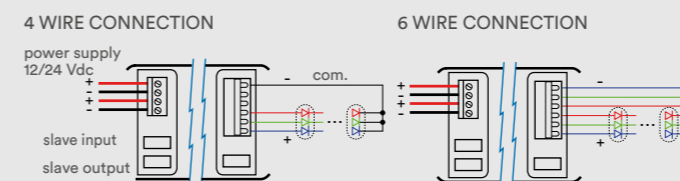
Cod: TVRGBW000ST25



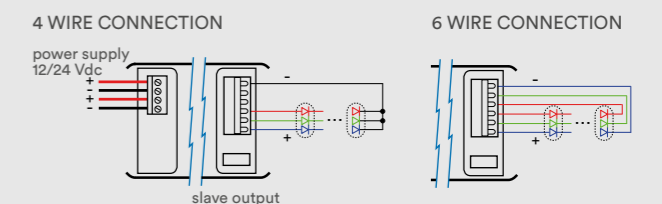
Cod: TVLRGBD000ST25



Cod: TVRGB000M01 / TVRGB000N01



Cod: TVRGBDSY868M01 / TVRGBDSY868N01








UNIVERSAL DIMMER FOR 230 Vac LIGHTS AND 0-10V / 1-10V / DALI DEVICES

Adjustment of any type of light: halogen, 230 Vac LED and devices with 0-10V / 1-10V or DALI input. Attenuating or increasing the light intensity of the lighting fixtures allows adjusting of the atmosphere in the environment as desired, at the same time obtaining an advantageous rationalisation of consumption.






RECEIVER SELECTION GUIDE

FOR HALOGEN AND 230 Vac LED LIGHTS

TYPE OF OUTPUT	INSTALLATION	NUMBER OF OUTPUTS	PRODUCT
FOR 230 Vac LED LIGHTS STANDARD AND ELECTRONIC TRANSFORMERS	55mm diameter electrical box IP 20	1	 TRDLC868A01 (Blue Series version) TVDLC868A01 – Page 106
	Wall-mounted IP 54	4	 TVDMM868A05 – Page 106
	false ceiling IP 20	1	 TVDMM868G09S – Page 107

FOR DEVICES WITH 0-10V / 1-10V OR DALI INPUT

TYPE OF OUTPUT	INSTALLATION	NUMBER OF OUTPUTS	PRODUCT
CONTROL WITH DALI OUTPUT	false ceiling IP 20	1	 TVDMA868A01 (Version for 20 DALI devices) TVDMA868A02 (Version for 64 DALI devices) – Page 108
CONTROL WITH 0-10V/1-10V OUTPUT 0-10V/1-10V	false ceiling IP 20	1	 TVDMM868G10S – Page 108
		2	 TVDMM868W10 (Tunable white) – Page 108



BLUE SERIES

Cod: TRDLC868A01

1 OUTPUT UP TO 250W - BIDIRECTIONAL

DLC

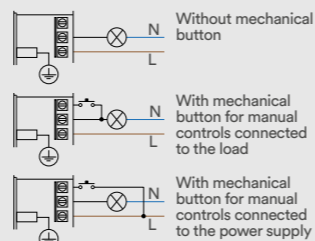
230 Vac dimmer with built-in radio receiver for the control of resistive, inductive, capacitive loads and LED up to 250W(VA). Ideal for wall shunt boxes of 55 mm diameter.

- Possible to configure the type of load
- Pushbutton input for manual controls
- Protected against short circuits
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 16 transmitters
- Supplied with stabilising circuit to be connected in parallel, if necessary, or greater load stability
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply 230 Vac 50/60Hz
 Number of outputs 1
 Resistive loads 25W - 250W
 Inductive/capacitive loads 25VA - 250VA
 LED lamps 7W - 100W
 Protection rating IP20
 Dimensions 50x50x25 mm

Wiring diagram



Cod: TVDLC868A01

1 OUTPUT UP TO 250W

DLC

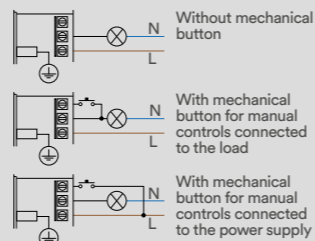
230 Vac dimmer with built-in radio receiver for the control of resistive, inductive, capacitive loads and LED up to 250W(VA). Ideal for wall shunt boxes of 55 mm diameter.

- Possible to configure the type of load
- Pushbutton input for manual controls
- Protected against short circuits
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 16 transmitters
- Supplied with stabilising circuit to be connected in parallel, if necessary, for greater load stability
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply 230 Vac 50/60Hz
 Number of outputs 1
 Resistive loads 25W-250W
 Inductive/capacitive loads 25 VA-250VA
 LED lamps 7W-100W
 Protection rating IP20
 Dimensions 50x50x25 mm

Wiring diagram



Cod: TVDMM868A05

4 OUTPUTS UP TO 500W EACH

DMM BOX

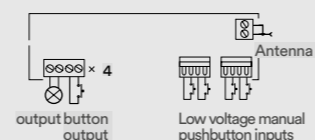
230 Vac dimmer with built-in radio receiver and 4 outputs up to 500W(VA) for the control of resistive, inductive, capacitive loads and LED. It is ideal for wall-mounted installation.

- Automatic or manual configuration of type of load
- Mains or low voltage manual pushbutton inputs
- Protected against short circuits
- Controlled by wireless movement sensors
- Timed load switching off (from 15 seconds to 20 minutes)
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 64 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply 110/230 Vac 50/60Hz
 Number of outputs 4
 Resistive loads 25W-250W (230Vac)
 12W-250W (110Vac)
 Inductive/capacitive loads 25VA-500VA (230Vac)
 12VA-250W (110Vac)
 LED lamps 7-100W (230Vac)
 4W-50W (110Vac)
 Protection rating IP54
 Dimensions 200x254x95 mm

Wiring diagram



Cod: TVDMM868G09S

1 OUTPUT UP TO 250W

DMM

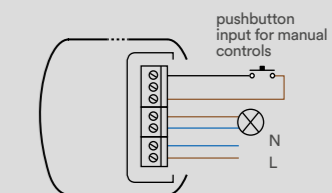
230 Vac dimmer with built-in radio receiver and 4 outputs up to 500W(VA) for the control of resistive, inductive, capacitive loads capacitive loads and LED. It is ideal for false ceiling.

- Automatic configuration of type of load
- Manual selection of the LED mode
- Pushbutton input for manual controls
- Protected against short circuits
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- Possibility to memorize up to 16 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

Power supply 230 Vac 50/60Hz
 Number of outputs 1
 Resistive loads 25W-250W
 Inductive/capacitive loads 25 VA-250VA
 LED lamps 7W-100W
 Protection rating IP20
 Dimensions 165x47x35 mm

Wiring diagram





CONTROL WITH DALI OUTPUT

1 OUTPUT



DMA

230 Vac dimmer with built-in radio receiver and DALI output for control ballasts and lamps. It is ideal for false ceiling.

- 1 DALI output
- Integrated power supply unit for 20 or 64 DALI devices
- Pushbutton input for manual controls
- Group (from 0 to 15) or broadcast type ON/OFF/DIMMER controls "broadcast"
- Can be integrated into an existing DALI BUS to create groups that can also be controlled via radio
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

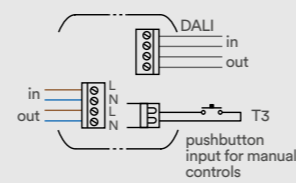
Cod: TVDMA868A01
version for 20 DALI devices

Cod: TVDMA868A02
version for 64 DALI devices

Technical specifications:

Power supply 230 Vac
Number of outputs 1
Protection rating IP20
Dimensions 165x47x35 mm

Wiring diagram



CONTROL WITH 0-10V/1-10V OUTPUT

1 OUTPUT



DMM

Dimmer 230 Vac with built-in radio receiver to adjust 0-10V/10V devices (e.g. ballast for fluorescent lamps). It is ideal for false ceiling.

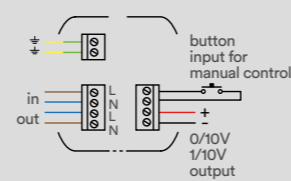
- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVDMM868G10S

Technical specifications:

Power supply 230 Vac
Number of outputs 1
0-10V / 1-10V output max 30mA
Relay output 800W
Protection rating IP20
Dimensions 165x47x35 mm

Wiring diagram



CONTROL WITH 0-10V/1-10V OUTPUTS - TUNABLE WHITE

2 OUTPUTS



DYNAMIC

230 Vac dimmer with built-in radio receiver and tunable white to adjust two 0-10V / 1-10V devices (e.g. power supply unit for LED lights). It is ideal for false ceiling.

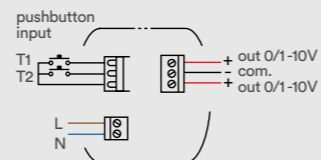
- It allows to adjust the "temperature" of the colour, mixing the outputs from cool white to warm white.
- Pushbutton input for manual controls
- It memorises the light level of the last time it was switched on (Light memory)
- Function of gradual light switching on and off (Fade)
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Cod: TVDMM868W10

Technical specifications:

Power supply 110/230 Vac
Number of outputs 2
0-10V / 1-10V outputs max 30mA
Protection rating IP20
Dimensions 165x47x35 mm

Wiring diagram



APPLICATION TYPE

Broadcast control



TVDMA868A01
TVDMA868A02

LAMPS AND BALLAST FOR FLUORESCENT LIGHTS

TVSTRDMX000DI24
(page 100)



Multigroup routing controls

DALI



TVDMA868A01
TVDMA868A02
Group 0



TVDMA868A01
TVDMA868A02
Group 1



TVDMA868A01
TVDMA868A02
Group 15

Group 1
LAMPS AND BALLAST FOR FLUORESCENT LIGHTS



TVSTRDMX000DI24
(page 100)

Group 0
LAMPS AND BALLAST FOR FLUORESCENT LIGHTS

Group 15
LAMPS AND BALLAST FOR FLUORESCENT LIGHTS












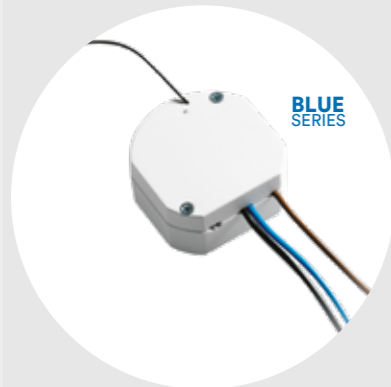
ON/OFF FOR INDOOR LIGHTS AND LOADS

A line of compact ON/OFF radio receivers that can be positioned inside wall plates, on DIN rail or within a suspended ceiling. Wireless communication significantly reduces installation times as it avoids complicated masonry work.



RECEIVER SELECTION GUIDE

TYPE OF OUTPUT OF THE LIGHT OR LOAD	MAX. POWER	INSTALLATION	NUMBER OF OUTPUTS	PRODUCT
POTENTIAL FREE CONTACT	3000W in total	55mm diameter electrical box recessed IP 20	1	 TRRL868G03P (Up to 3000W - Blue Series)  TVRRL868G03P (up to 3000W) – Page 112
	1000W in total			 TVRRL868G02P (Up to 1000W) – Page 112
	2000W in total	DIN rail IP 20	1	 TVRCD868A01 – Page 113
	3000W per output			4
110/230 Vac OUTPUT	3000W in total	55mm diameter electrical box recessed IP 20	1	 TRRL868GS03 (Up to 3000W - Blue Series)  TVRRL868GS03 (Up to 3000W) – Page 114
230 Vac OUTPUT	1000W in total	55mm diameter electrical box recessed IP 20	1	 TVRRL868GS02 (Up to 1000W) – Page 114
	1000W per output	false ceiling IP 20	2	 TVRGL868A02 – Page 115
	2000W per output	DIN rail IP20	4	 TVPRSD868A02 (Also for tubular motors) – Page 115



**1 RELAY OUTPUT
UP TO 3000W, BIDIRECTIONAL**

RRL

110/230 Vac ON/OFF receiver with 1 relay output (potential free contact) for loads up to 3000W (resistive). Ideal for wall shunt boxes of 55 mm diameter.

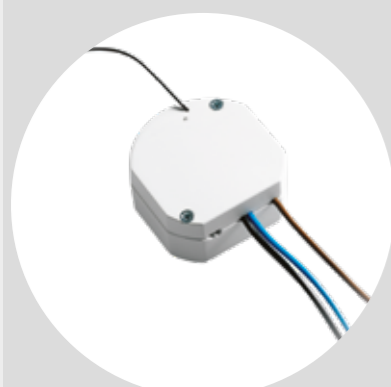
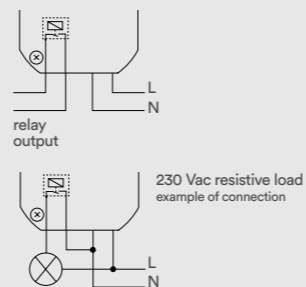
- Impulsive, ON/OFF and timer functions
- 1 relay output (potential free contact)

Cod: TRRL868G03P

Technical specifications:

Power supply 110/230 Vac
 Number of outputs 1
 Max. power (R) 3000W (230 Vac)
 1000W (110 Vac)
 Protection rating IP20
 Dimensions 54x49x25 mm

Wiring diagram



**1 RELAY OUTPUT
UP TO 3000W**

RRL

110/230 Vac ON/OFF receiver with 1 relay output (potential free contact) for loads up to 3000W (resistive). Ideal for wall shunt boxes of 55 mm diameter.

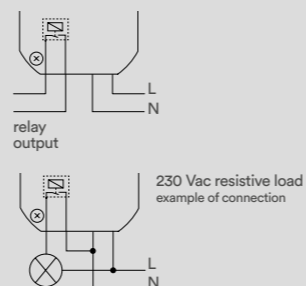
- Impulsive, ON/OFF and timer functions
- 1 relay output (potential free contact)

Cod: TVRRL868G03P

Technical specifications:

Power supply 110/230 Vac
 Number of outputs 1
 Max. power (R) 3000W (230 Vac)
 1000W (110 Vac)
 Protection rating IP20
 Dimensions 54x49x25 mm

Wiring diagram



**1 RELAY OUTPUT
UP TO 1000W**

RRL

230 Vac ON/OFF receiver with 1 relay output (potential free contact) for loads up to 1000W (resistive). Ideal for wall shunt boxes of 55 mm diameter.

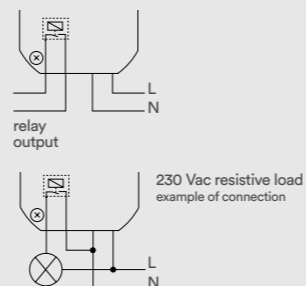
- Impulsive or ON/OFF function
- 1 relay output (potential free contact)

Cod: TVRRL868G02P

Technical specifications:

Power supply 230 Vac
 Number of outputs 1
 Max. power (R) 1000W
 Protection rating IP20
 Dimensions 54x49x25 mm

Wiring diagram



**1 TIMED OUTPUT
UP TO 2000W**

RCD DIN

230 Vac ON/OFF receiver with 1 timed output (potential free contact) for loads up to 2000W (resistive). It is ideal for DIN rail.

- SLAVE devices may be connected without radio receiver to increase the (connection cable included) number of controlled outputs
- Impulsive, ON/OFF and timer controlled up to 9 hours functions
- Possibility to memorize up to 42 transmitters

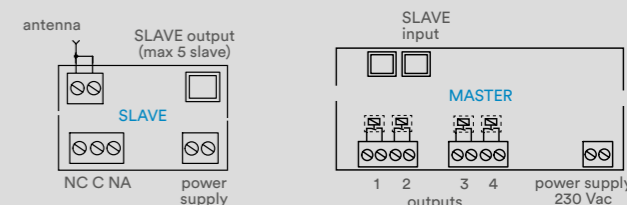
Cod: TVRCD868A01
 master

Cod: TVRCD868M04
 slave without receiver with 4 relay outputs (optional)

Technical specifications:

Power supply 230 Vac
 Number of outputs 1
 Max. power (R) 2000W
 Protection rating IP20
 Dimensions 90x36x61 mm

Wiring diagram



**4 RELAY OUTPUTS
UP TO 3000W EACH**

RCD DIN

230 Vac ON/OFF receiver with 4 relay outputs (potential free contact) for loads up to 3000W. It is ideal for DIN rail.

- SLAVE devices may be connected without radio receiver to increase the (connection cable included) number of controlled outputs
- Impulsive and ON/OFF functions
- Possibility to memorize up to 64 transmitters

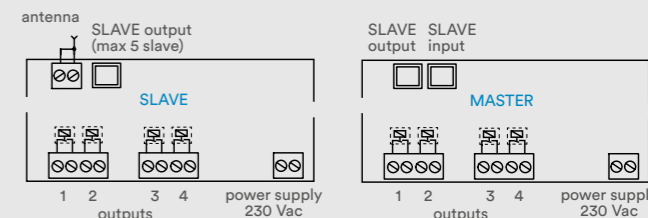
Cod: TVRCD868A04N
 master

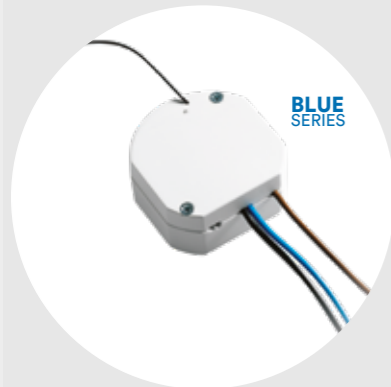
Cod: TVRCD868M04
 slave without receiver with 4 relay outputs (optional)

Technical specifications:

Power supply 230 Vac
 Number of outputs 4
 Max. power (R) 3000W per output
 Protection rating IP20
 Dimensions 90x87x60 mm

Wiring diagram





Cod: TRRL868GS03

1 RELAY OUTPUT UP TO 3000W, BIDIRECTIONAL

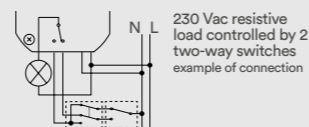
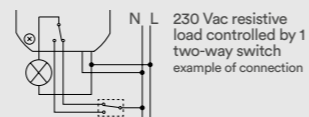
RRL

110/230 Vac ON/OFF receiver with 1 relay output (potential free contact) for loads up to 3000W (resistive). Ideal for wall shunt boxes of 55 mm diameter.

- Impulsive, ON/OFF and timer functions
- 1 relay output (potential free contact)
- Can be connected in series to an existing two-way switch
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	110/230 Vac
Number of outputs	1
Max. power (R)	3000W (230Vac) 1000W (110 Vac)
Protection rating	IP20
Dimensions	54x49x25 mm



Cod: TVRRL868GS03

1 RELAY OUTPUT UP TO 3000W

RRL

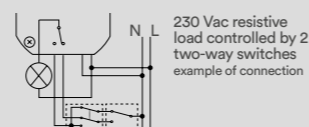
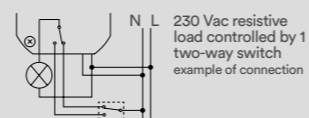
110/230 Vac ON/OFF receiver with 1 relay output (potential free contact) for loads up to 3000W (resistive). Ideal for wall shunt boxes of 55 mm diameter.

- Impulsive, ON/OFF and timer functions
- 1 relay output
- Can be connected in series to an existing two-way switch
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	110/230 Vac
Number of outputs	1
Max. power (R)	3000W (230Vac) 1000W (110 Vac)
Protection rating	IP20
Dimensions	54x49x25 mm

Wiring diagram



Cod: TVRRL868GS02

1 RELAY OUTPUT UP TO 1000W

RRL

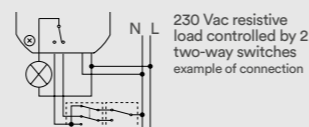
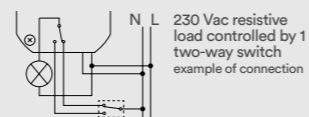
230 Vac ON/OFF receiver with 1 relay output for loads up to 1000W (resistive). Ideal for wall shunt boxes of 55 mm diameter.

- ON/OFF function
- 1 relay output
- Can be connected in series to an existing two-way switch
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	230 Vac
Number of outputs	1
Max. power (R)	1000W
Protection rating	IP20
Dimensions	54x49x25 mm

Wiring diagram



Cod: TVRGL868A02

2 OUTPUTS UP TO 1000W EACH

RGL

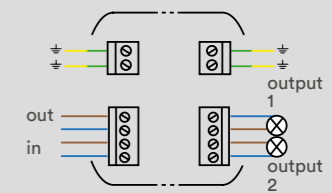
230 Vac ON/OFF receiver with 2 outputs for loads up to 1000W each (resistive). It is ideal for false ceiling.

- ON/OFF function
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	230 Vac
Number of outputs	2
Max. power (R)	1000W per output
Protection rating	IP20
Dimensions	54x49x25 mm

Wiring diagram



Cod: TVPRSD868A02

4 OUTPUTS FOR LIGHTS AND MOTORS

PRSD

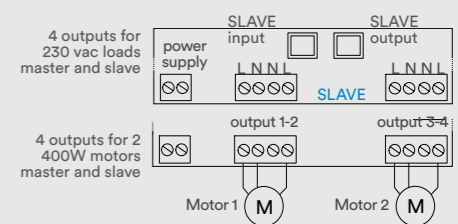
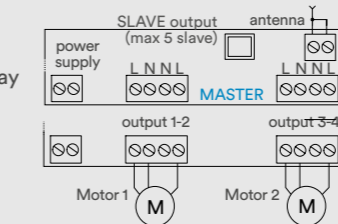
230 Vac receiver with 4 outputs, protected by fuse for the control of resistive loads up to 4000W or 2 tubular motors up to 400W. It is ideal for DIN rail.

- SLAVE devices may be connected without radio receiver to increase the (connection cable included) number of controlled outputs
- Pulse and ON/OFF function in load control mode
- OPEN - STOP - CLOSE commands in motor control mode
- Single or group commands are possible
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	230 Vac
Number of outputs	4
Max. power (R)	2000W per output 400W per output
Max. power for tubular motors	400W per output
Protection rating	IP20
Dimensions	105x90x60 mm

Wiring diagram



Cod: TVPRSD000M02
slave without receiver with 4 relay outputs (optional)



RECEIVER SELECTION GUIDE



OUTPUT OF THE LIGHT OR LOAD	MAX. POWER	NUMBER OF OUTPUTS	PRODUCT
230 Vac	4000W in total	4	 TRRCL868A60 (Blue Series version) – Page 118
			 TVRCL868A60 – Page 118
110/230 Vac	3000W per output	2	 TVRCL868A02F6 – Page 118
POTENTIAL FREE CONTACT	2000W per output	2	 TVRCL868A02 – Page 119

ON/OFF FOR OUTDOOR LIGHTS AND LOADS

A range of ON/OFF radio receivers for the management of outdoor lights and loads. Wireless communication significantly reduces installation times and also allows subsequent variation of the configuration.





BLUE SERIES

4 OUTPUTS UP TO 4000W IN TOTAL, BIDIRECTIONAL

RCL

230 Vac ON/OFF receiver with 4 outputs, protected by fuse for the control of resistive loads up to 4000W in total. It is ideal for outdoor lights and loads.

- Independent timer for each relay (from 5 seconds to 15 minutes)
- Independent or synchronised activation of relays that can be controlled from a single transmitter
- Impulsive, ON/OFF and timer functions
- Possibility to memorize up to 42 transmitters

Optional



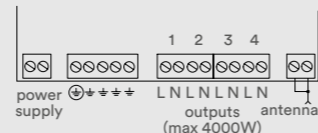
Bidirectional wall transmitter with 4 pre-set light intensity levels

Cod: TRTXI868BB07L
White polycarbonate

Technical specifications:

Power supply	230 Vac
Number of outputs	4
Max. power (R)	2000W per output
Max. power	4000W
Protection rating	IP54
Dimensions	180x200x79 mm

Wiring diagram



The provided fuse (5A) may need replacing.
The sum of the 4 connected loads must not exceed 4000W.

Cod: TRRCL868A60



2 RELAY OUTPUTS UP TO 16A

RCL

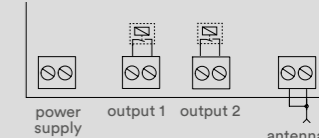
230 Vac ON/OFF receiver with 2 16A relay outputs for loads up to 2000W each (resistive). It is ideal for outdoor lights and loads.

- 2 relay outputs (potential free contact)
- Programmable relay functions: impulsive, ON/OFF and timer controlled up to 9 hours
- Independent or synchronised activation of relays that can be controlled from a single transmitter
- Timer switched off every time an OFF command is received
- 1 output with fuse
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	230 Vac
Number of outputs	2
Max. power (R)	2000W per output
Max. power	4000W
Protection rating	IP54
Dimensions	137x96x46 mm

Wiring diagram



Cod: TVRCL868A02



4 OUTPUTS UP TO 4000W IN TOTAL

RCL

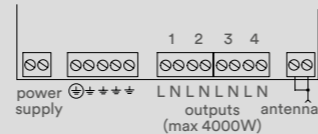
230 Vac ON/OFF receiver with 4 outputs, protected by fuse for the control of resistive loads up to 4000W in total. It is ideal for outdoor lights and loads.

- Independent timer for each relay (from 5 seconds to 15 minutes)
- Independent or synchronised activation of relays that can be controlled from a single transmitter
- Impulsive, ON/OFF and timer functions
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	230 Vac
Number of outputs	4
Max. power (R)	2000W per output
Max. power	4000W
Protection rating	IP54
Dimensions	180x200x79 mm

Wiring diagram



The provided fuse (5A) may need replacing.
The sum of the 4 connected loads must not exceed 4000W.

Cod: TVRCL868A60



2 OUTPUTS UP TO 3000W EACH

RCL

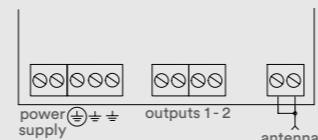
110/230 Vac ON/OFF receiver with 2 outputs for loads up to 3000W per output (resistive) - 1500W per output (110 Vac).

- Programmable relay functions: impulsive, ON/OFF and timer controlled up to 9 hours
- Independent or synchronised activation of relays that can be controlled from a single transmitter
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply	110/230 Vac 50/60Hz
Number of outputs	2
Max. power (R)	3000W (230 Vac) per output 1500W (110 Vac) per output
Max. power	3000W (230 Vac) per output 1500W (110 Vac) per output
Protection rating	IP54
Dimensions	205x145x85 mm






Wiring diagram



Cod: TVRCL868A02F6



RECEIVER SELECTION GUIDE

TYPE OF RECEIVER	MAX. LOAD	NUMBER OF OUTPUTS	INPUTS ADDITIONAL	PRODUCT
ON / OFF	3400W per output	2		 TVRCL868A02F7 - Page 122
DIMMER	up to 2000W	1	radio pushbutton for manual controls	 TVHET868B01 - Page 122
	up to 4000W	1	radio	 TVHET868A04 - Page 122
	up to 6500W		pushbutton for manual controls	 TVHET868A06 - Page 123
	up to 6800W		temperature probe PIR	 TVHET868A07 - Page 123

ON/OFF AND DIMMER FOR RESISTIVE OR INFRARED HEATERS

Solutions to control via radio any type of resistive or infrared heater with a simple command.





ON/OFF



2 OUTPUTS 3400W

RCL

110/230 Vac receiver for the ON/OFF control of resistive and infrared heaters up to 3400W each output (1500W each output at 110 Vac).

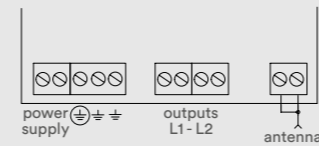
- Programmable relay functions: impulsive, ON/OFF and timer controlled up to 9 hours
- Independent or synchronised activation of relays that can be controlled from a single transmitter
- Possibility to memorize up to 42 transmitters

Cod: TVRCL868A02F7

Technical specifications:

Power supply 110/230 Vac
50/60Hz
Number of outputs 2
Max. load (R)
3400W (230 Vac) per output
1500W (110 Vac) per output
Protection rating IP54
Dimensions 145x205x85 mm

Wiring diagram



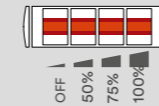
1 OUTPUT UP TO 6500W - ON/OFF AND 0-100% DIMMER FUNCTIONS

HET

110/230 Vac receiver with dimmer function for resistive and infrared heaters up to 6500W.

- Control one 6500W heater or two 3200W heaters (230 Vac).
- Control one 3400W heater or two 1700W heaters (110Vac).
- Pushbutton input for manual controls
- Controlled by wireless or wired movement sensors
- Automatic room temperature control through wired external sensor (OPTIONAL)
- Soft start: gradual start for longer life of the infrared heaters

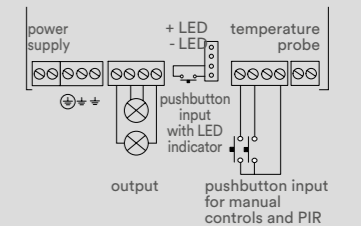
Cod: TVHET868A06



Technical specifications:

Power supply 110/230 Vac
50/60Hz
Number of outputs 1
Max. load (R)
6500W (230 Vac)
3400W (110 Vac)
Protection rating IP54
Dimensions 195x200x75 mm

Wiring diagram



DIMMER



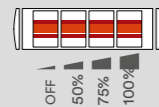
1 OUTPUT UP TO 2000W

HET

230 Vac receiver with dimmer function for resistive and infrared heaters up to 2000W.

- Remote control with wireless transmitters and sensors
- Pushbutton input for manual controls

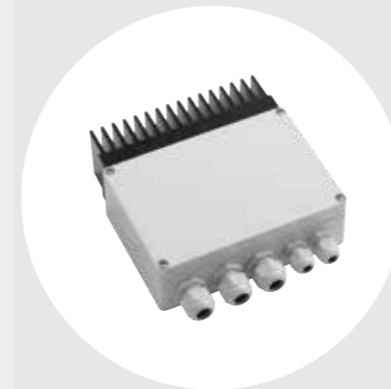
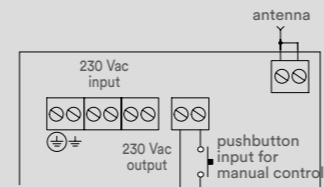
Cod: TVHET868B01



Technical specifications:

Power supply 230 Vac
Number of outputs 1
Max. load (R) 2000W
Protection rating IP54
Dimensions 143x140x55 mm

Wiring diagram



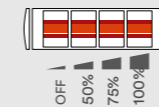
1 OUTPUT UP TO 6800W - ON/OFF AND 0-100% DIMMER FUNCTIONS

HET

110/277 Vac receiver with dimmer function for resistive and infrared heaters up to 6800W.

- Control one 6800W heater or two 3080W heaters (230Vac).
- Control one 3080W heater or two 1000W heaters (110Vac).
- Pushbutton input for manual controls
- Controlled by wireless or wired movement sensors
- Automatic room temperature control through wired external sensor (OPTIONAL)
- Soft start: gradual start for longer life of the infrared heaters

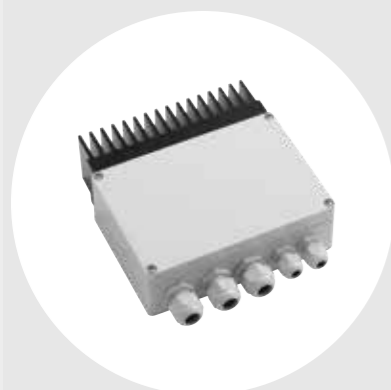
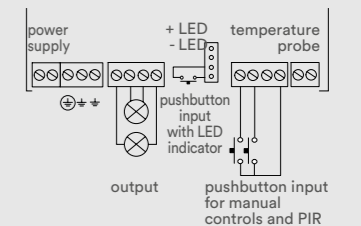
Cod: TVHET868A07



Technical specifications:

Power supply 110/277 Vac
50/60Hz
Number of outputs 1
Max. load (R)
6800W (240/277 Vac)
3080W (110 Vac)
Protection rating IP54
Dimensions 225x200x75 mm

Wiring diagram



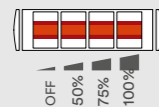
1 OUTPUT UP TO 4000W - ON/OFF AND 0-100% DIMMER FUNCTIONS

HET

110/230 Vac receiver with dimmer function for resistive and infrared heaters up to 4000W.

- Control one 4000W heater or two 2000W heaters (230 Vac)
- Control one 2000W heater or two 1000W heaters (110Vac)
- Pushbutton input for manual controls
- Controlled by wireless or wired movement sensors
- Automatic room temperature control through wired external sensor (OPTIONAL)
- Soft start: gradual start for longer life of the infrared heaters

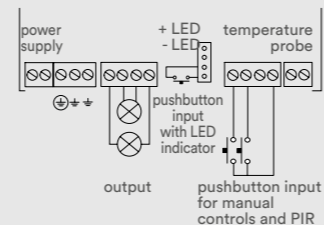
Cod: TVHET868A04



Technical specifications:

Power supply 110/230 Vac
50/60Hz
Number of outputs 1
Max. load (R)
4000W (230 Vac)
2000W (110 Vac)
Protection rating IP54
Dimensions 195x200x75 mm

Wiring diagram





CONTROL UNITS FOR ADJUSTABLE AND RETRACTABLE SLATS

Control units with minimum dimensions, easy to install and program, to manage any type of pergola.

The movement of the slats, the lighting and the sensoristics can be easily managed in a simple, coordinated way, with a single control.

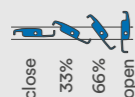


CONTROL UNIT SELECTION GUIDE

TYPE OF APPLICATION	POWER SUPPLY	OUTPUTS	TYPE OF INPUT	PRODUCT	
FOR ADJUSTABLE SLATS	24 Vdc	1 motor 24 Vdc	sensors: wind rain	 TVPLS868CS (Additional output with 24Vdc power supply) - Page 126	
			sensors: wind rain temperature	 TVPLS868TT3 - Page 126	
		1 motor 24 Vdc + LED CARD	sensors: wind rain temperature	 TVPLA868CC2L - Page 126	
	230 Vac	230 Vac	2 24 Vdc motors + LED CARD	sensors: wind rain temperature	 TVPLA868CC2S TVPLA868CC2EN (Version with encoder) - Page 127
				sensors: wind rain temperature	 TVALL868LC01 TVALL868LC01E - Page 127
			1 motor 24 Vdc + LED White+RGB	sensors: wind rain temperature	 TVPLD868C80TT3 - Page 128
			1 24 Vdc motor	2 pushbuttons sensors: wind rain temperature	 TVPLT868C80TS (Also for screen) - Page 128
			1 230 Vac motor + LED light	2 pushbuttons sensors: wind rain	 TVPLM868C80M2 (Also for screen) - Page 128
			2 230 Vac motors + LED light	2 pushbuttons sensors: wind rain temperature	 TVPLA868AC2 - Page 129
			2 230 Vac motors + LED CARD	sensors: wind rain temperature	 TVPLR868AC2 - Page 129
FOR ADJUSTABLE SLATS RETRACTABLE	230 Vac	2 230 Vac motors	2 pushbuttons sensors: wind rain temperature	 TVPLR868AC2 - Page 129	



Cod: TVPLS868CS



24 Vdc POWER SUPPLY FOR 24 Vdc 1 MOTOR WITH SECOND 24 Vdc OUTPUT

PLS

24 Vdc control unit with radio receiver to control 24 Vdc motors for adjustable slats.

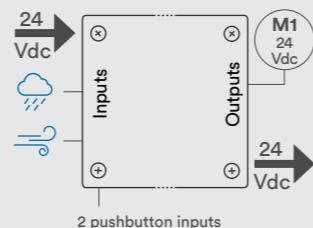
- With 24 Vdc output to power other control units and LED dimmer
- Self-learning limit switch and operating times
- Input with 2 manual buttons for separate opening and closing controls

Sensor inputs:

- Rain
- Wind

Technical specifications:

Power supply	24 Vdc
Number of outputs	2
Max. power	4,5A
Protection rating	IP54
Dimensions	160x65x40 mm



Cod: TVPLA868CC2S

Cod: TVPLA868CC2EN

(*) version with encoder



24 Vdc POWER SUPPLY FOR 2 MOTORS AND 24 Vdc LED - ENCODER TECHNOLOGY

PLA

24 Vdc control unit with radio receiver to control 24 Vdc motors for adjustable slats.

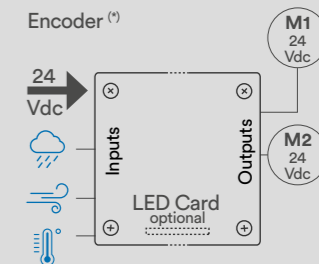
- Independent or simultaneous control of motor outputs
- Self-learning limit switch and operating times
- Automatic or manned (deadman) radio controls
- OPTIONAL: LED CARD for 1-colour, RGB or RGBW LED 24 Vdc controller

Sensor inputs:

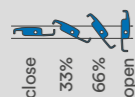
- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

Technical specifications:

Power supply	24 Vdc
Number of outputs	2
Max. power	4,5A per output
Protection rating	IP54
Dimensions	230x 70x74 mm



Cod: TVPLS868TT3



24 Vdc POWER SUPPLY PER 1 24 Vdc MOTOR

PLS

24 Vdc control unit with radio receiver to control 24 Vdc motors for adjustable slats.

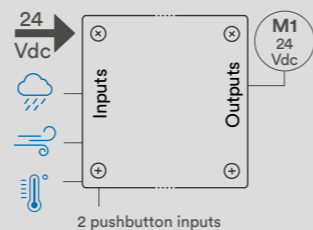
- Self-learning limit switch and operating times
- Input with 2 manual buttons for separate opening and closing controls

Sensor inputs:

- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

Technical specifications:

Power supply	24 Vdc
Number of outputs	1
Max. power	4,5A
Protection rating	IP54
Dimensions	160x65x40 mm



Cod: TVALL868LC01

Cod: TVALL868LC01E

version with encoder

230 Vac POWER SUPPLY FOR 1 MOTOR AND 24 Vdc LED - INTEGRATED POWER SUPPLY UNIT

TVALL

230 Vac control unit with radio receiver to control 1 24 Vdc motor and 24 Vdc 1-colour and RGB LED.

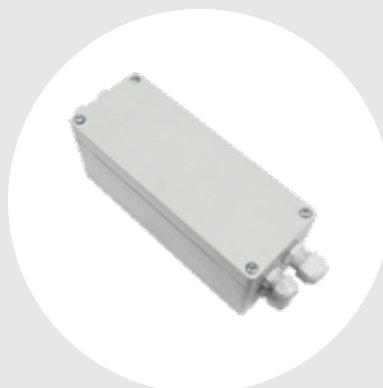
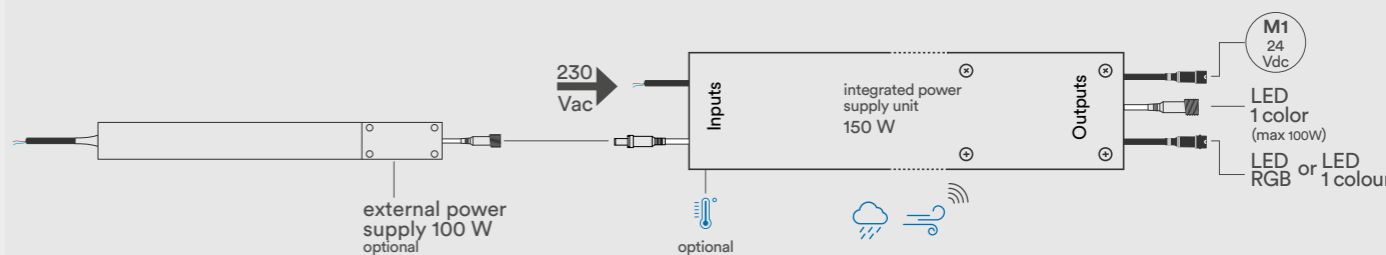
- 150W integrated power supply unit
- Self-learning limit switch and operating times
- Automatic or manned (deadman) radio controls
- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- It memorises the light level of the last time it was switched on (Light memory)
- Optional: external temperature probe

Inputs via radio for sensors:

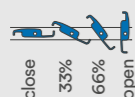
- Rain
- Wind

Technical specifications:

Power supply	230Vac
Number of outputs	3
Max. power	150W + 100W
Max. power LED output	140W
Protection rating	IP54
Dimensions	500x54x25 mm



Cod: TVPLA868CC2L



24 Vdc POWER SUPPLY FOR 2 24 Vdc MOTORS OR 1 24 Vdc MOTOR AND 24 Vdc LED

PLA

24 Vdc control unit with radio receiver to control 24 Vdc motors for adjustable slats.

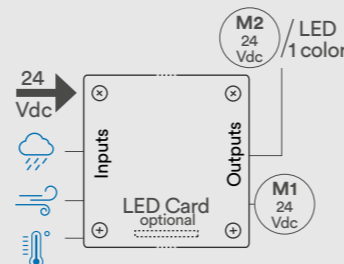
- Independent or simultaneous control of motor outputs
- Self-learning limit switch and operating times
- Automatic or manned (deadman) radio controls
- OPTIONAL: LED CARD for 1-colour, RGB or RGBW LED 24 Vdc controller
- The second output can be used to connect a second motor or LED lights

Sensor inputs:

- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

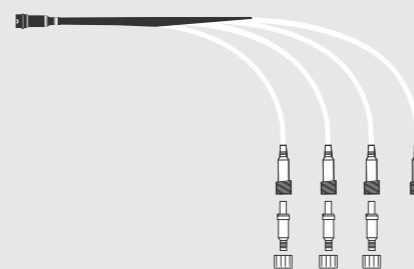
Technical specifications:

Power supply	24 Vdc
Number of outputs	2
Max. power	4,5A per output
Max. power LED output	4A per output
Protection rating	IP54
Dimensions	230x70x74 mm

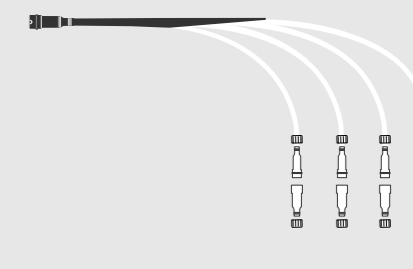


CABLES AVAILABLE

Cable with 4 connectors for 1-colour LED
Cod: SPT050034



Cable with 4 connectors for RGB LED
Cod: SPT050416

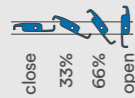


230 Vac POWER SUPPLY FOR 1 24 Vdc MOTOR - INTEGRATED POWER SUPPLY UNIT



POWER SUPPLY UNIT
INTEGRATED
80 W

Cod: TVPLD868C80TT3



PLD

230 Vac control unit with radio receiver to control 24 Vdc motors for adjustable slats.

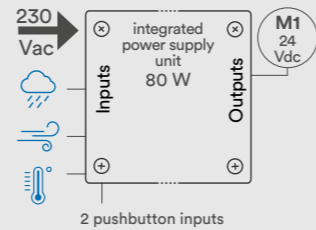
- 80 W integrated power supply unit
- Self-learning limit switch and operating times
- Input with 2 manual buttons for separate opening and closing controls

Sensor inputs:

- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

Technical specifications:

Power supply	230 Vac
Number of outputs	1
Max. power	3A
Protection rating	IP54
Dimensions	230x70x74 mm

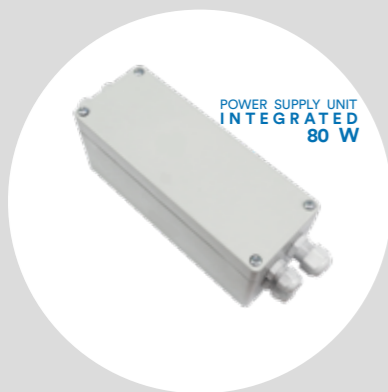


2 pushbutton inputs

CONTROL UNITS FOR ADJUSTABLE SLATS

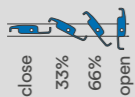
FOR 230 Vac MOTORS

230 Vac POWER SUPPLY FOR 1 230 Vac MOTOR + 24 Vdc LED - INTEGRATED POWER SUPPLY UNIT



POWER SUPPLY UNIT
INTEGRATED
80 W

Cod: TVPLT868C80TS



PLT

230 Vac control unit with radio receiver to control 230 Vac motors for adjustable slats and awnings.

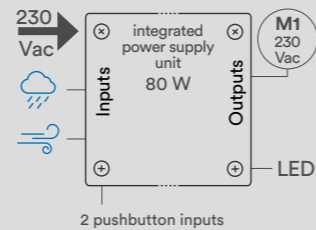
- 80 W integrated power supply unit
- 24 Vdc 1-colour LED controller (70W)
- Input with 2 manual buttons for separate opening and closing controls

Sensor inputs:

- Rain
- Wind

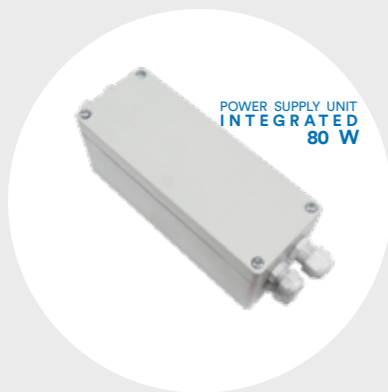
Technical specifications:

Power supply	230 Vac
Number of outputs	2
Max. power motor	350W
Max. power LED output	70W
Protection rating	IP54
Dimensions	230x 70x74 mm



2 pushbutton inputs

230 Vac POWER SUPPLY FOR 2 230 Vac MOTORS + 24 Vdc LED - INTEGRATED POWER SUPPLY UNIT



POWER SUPPLY UNIT
INTEGRATED
80 W

Cod: TVPLM868C80M2



PLM

230 Vac control unit with radio receiver for control of 230 Vac motors for combined applications of adjustable profiles and screens.

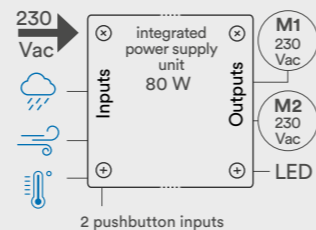
- 1 motor output for adjustable slats
- 1 motor output for the independent control of screens
- 80 W integrated power supply unit
- 24 Vdc 1-colour LED controller (70W)
- Run-time configuration for adjustable slats
- Input with 2 manual buttons for separate opening and closing controls

Sensor inputs:

- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

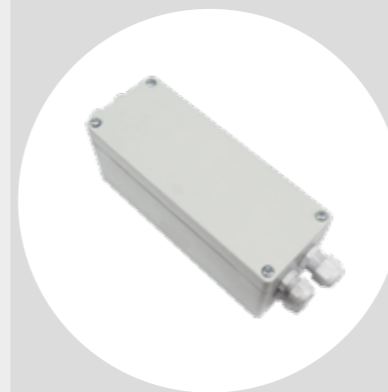
Technical specifications:

Power supply	230 Vac
Number of outputs	2
Max. power motors	350W per output
Max. power LED output	70W
Protection rating	IP54
Dimensions	230x 70x74 mm

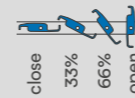


2 pushbutton inputs

230 Vac POWER SUPPLY FOR 2 230 Vac MOTORS + 24 Vdc LED



Cod: TVPLA868AC2



PLA

230 Vac control unit with radio receiver to control 230 Vac motors for adjustable slats.

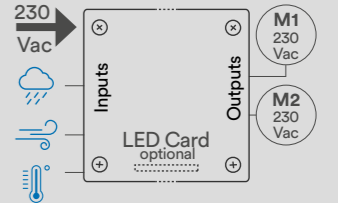
- Independent or simultaneous control of motor outputs
- Self-learning limit switch and operating times
- Automatic or manned (deadman) radio controls
- OPTIONAL: LED CARD for 1-colour, RGB or RGBW LED 24 Vdc controller

Sensor inputs:

- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

Technical specifications:

Power supply	230 Vac
Number of outputs	2
Max. power motors	350W per output
Protection rating	IP54
Dimensions	230x 70x74 mm



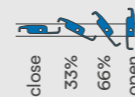
CONTROL UNIT FOR ADJUSTABLE AND RETRACTABLE SLATS

FOR 230 Vac MOTORS

230 Vac POWER SUPPLY FOR 2 230 Vac MOTORS + 24 Vdc LED



Cod: TVPLR868AC2



PLR

230 Vac control unit with radio receiver to control 230 Vac motors for adjustable and retractable slats.

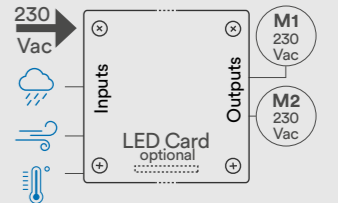
- Self-learning limit switch and operating times
- Automatic or manned (deadman) radio controls
- OPTIONAL: LED CARD for 1-colour, RGB or RGBW LED 24 Vdc controller

Sensor inputs:

- Rain
- Wind
- Temperature
- Combination of temperature and rain sensors to detect snow and frost

Technical specifications:

Power supply	230 Vac
Number of outputs	2
Max. power motors	350W per output
Protection rating	IP54
Dimensions	230x 70x74 mm





LED CARD 1-COLOUR LED DIMMER

**Plug-in board controlling 24 Vdc 1-colour LED.
Compatible with PLA control units.**

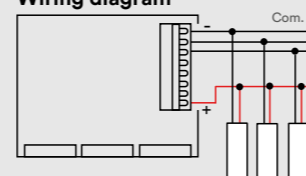
- ON/OFF and DIMMER function
- Controlled by wireless transmitters
- 3 outputs with independent or synchronized control
- Maximum power applicable to the PLA control unit (with motors and LED lights): 240W

Cod: TVSTRD00PSI24

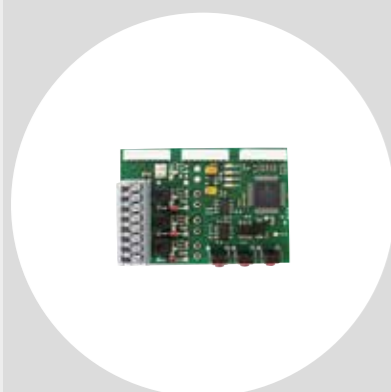
Technical specifications:

Power supply 24 Vdc from control unit
Number of outputs 3
Max. power 60W per output
Dimensions 65x45 mm

Wiring diagram



Plug-in connector for PLA control unit
Maximum power of PLA control unit (with motors and LED lights): 240W



LED CARD RGB LED DIMMER

**Plug-in board controlling 24 Vdc RGB LED (red, green, blue).
Compatible with PLA control units.**

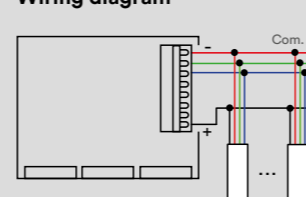
- ON/OFF and DIMMER function
- Controlled by wireless transmitters
- Pre-set 8 colours
- Automatic colour cycle function
- Maximum power applicable to the PLA control unit (with motors and LED lights): 240W

Cod: TVRGB00PSI24

Technical specifications:

Power supply 24 Vdc from control unit
Number of outputs 3
Max. power 60W per output
Dimensions 65x45 mm

Wiring diagram



Plug-in connector for PLA control unit
Maximum power of PLA control unit (with motors and LED lights): 240W



LED CARD RGB+W LED DIMMER

**Plug-in board controlling 24 Vdc RGBW LED (red, green, blue, white).
Compatible with PLA control units.**

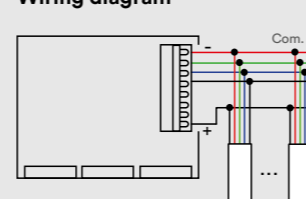
- Controls the RGB and WHITE outputs independently thanks to the separate memorization of the transmitter channels
- ON/OFF and DIMMER function
- Controlled by wireless transmitters
- Pre-set 8 colours
- Automatic colour cycle function
- Maximum power applicable to the PLA control unit (with motors and LED lights): 240W

Cod: TVRGBW00PSI24

Technical specifications:

Power supply 24 Vdc from control unit
Number of outputs 4
Max. power 60W per output
Dimensions 65x45 mm

Wiring diagram



Plug-in connector for PLA control unit
Maximum power of PLA control unit (with motors and LED lights): 240W



CONTROL UNIT SELECTION GUIDE

TYPE OF APPLICATION	POWER SUPPLY	OUTPUTS	TYPE OF INPUT	PRODUCT
FOR SCREENS AND LEANING FABRIC ROOFS	230 Vac	1 motor 230 Vac		 TVPRS868A04B - Page 134
		4 230 Vac motors	sensors: wind	 TVPL4868AC4 - Page 134
FOR FOLDING ARM AWNINGS	230 Vac	1 230 Vac motor	sensors: wind rain	 TVPLT868C80TS - Page 134
FOR FOLDING ARM AWNINGS AND LEANING FABRIC ROOFS	230 Vac	1 or 2 motors 230 Vac + 24 Vdc light	sensors: wind rain	 TVALL868LM01 (1 motor version) TVALL868LM02 (2 motors version) - Page 135
POWER SUPPLY UNIT FOR LED OF FOLDING ARM AWNINGS	230 Vac	24Vdc LED lights		 TUBELITE868A10 (60W version) TUBELITE868A11 (100W version) - Page 135

CONTROL UNITS FOR FOLD-BACK PERGOLAS WITH FABRIC, ARM AND VERTICAL AWNINGS

A unique, completely concealed system, to manage the movement and lights of any awning. The installer's work is simplified thanks to the easy programming and wireless communication that drastically reduces installation times.





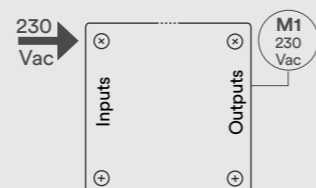
230 Vac POWER SUPPLY FOR 1 230 Vac MOTOR

PRS

230 Vac control unit with radio receiver to control 230 Vac motors for screens and leaning fabric roofs.

Technical specifications:

Power supply	230 Vac
Number of outputs	1
Max. power	350W
Protection rating	IP54
Dimensions	115x65x40 mm



Cod: TVPRS868A04B

230 Vac POWER SUPPLY FOR 4 230 Vac MOTORS

PL4

230 Vac control unit with radio receiver to control 230 Vac motors for screens.

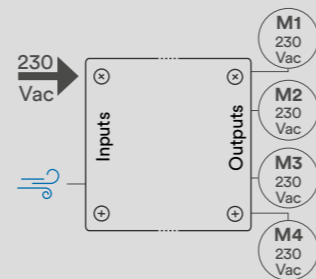
- Independent or synchronised control of 4 motors
- Automatic or manned (deadman) radio controls
- Configuration of the limit switches for electronic motors

Sensor inputs:

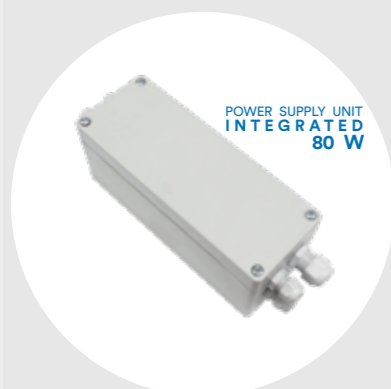
- Wind

Technical specifications:

Power supply	230 Vac
Number of outputs	4
Max. power	350W per output
Protection rating	IP54
Dimensions	230x 70x74 mm



Cod: TVPL4868AC4



230 Vac POWER SUPPLY FOR 2 230 Vac MOTORS AND 24 Vdc LED

PLT

230 Vac control unit with radio receiver to control 230 Vac motors for adjustable slats and awnings.

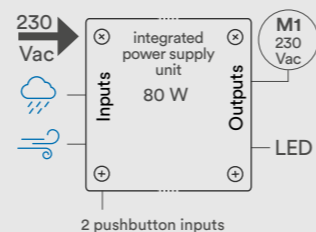
- 80W integrated power supply unit for 24 Vdc1-colour LED
- 24 Vdc 1-colour LED controller (70W)
- Input with 2 manual buttons for separate opening and closing controls

Sensor inputs:

- Rain
- Wind

Technical specifications:

Power supply	230 Vac
Number of outputs	1
Max. power motor	350W
Max. power LED output	70W
Protection rating	IP54
Dimensions	230x 70x74 mm



Cod: TVPLT868C80TS



230 Vac POWER SUPPLY FOR 2 MOTORS AND 24 Vdc LED - INTEGRATED POWER SUPPLY UNIT

TVALL

230 Vac control unit with radio receiver to control 2 230 Vac motors and 24 Vdc LED

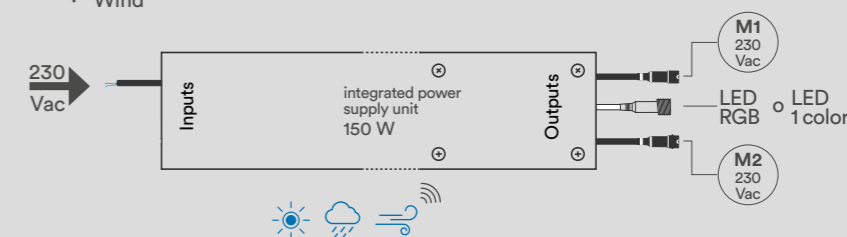
- 150W integrated power supply unit
- Self-learning limit switch and operating times
- Automatic or manned (deadman) radio controls
- If controlled with 7-channel wireless transmitter, you can choose from 8 pre-set colours (changeable at any time) or activate the automatic colour cycle
- Selection through RGB LED or 1 colour output buttons.
- It memorises the light level of the last time it was switched on (Light memory)

Inputs via radio for sensors:

- Light
- Rain
- Wind

Technical specifications:

Power supply	230Vac
Number of outputs	3
Max. power	150W
Max. power LED output	140W
Protection rating	IP54
Dimensions	500x54x25 mm



Cod: TVALL868LM02

2 motors version

Cod: TVALL868LM01

1 motor version



230 Vac POWER SUPPLY FOR 24 Vdc 1-COLOUR LED

TUBELITE

Dimmer with radio receiver and built-in power supply for the 24 Vdc 1-colour LED command. To be installed in the sun blind roller tube.

- Integrated 230 V power supply unit
- 24 Vdc output (60/100W) for LED light
- Pushbutton input for manual controls or 1-10V devices
- Remote programming by transmitter
- Possibility to memorize up to 42 transmitters
- If controlled by a 7-channel transmitter, it is possible to pre-set 4 light scenes

Technical specifications:

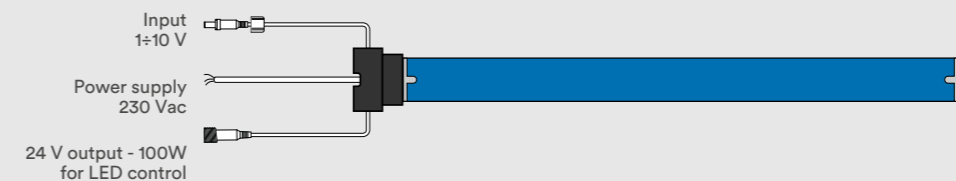
Power supply	200-240 Vac
Number of outputs	1 (24 Vdc), 60/100W
Protection rating	IP44
Dimensions	570x Ø55 mm

Cod: TUBELITE868A10

60W version

Cod: TUBELITE868A11

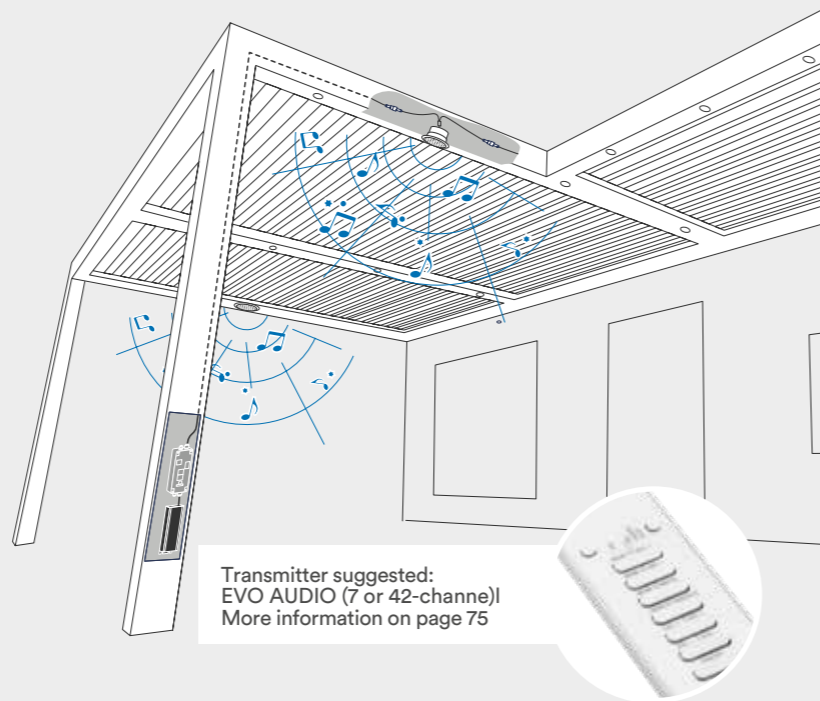
100W version





MELODY AUDIO SYSTEM

The perfect atmosphere with Melody. It plays the music of your playlist from your Smartphone.



MELODY - THE AUDIO KIT FOR LISTENING TO YOUR MUSIC OUTDOORS



Cod: TVAU868A01
version only with Bluetooth

12/24 Vdc system for controlling audio sources via Bluetooth. Ideal for outdoor installations.

- Direct connection to the audio sources of your own Smartphone or tablet via Bluetooth
- Remote control with handheld Evo Audio 7 or 42 channel transmitter (more information on page 75)

Technical specifications:
Power supply 12/24 Vdc
Number of outputs 2
Protection rating IP54
Dimensions 230x70x50 mm

Optional (*)



Recessed speaker

Technical specifications:
Protection rating IP65
Cut out Ø 74 mm

- Cod: DIFF-8CW** white, 8 Ohm, max. power 25W
- Cod: DIFF-4CW** white, 4 Ohm, max. power 15W
- Cod: DIFF-8CB** black, 8 Ohm, max. power 25W
- Cod: DIFF-4CB** black, 4 Ohm, max. power 15W



Cod: TVAU868A02
version with Bluetooth, FM and USB

12/24 Vdc system for controlling audio sources via Bluetooth, FM radio or USB by wireless transmitter. Ideal for outdoor installations.

- Direct connection to the audio sources of your own Smartphone or tablet via Bluetooth, FM radio or USB
- Possibility of storing up to 4 FM radio stations
- Remote control with handheld Evo Audio 7 or 42 channel transmitter (more information on page 75)

Technical specifications:
Power supply 12/24 Vdc
Number of outputs 2
Protection rating IP54
Dimensions 230x70x50 mm

Optional (*)

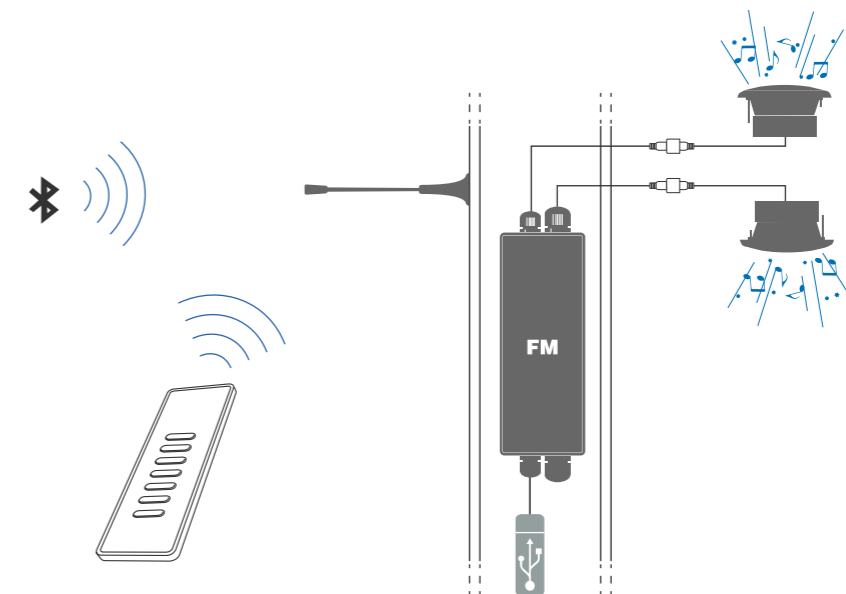


Recessed speaker

Technical specifications:
Protection rating IP65
Cut out Ø 74 mm

- Cod: DIFF-8CW** white, 8 Ohm, max. power 25W
- Cod: DIFF-4CW** white, 4 Ohm, max. power 15W
- Cod: DIFF-8CB** black, 8 Ohm, max. power 25W
- Cod: DIFF-4CB** black, 4 Ohm, max. power 15W

INSTALLATION



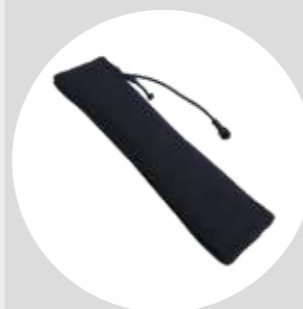


LED CONTROL FOR SUNSHADES

A complete, practical lighting system, easy to install thanks to the waterproof case which is attached to the sunshade and can be removed at any time.



OMBREON KIT - BATTERY-OPERATED 12 Vdc DIMMABLE LED LIGHTS KIT



Case containing a battery and a radio receiver with DIMMER function

1 battery and 1 radio receiver with DIMMER function for 12 Vdc 1-Colour LED. They are placed inside a case that has a non-slip fastening for umbrella pole.

Technical specifications:

Battery duration	20 h
Protection rating	IP54



MIO - Hand transmitter

Black, handheld, pre-programmed mini 2-channel transmitter.



LACTEA - 4 LED PROFILES

- Neutral white light
- 4 aluminium LED bars
- Wall fixing support
- Supplied with cable (30cm) and IP65 connection

Technical specifications:

Length 30 cm	530 mm
Protection rating	IP65



Cable

Connecting cable for 4 LED profiles

Technical specifications:

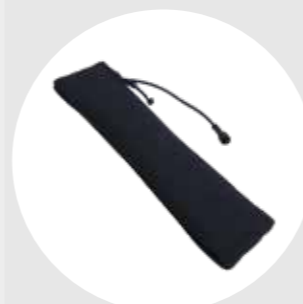
Cable length	1600 mm
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Battery charger

Battery charger with charge indicator

Cod: TVSUN868A01K

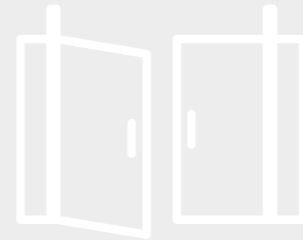


Waterproof case with a 12 Vdc replacement battery and a radio receiver

Technical specifications:

Battery duration	20 h
Protection rating	IP54

Cod: TVSUN868A01



CONTROL UNITS FOR ROLLER SHUTTER DOORS AND GATES

A complete line of products to control gates, doors and access points of large residential complexes.



230 Vac CONTROL UNIT

FOR ROLLER SHUTTER DOORS



1 OUTPUT UP TO 700W, BIDIRECTIONAL

RDS

230 Vac control unit to control motors for roller shutter doors up to 700W.

- 3 buttons and LED on the front to control the doors, the control panel and to display the status of the door and peripheral devices
- Integrated courtesy light
- Controlled by wireless transmitters
- 2 modes of control: automatic (with automatic closing with programmable pause time) semi-automatic (without automatic closing)

Inputs

- Photocells
- Resistive safety (8K2) or wired infrared safety edge
- Manual pushbuttons
- Emergency STOP push-button

Output

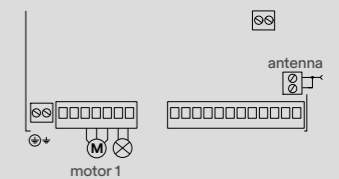
- Flashing light (230 Vac - max. 300W)

Cod: TVRDS868B01

Technical specifications:

Power supply	230 Vac
Number of outputs	1
Max. power	700W
Protection rating	IP20
Dimensions	220x165x65 mm

Wiring diagram



SAFETY SYSTEMS

FOR ROLLER SHUTTER DOORS



KIT FOR CONTROL SAFETY EDGES

BST-S24S

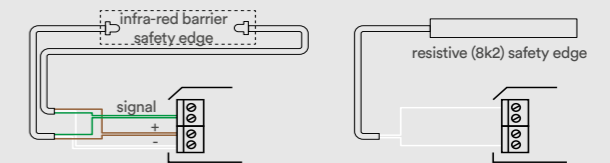
SLAVE device to be fixed on the door and to be connected to the photocell of the safety edge. If an obstruction is detected (people, animals, things) the SLAVE device immediately sends a signal to the MASTER that will instantly stop the door.

Cod: BST-S24S

Technical specifications:

Frequency	2,4 GHz
Power supply:	
Lithium battery	2 x 3,6V ± 10%
or	
Alkaline battery	2 x 1,5V AA
Protection rating	IP54
Dimensions	225x40x20 mm

Wiring diagram



RADIO CONTROLS

HAND TRANSMITTER



MIO

2 or 4-channel hand transmitter. Black and satin-finished aluminium.

Cod: TVMIO868A02
2-channel version
Cod: TVMIO868A04
4-channel version

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20

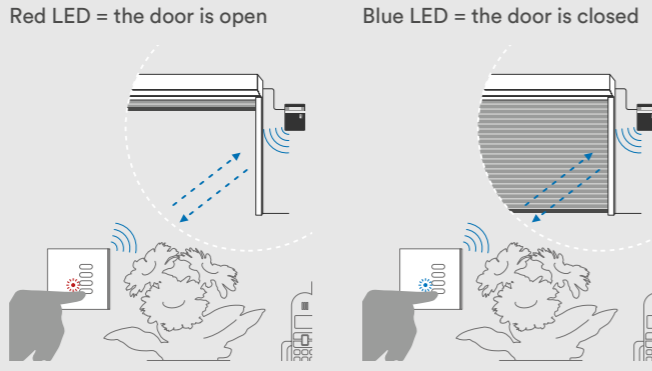


4-BUTTON TRANSMITTER, BIDIRECTIONAL FOR CONTROL OF RDS CONTROL UNIT

INTENSE ASK ME

4-channel wireless bidirectional wall transmitter. Just press the "Ask" pushbutton for door status feedback.

Technical specifications:
 Power supply 3V ± 10%
 Lithium battery CR2430
 Protection rating IP20
 Dimensions 86x86x9,5 mm



Cod: TRTXI868BB04
white polycarbonate

230 Vac CONTROL UNIT

FOR ROLLER SHUTTER DOORS



1 OUTPUT UP TO 400W

PRP

230 Vac control unit to control tubular motors up to 400W.

Modes of control:

- Automatic (with automatic closing)
- Semi-automatic (without automatic closing)

Inputs

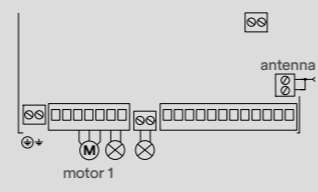
- Photocells
- Resistive safety (8K2) or wired infrared safety edge
- Manual pushbuttons
- Emergency STOP push-button

Output

- Flashing light (230 Vac - max. 300W)
- Courtesy light (230 Vac - max. 60W)

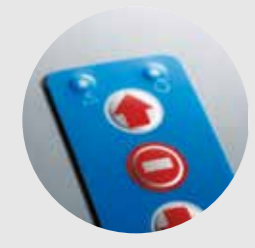
Technical specifications:
 Power supply 230 Vac
 Number of outputs 1
 Power output 400W
 Protection rating IP54
 Dimensions 205x145x85 mm

Wiring diagram



Cod: TVPRP868A08R

ADDITIONAL COMPONENTS FOR PRP CONTROL UNIT



Tastiera



Tasto



Cavo



Luce



BST-S24S

BST-S24S

SLAVE device to be fixed on the door and to be connected to the photocell of the safety edge. If an obstruction is detected (people, animals, things) the SLAVE device immediately sends a signal to the MASTER that will instantly stop the door.

Technical specifications:
 Frequency 2,4 GHz
 Power supply 2 × 3,6V ± 10%
 Lithium battery 2 × 1,5V AA
 Protection rating IP54
 Dimensions 225x40x20 mm

ACCESSORIES

ROLLER SHUTTER DOORS



PHOTOCELLS WITH SELF-BALANCING ADJUSTMENT

TPS

Pair of photocells with 10,5m cable consisting of:

- IR transmitter photocell with self-balancing adjustment. Diameter: 11,5mm
- IR receiver with 0,5m cable. Diameter: 11,5mm.

Technical specifications:
 Max. range 10 m
 Protection rating IP65

Cod: TPS-SW12LP

PHOTOCELL



FTC

Photocell that detects obstacles within the range of the automation.

When it detects an obstacle, the photocell sends a signal to the control unit that stops the movement of the automation for the maximum safety of people and objects.

Technical specifications:
 Power supply 12/24 Vdc
 Max. range 10 m
 Max. power at the 24 Vdc relay 60VA, 30W
 Dimensions 60x90x25 mm

Cod: FTC010A01

SPIRAL CABLE



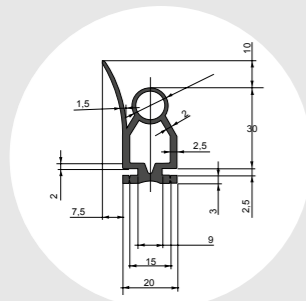
TPS

6.5 m spiral cable with junction box.

Cod: TPS-001JB

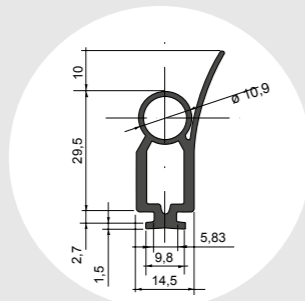
SAFETY EDGE RUBBER PROFILE

TPS



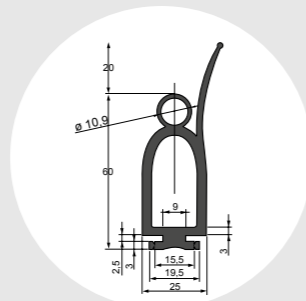
Rubber profile h= 30mm (price per meter - 25m reel). Profile for mounting on the aluminium guide or on the door profile. Sealing lip, rip-off foot from 20 to 15mm.

Cod: TPS-PA204001



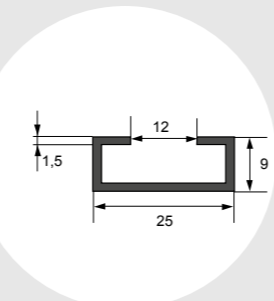
Rubber profile h= 29,5mm (price per meter - 50m reel). Profile for mounting on the aluminium guide or on the door profile. Sealing lip, rip-off foot from 14,5 to 9,8mm.

Cod: TPS-PV154000



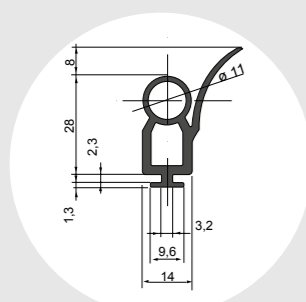
Rubber profile h= 55mm (price per meter - 22m reel). Profile for mounting on the aluminium guide or on the door profile. Sealing lip, rip-off foot from 25 to 19,5mm.

Cod: TPS-PA257501



Aluminium guide (pieces of 2,5m - price per meter)

Cod: TPS-ALU2509



Rubber profile h= 28mm (price per meter - 50m reel). Profile for mounting on the aluminium guide or on the door profile. Sealing lip, rip-off foot from 9,6 to 7,5mm.

Cod: TPS-PV143601



Cod: TPS-OSE-B3512
Bumper for safety edge TPS-PV14360 and PV154000

Cod: TPS-OSE-B3516
Bumper for safety edge TPS-PA204001

Cod: TPS-OSE-B3518
Bumper for safety edge TPS-PA257501

SAFETY SYSTEMS

FOR ROLLER SHUTTER DOORS

WIRELESS SHOCK SENSOR



SSH

Detects abrupt movements.

The wireless shock sensor, with buzzer included, located on the roller shutter warns via radio of the attempt to break in. Supplied with sensitivity adjustment.

Compatible with:

- TVRDS868B01 (more information on page 141)
- TVPRP868A08R (more information on page 142)

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2430
Protection rating	IP44
Dimensions	80x40x15 mm

Cod: TVSSH868A01KIT

SAFETY SYSTEMS FOR INDUSTRIAL DOORS

RADIO SAFE KIT



Cod: RCSP240A04
master

Cod: TCSP240C04
slave

The system consists of a MASTER to be connected to the motor control unit, and of a SLAVE transceiver to be placed onto the entry door and connected to the safety edge.

Communication between these two devices is wireless so that the spiral cable is unnecessary.

The SLAVE device connected to the safety edge photocell transmits information to the MASTER, allowing to make the entry door motion range safe. If an obstacle is detected (persons, animals, things), the SLAVE device instantaneously sends a signal to the MASTER connected to the control unit, which immediately blocks the entry door.

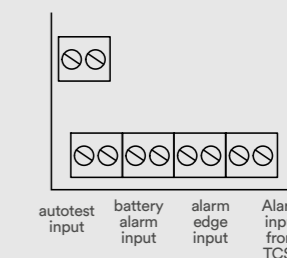
System only suitable for connections with control units with autotest.

According to EN ISO 13849-1

Technical specifications: MASTER

Power supply	12/24 V
Voltage	30 V
Current	1 A
Reception Frequency	2.4 GHz
Dimensions	118x52x25 mm

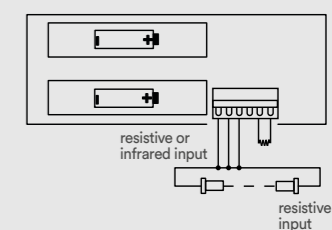
Wiring diagram



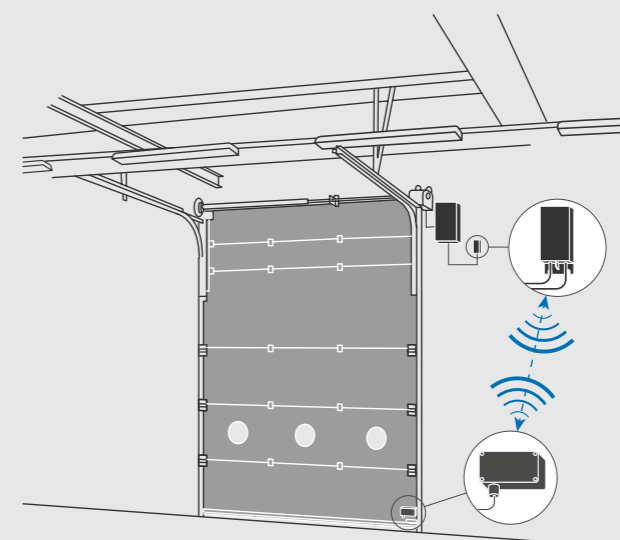
Technical specifications: SLAVE

Power supply	3,6 V
Reception Frequency	2.4 GHz
Dimensions	115x65x40 mm

Wiring diagram



Radio Safe Kit
Interaction schema between
MASTER and SLAVE





4 OUTPUTS WITH SELECTABLE MODES

RCE

12/24 Vac/dc radio receiver with 4 wireless outputs for controlling automated devices, set up for insertion of 4 channel modules

- Pulse/ON-OFF (MC001) or timed channel modules (MCTIM)
- 1 pulse/ON-OFF channel module provided

Optional



Pulse channel module

Cod: MC001



Timed channel module

Cod: MCTIM

Cod: TVRCE868A01

Cod: TVRCV868A01

230 Vac power supply

Technical specifications:

Power supply	12/24 Vac/dc
Number of outputs	4
Max. power at the relay	1 A
Protection rating	IP54
Dimensions	137×96×46 mm

Wiring diagram



2 OUTPUTS 2 IMPULSIVE OUTPUTS

RCM

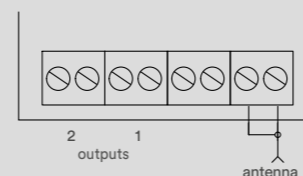
12/24 Vac/dc radio receiver with 2 potential free outputs for controlling automated devices in compact container.

- Can manage up to 42 transmitters
- Executes pulse function

Technical specifications:

Power supply	12/24 Vac/dc
Number of outputs	2
Max. power at the relay	1 A
Protection rating	IP54
Dimensions	60×90×26 mm

Wiring diagram



Cod: TVRCM868A02

GSM RECEIVER FOR CONTROL OF AUTOMATED SYSTEMS

1 OUTPUT

GSM

GSM receiver for the independent control of 1 relay contact (N.O. or N.C., 10A) with no potential. It is ideal for DIN rail.

Via telephone call

- The unit can memorise up to 300 phone numbers with output activation function

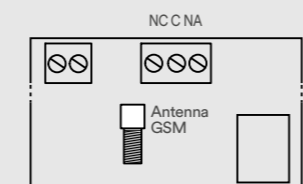
With SMS (password protected)

- Programmable modes of output activation: ON/OFF, pulse, timed (from 0 to 9999 sec.)
- Remote output activation/deactivation and status request
- Insertion/cancellation of enabled telephone numbers and transmitters

Technical specifications:

Power supply	230 Vac
Number of outputs	1
GSM	Quad-band
Max. power (R)	10A
Protection rating	IP20
Dimensions	90×71×60 mm

Wiring diagram



Cod: GSM700

2 OUTPUTS, 2 INPUTS FOR WIRED ALARMS, RADIO RECEIVER

GSM

GSM receiver for control of 2 relay contacts (N.O. or N.C., 10A) with no potential. It is ideal for DIN rail.

- 2 inputs (N.O. or N.C.) for connecting wired alarms
- An SMS or telephone call is sent confirming the successful activation of the inputs
- Integrated radio receiver for output activating from transmitter
- Possibility to memorize up to 100 transmitters
- Management software (input and output configuration; insertion/cancellation of telephone numbers and transmitters; test) downloadable from the reserved area of the website www.telecoautomation.com

Via telephone call

- The unit can memorise up to 300 phone numbers with output activation function

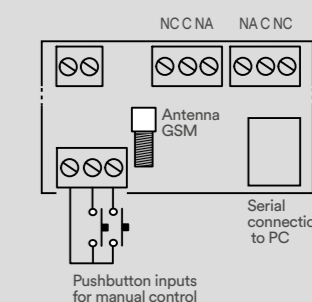
With SMS (password protected)

- Programmable modes of output activation: ON/OFF, pulse, timed (from 0 to 9999 sec.)
- Remote output activation/deactivation and status request
- Insertion/cancellation of enabled telephone numbers and transmitters

Technical specifications:

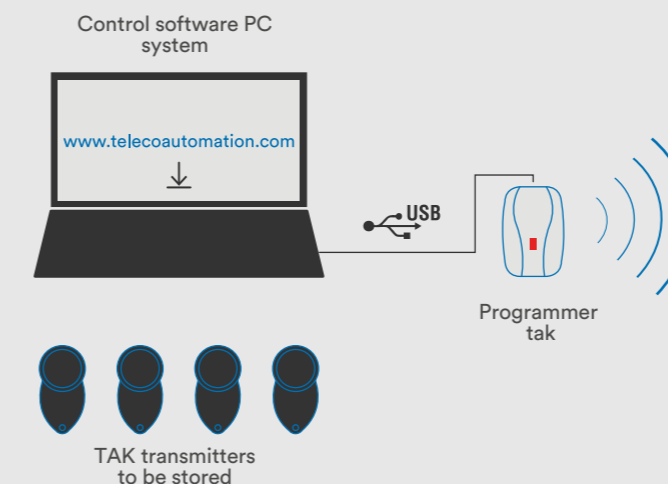
Power supply	230 Vac
Number of outputs	2
GSM	Quad-band
Max. power (R)	10A per output
Protection rating	IP20
Dimensions	90×71×60 mm

Wiring diagram



Cod: TVGSM800

TAK - ACCESS MANAGEMENT SYSTEM



The TAK access control system is a highly flexible solution.

The receiver allows to control 4 outputs and manage from 1 to 2000 transmitters

The simple-to-use TAK system allows:

- adding and/or replacing transmitters
- disabling transmitters in case of loss
- modifying transmitter channels with no need for actually going to the residential complex where the receiver is installed
- extremely safe, the TAK system is equipped with a sophisticated password protection to shield the opening and closing system from any undesired intrusion

Devices that make up the TAK system:



PC software
downloadable from:
www.telecoautomation.com



USB programmer



receiver



hand transmitter



TRANSMITTER

TAK - TXP

Mini wireless transmitter with fixing support.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	60x30x10 mm

Cod: TAK868A01

1-channel

Cod: TAK868A02

2-channel

Cod: TAK868A04

4-channel



USB PROGRAMMER

TAK

USB programmer to set the memory of the transmitters and receivers.

- To be connected to the PC through USB cable
- Management via PC by dedicated software (downloadable from www.telecoautomation.com / Reserved Area)
- One USB cable and 1 230 Vac power supply unit included

Technical specifications:

Power supply	24 Vdc
Maximum power	4,5A
Protection rating	IP54
Dimensions	185x70x56 mm

Cod: TAKUSB001



RECEIVER

TAK - 4 OUTPUTS

4-channel outdoor receiver with display. Power supply 230 Vac, memory up to 2000 transmitters. Each relay can be programmed with impulsive, ON/OFF or timed output.

Technical specifications:

Power supply	230 Vac
Max. power at the replay with resistive load:	
Voltage	30 Vac
Current	1A
Protection rating	IP54
Dimensions	137x96x46 mm

OPTIONAL: Programmable memory module for 2000 users

Code: TAKMEM2000

Cod: TAKRCV868A04

Cod: TAKRCE868A04

12/24V version



RECEIVER

TAK - 2 OUTPUTS

2-channel mini outdoor receiver. 12-24 V power supply. Relay with impulsive function. Memory up to 42 users (not programmable).

Technical specifications:

Power supply	12/24 Vac/dc
Max. power at the replay with resistive load:	
Voltage	30 Vac
Current	1A
Protection rating	IP54
Dimensions	60x90x26 mm

OPTIONAL: Programmable memory module for 2000 users

Cod: TAKMEM2000B

Cod: TAKRCM868A02



RECEIVER

TAK - 2 OUTPUTS

2-channel mini outdoor receiver. 12-24 V power supply. Memory up to 2000 transmitters included. Relay with impulsive function (programmable).

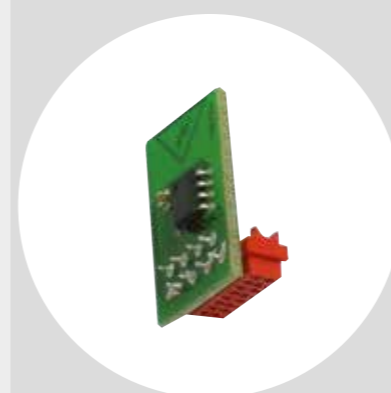
Technical specifications:

Power supply	12/24 Vac/dc
Max. power at the replay with resistive load:	
Voltage	30 Vac
Current	1A
Protection rating	IP54
Dimensions	118x52x25 mm

OPTIONAL: Programmable memory module for 2000 users

Cod: TAKMEM2000B

Cod: TAKRCM868A04



MEMORY

TAK

Programmable replacement memory module for 2000 users.

Cod: TAKMEM2000

Compatible with:

TAKRCV868A04

TAKRCE868A04

Cod: TAKMEM2000B

Compatible with:

TAKRCM868A02

TAKRCM868A04



**TRANSMITTER
HAND TRANSMITTER WITH WALL SUPPORT**

TXP

Mini wireless transmitter with wall fixing support.
Frequency: 433,92 MHz.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	60×30×10 mm

- Cod: TXP433A01
1-channel
- Cod: TXP433A02
2-channels
- Cod: TXP433A04
4-channels



**TRANSMITTER
HAND TRANSMITTER**

TXR

Mini wireless 2-channel transmitter. Frequency: 433,92 MHz.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	52×30×13 mm

Cod: TXR434A02



**TRANSMITTER
HAND TRANSMITTER**

TXR

Mini wireless transmitter. Frequency: 433,92 MHz.

Technical specifications:

Power supply	3V ± 10%
Lithium battery	CR2032
Protection rating	IP20
Dimensions	80×50×18 mm

- Cod: TXR433A01
1-channel
- Cod: TXR433A02
2-channel
- Cod: TXR433A04
4-channel



**TRANSMITTER
WITH KEYPAD**

TXK

Wireless keypad transmitter with a five-digit access code.
Frequency: 433,92 MHz.

Technical specifications:

Power supply	9V ± 10%
Protection rating	IP54
Dimensions	115×75×32 mm

- 4-channel, 3 of them are encoded and 1 is free
- Also available in white version



- Cod: TXK433B04
Black version
- Cod: TXK433B04WHI
White version



**RECEIVER
UP TO 85 TRANSMITTERS**

RCM

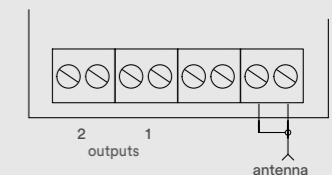
Receiver with memory to manage up to 85 transmitters.
Memory to manage up to 340 1-channel transmitters is available. Frequency: 433,92 MHz.

Technical specifications:

Power supply	12/24 Vac/dc
Max. power with resistive load:	
Voltage	30 Vac
Current	1A
Protection rating	IP54
Dimensions	60×90×26 mm

- Impulsive function.

Wiring diagram



Cod: RCM434A01



**RECEIVER
UP TO 340 TRANSMITTERS**

RCE - RCV

Receiver for control units set for the insertion of 4 impulsive relay modules. 1 is inserted and possibility to insert 3 additional ones. Frequency: 433,92 MHz.

Technical specifications:

Power supply	12/24 Vac
Max. power with resistive load:	
Voltage	30 Vac
Current	1A
Protection rating	IP54
Dimensions	137×96×46 mm

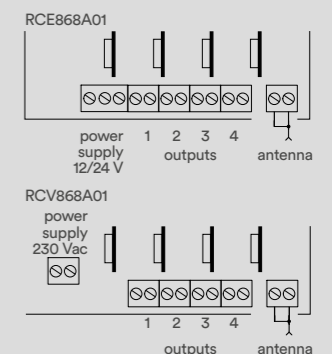
- Available memory strip up to 340 users. Memory to manage up to 340 1-channel transmitters is available.

Optional:



- Cod: MC001
Impulsive relay module
- Cod: MCTIM
Timer relay module
- Cod: MCMEM
Memory relay module

Wiring diagram



- Cod: RCE433A01
12/24 Vac version
- Cod: RCV433A01
230 V

CONNECTION



Whip aerial 433MHz with bracket and 3.5m cable.

Cod: ANT433

Technical specifications:

Frequency 433 MHz

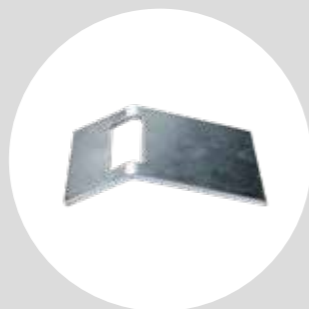
ACCESSORIES

COIL



Cod: Bobina12A
12 Vac
Cod: Bobina12C
12 Vcc
Cod: Bobina24
24 Vcc

GROUND PLATE



Cod: Inc. a terra

GATES/DOORS/ACCESS POINTS

COUNTER PLATES



Cod: Coppia Contr.

ELECTRIC LOCKS

Electric lock with 1 front cylinder and 1 rear cylinder 50 mm long.



Cod: ST46-C 5012A
with 12 Vac power supply
Cod: ST46-C 5012C
with 12 Vdc power supply
Cod: ST46-C 5024C
with 12 Vac power supply

Electric lock with 1 front cylinder and 1 rear cylinder 90 mm long.



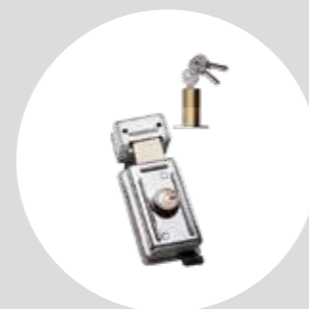
Cod: ST46-C 9012A
with 12 Vac power supply
Cod: ST46-C 9012C
with 12 Vdc power supply
Cod: ST46-C 9024C
with 24 Vdc power supply

Electric lock with front knob and 1 rear cylinder.



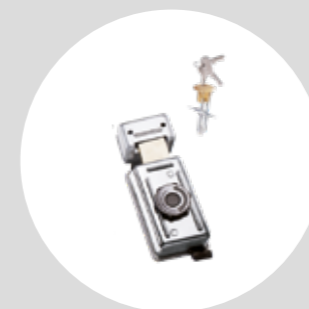
Cod: ST46-P 0012A
with 12 Vac power supply
Cod: ST46-P 0012C
with 12 Vdc power supply
Cod: ST46-P 0024C
with 24 Vdc power supply

Electric lock with front cylinder for automatic gates.



Cod: ST46-CA 0012A
with 12 Vac power supply
Cod: ST46-CA 0012C
with 12 Vdc power supply
Cod: ST46-CA 0024C
with 24 Vdc power supply

Electric lock with front knob for up-and-over doors.



Cod: ST46-B 0012A
with 12 Vac power supply
Cod: ST46-B 0012C
with 12 Vdc power supply
Cod: ST46-B 0024C
with 24 Vdc power supply

Electric lock for European profile cylinder (without cylinder).



Cod: ST46-PE 0012A
with 12 Vac power supply
Cod: ST46-PE 0012C
with 12 Vdc power supply
Cod: ST46-PE 0024C
with 24 Vdc power supply






CONTROL UNITS FOR ROLLER SHUTTERS AND VENETIAN BLINDS

Automating new or existing blinds becomes easy, economical and fast. The Teleco wireless solution does not require complex masonry or wiring. Command takes place with a simple wall-mounted, table-top or portable transmitter.



CONTROL UNIT SELECTION GUIDE

TYPE OF APPLICATION	POWER SUPPLY	INSTALLATION	PRODUCT
ROLLER SHUTTER AND VENETIAN BLIND	230 Vac	connectors Hirschmann IP 54	 TVPRS868A06 – Page 156
ROLLER SHUTTER	230 Vac	connecting box of 55 mm diameter IP 20	 TRPRD868G01T (Blue Series version) TVPRD868B01T – Page 156
		roller shutter box IP 44	 TVPRT868A01T – Page 157
			 TVPRS868A02 – Page 157
		wall-mounted IP 20	 TVPRH868A01-S – Page 157
	DIN rail IP20	 TVPRSD868A02 – Page 158	
	12 Vdc	roller shutter box IP 44	 TVPRS868A12 – Page 158
24 Vdc	 TVPRS868A24 – Page 158		
VENETIAN BLIND	230 Vac	roller shutter box IP 44	 TVPRV868A01 – Page 158
	24 Vdc		 TVPRV868A24 – Page 158



Cod: TVPRS868A06

**1 MOTOR
HIRSCHMANN CONNECTORS**

PRS

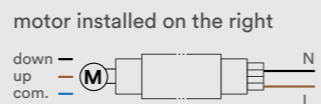
230 Vac control unit with radio receiver to control 230 Vac motors for roller shutters and Venetian blinds. Hirschmann connectors for quick coupling of the motor cable and power cable. It can be installed anywhere: truly compact for installation anywhere.

- OPEN/STOP/CLOSE function
- The memorization of wireless transmitters can be executed by means of programming magnet (provided)
- The tilt of the slats can be adjusted with short pulses (less than 700ms), whether in the opening or closing direction

Technical specifications:

Power supply	230 Vac
Number of motors	1
Max. power	350W
Protection rating	IP54
Dimensions	124x37x27 mm

Wiring diagram



1 MOTOR

PRT

230 Vac control unit with radio receiver to control 230 Vac motors for roller shutters. Can be built into the roller shutter box.

- Input for 1 dynamic pushbutton
- Cavo di alimentazione da 1 m

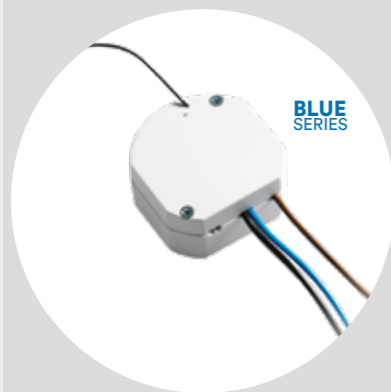
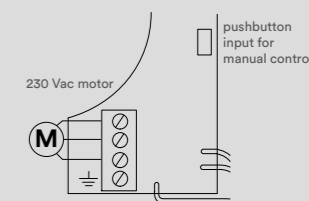


Cod: TVPRT868A01T

Technical specifications:

Power supply	230 Vac
Number of motors	1
Max. power	350W
Protection rating	IP44
Dimensions	118x20x50 mm

Wiring diagram



Cod: TRPRD868G01T

**1 MOTOR
BIDIRECTIONAL**

PRD

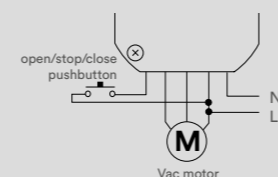
110/230 Vac control unit with radio receiver to control 110/230 Vac motors for roller shutters. It is ideal for 55mm diameter electrical boxes.

- Input for 1 dynamic or OPEN/CLOSE pushbutton
- Can be controlled by a single or dual radio channel and 3-key transmitter
- Possibility to memorize single radio channel (OPEN, STOP, CLOSE)

Technical specifications:

Power supply	110/230 Vac
Number of motors	1
Max. power motor	350W (230 Vac) 170W (110 Vac)
Protection rating	IP20
Dimensions	54x49x25 mm

Wiring diagram



1 MOTOR

PRS

230 Vac control unit with radio receiver to control 230 Vac motors for roller shutters. Can be built into the roller shutter box.

- Input with 2 manual buttons for separate opening and closing controls

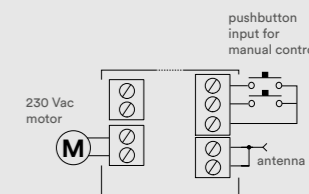


Cod: TVPRS868A02

Technical specifications:

Power supply	230 Vac
Number of motors	1
Max. power	350W
Protection rating	IP44
Dimensions	125x38x20 mm

Wiring diagram



Cod: TVPRD868B01T

1 MOTOR

PRD

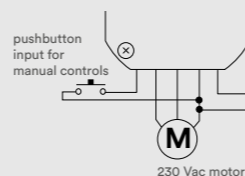
230 Vac control unit with radio receiver to control 230 Vac motors for roller shutters. It is ideal for 55mm diameter electrical boxes.

- Input for 1 dynamic pushbutton
- Can be controlled by a single or dual radio channel and 3-key transmitter
- Possibility to memorize single radio channel (OPEN, STOP, CLOSE)

Technical specifications:

Power supply	230 Vac
Number of motors	1
Max. power motor	350W
Protection rating	IP20
Dimensions	54x49x25 mm

Wiring diagram



**1 MOTOR
TOUCH**

PRH

230 Vac control unit with radio receiver and soft-touch buttons to control 230 Vac motors for roller shutters. Can be inserted in the wall box of the switch.

- It can replace the wall-mounted mechanical key without needing any building work
- Mode of operation: automatic, semi-automatic and deadman

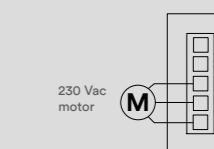


Cod: TVPRH868A01-S

Technical specifications:

Power supply	230 Vac
Number of motors	1
Max. power	350W
Protection rating	IP20
Dimensions	80x80x35 mm

Wiring diagram



2 MOTORS AND RESISTIVE LOADS



Cod: TVPRSD868A02
master

Cod: TVPRSD000M02
slave without receiver with 4 relay outputs (optional)

PRSD

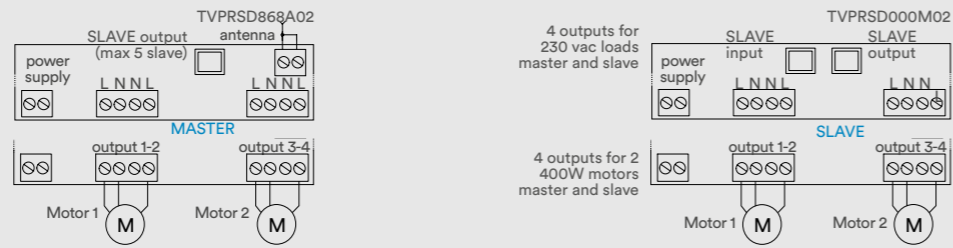
230 Vac receiver with 4 outputs, protected by fuse for the control of 2 motors for roller shutters and resistive loads up to 4000W in total. It is ideal for DIN rail.

- SLAVE devices may be connected without radio receiver to increase the number of controlled outputs
- Pulse and ON/OFF function in load control mode
- OPEN - STOP - CLOSE commands in motor control mode
- Single or group commands are possible
- Possibility to memorize up to 42 transmitters

Technical specifications:

Power supply 230 Vac
Number of outputs 4
Max. power (R) 2000W per output
Max. power for tubular motors 400W per output
Protection rating IP20
Dimensions 105x90x60 mm

Wiring diagram



CONTROL UNITS - 24 Vdc - FOR ROLLER SHUTTERS

1 MOTOR



Cod: TVPRS868A24

Cod: TVPRS868A12
version for 12 Vdc motors

PRS

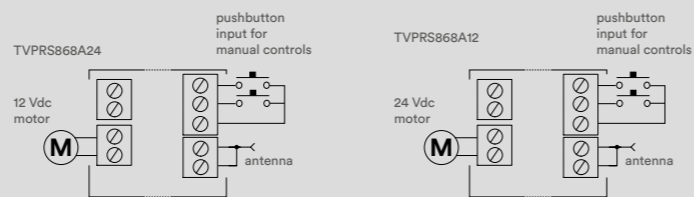
24 Vdc control unit with radio receiver to control 24 Vdc motors for roller shutters. Can be built into the roller shutter box.

- Input with 2 manual buttons for separate opening and closing controls

Technical specifications:

Power supply 24 Vdc
Number of motors 1
Max. power 4,5A
Protection rating IP44
Dimensions 125x38x20 mm

Wiring diagram



CONTROL UNITS - 230 Vac - FOR VENETIAN BLINDS

1 MOTOR



Cod: TVPRV868A01

Cod: TVPRV868A24
version for 24 Vdc motors

PRV

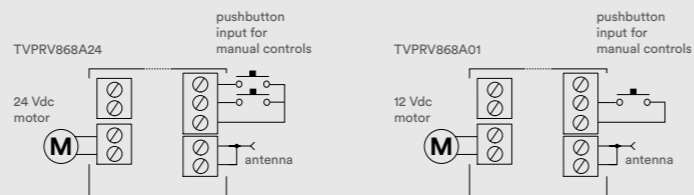
230 Vac control unit with radio receiver to control 230 Vac motors for Venetian blinds. Can be built into the Venetian blind profile.

- Input with 2 manual buttons for separate opening and closing controls
- The tilt of the slats can be adjusted with short pulses short pulses (less than 300ms), whether in the opening or closing direction

Technical specifications:

Power supply 230 Vac
Number of motors 1
Max. power 350W
Protection rating IP44
Dimensions 125x38x20 mm

Wiring diagram



SWITCHES FOR ROLLER SHUTTERS AND VENETIAN BLINDS

MECHANIC SWITCH / PUSHBUTTON



SM CUBE

1 button mechanic switch

- OPEN/STOP/CLOSE for roller shutters and blinds

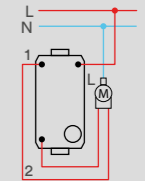
Technical specifications:

Current 16A
Dimensions 76x27x43 mm

Technical specifications:

Current 16A
Dimensions 76x62x52 mm

Wiring diagram



76x62x52 mm version



Cod: SM0062-3

Cod: SM0063-3

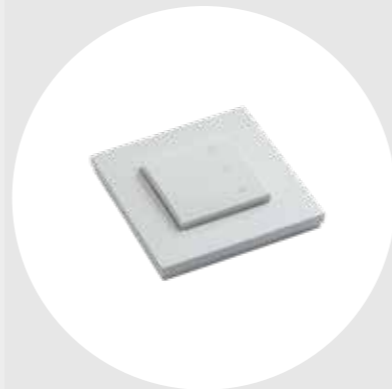
Pushbutton version

Cod: SM0062

Cod: SM0063

pushbutton version

MECHANIC SWITCH / PUSHBUTTON



SM SKIN

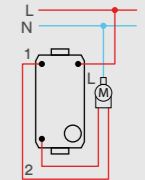
1 button mechanic switch

- OPEN/STOP/CLOSE for roller shutters and blinds

Technical specifications:

Current 16A
Dimensions 80x80x39 mm

Wiring diagram



Cod: SM0062-2

Cod: SM0063-2

pushbutton version



DIMMABLE LED LIGHTS AND POWER SUPPLY UNITS

Recessed spotlights, profiles, strips, floodlights: a wide dimmable LED range, designed for aluminum, wood and plasterboard structures. All lights have the same colour temperature to ensure a homogeneous effect in the same environment.



warm white 3000K

SPOTS FOR ALUMINUM STRUCTURES

REGULUS



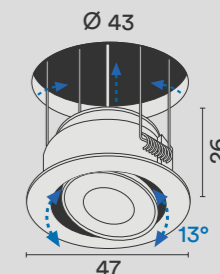
- Adjustable by +/- 13°
- Mounted on aluminium profile
- Supplied with T 20+20cm cable, 150 cm extension cable and IN and OUT IP65 connections

Cod: SPT143-0336-04-04

warm white 3000K

Technical specifications:

Power supply	24 Vdc
Power output	4,3W
Flux	380 lm
Protection rating	IP54
Cut out	Ø 43 mm
H. recessed	26 mm
Beam width	36°



GEMMA



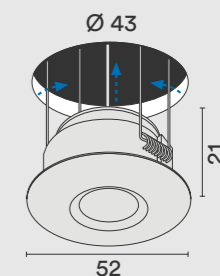
- Mounted on aluminium profile
- Supplied with T 20+20cm cable, 150 cm extension cable and IN and OUT IP65 connections

Cod: SPT182-0336-04-04

warm white 3000K

Technical specifications:

Power supply	24 Vdc
Power output	4,3W
Flux	380 lm
Protection rating	IP54
Cut out	Ø 43 mm
H. recessed	21 mm
Beam width	36°



BETA



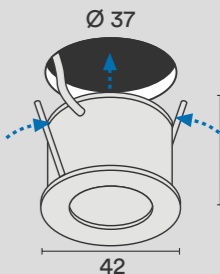
- Mounted on aluminium profile
- Supplied with T 20+20cm cable, 150 cm extension cable and IN and OUT IP65 connections

Cod: SPT132-0336-04-04

warm white 3000K

Technical specifications:

Power supply	24 Vdc
Power output	4,3W
Flux	380 lm
Protection rating	IP54
Cut out	Ø 37 mm
H. recessed	26 mm
Beam width	36°





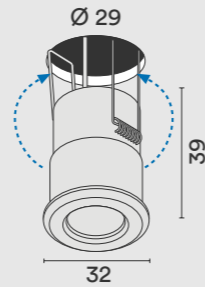
MIRA

- Mounted on aluminium profile
- Supplied with T 20+20cm cable, 150 cm extension cable and IN and OUT IP65 connections

Technical specifications:

Power supply	24 Vdc
Power output	4,3W
Flux	380 lm
Protection rating	IP54
Cut out	Ø 29 mm
H. recessed	h 39 (*)
Beam width	36°

(*)attention: the data does not include the height of the cable



Cod: SPT162-03-36-04-04

warm white 3000K

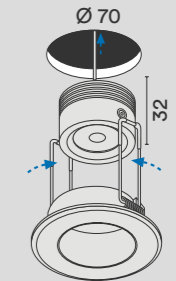


PERSEO

- Adjustable by +/- 15°
- Supplied with T cable (20+20cm) and IP65 IN and OUT connections

Technical specifications:

Power supply	24 Vdc
Power output	4,3W
Flux	550 lm
Protection rating	IP54
Cut out	h 32, Ø 70 mm
Beam width	40°



Cod: SPT366-03-40-04-04
version with frame

warm white 3000K

SPOTS FOR WOODEN STRUCTURES

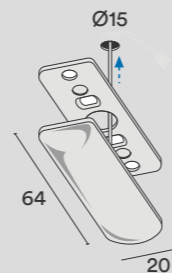


ATLAS F

- Surface mounting with magnets on aluminium profiles
- Does not require a built-in hole
- Cable with micro male connector

Technical specifications:

Power supply	24 Vdc
Power output	4,5W
Flux	575 lm
Protection rating	IP44
Hole for cable	Ø 15 mm



Cod: SPT330-03-00-04-04

warm white 3000K

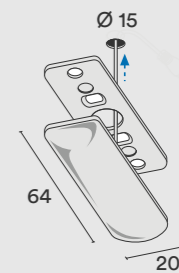


ATLAS WOOD F

- Mounting with magnets on wooden beams
- Does not require a built-in hole
- Cable with micro male connector

Technical specifications:

Power supply	24 Vdc
Power output	2,3W
Flux	240 lm
Protection rating	IP44
Hole for cable	Ø 15 mm



Cod: SPT332-03-00-04-04

warm white 3000K

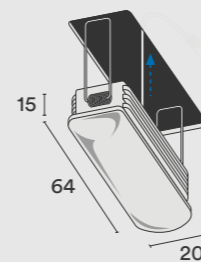


ATLAS E

- Mounting with recessed springs in aluminium profiles
- Cable with micro male connector

Technical specifications:

Power supply	24 Vdc
Power output	4,5W
Flux	575 lm
Protection rating	IP44
Cut out	16x61x15 mm



Cod: SPT331-03-00-04-04

warm white 3000K

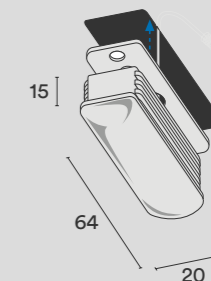


ATLAS WOOD E

- Mounting with magnets recessed in wooden surfaces
- Cable with micro male connector

Technical specifications:

Power supply	24 Vdc
Power output	2,3W
Flux	240 lm
Protection rating	IP44
Cut out	15x61x15 mm
Hole for cable	Ø 15 mm



Cod: SPT333-03-00-04-04

warm white 3000K



SPOT FOR PLASTERBOARD STRUCTURES

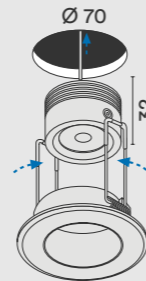


PERSEO

- Adjustable by +/- 15°
- Ideal for plasterboard suspended ceiling
- Supplied with T cable (20+20cm) and IP65 IN and OUT connections

Technical specifications:

Power supply	24 Vdc
Power output	3,4W
Flux	380 lm
Protection rating	IP54
Cut out	h 32, Ø 70 mm
Beam width	40°



Cod: SPT365-03-40-04-04
version with frame

Cod: SPT365-0000
version without frame

warm white 3000K

MODULAR - FOR ANY SURFACE

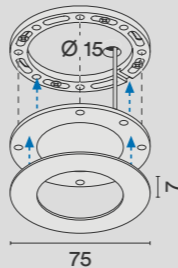


MOON

- Surface mounted with screws
- Does not require a built-in hole
- Supplied with cable (3 m) with micro connector

Technical specifications:

Power supply	24 Vdc
Power output	2,2W
Flux	200 lm
Protection rating	IP44
Hole for cable	Ø 20 mm



Cod: SPT380-03-00-04-01
white version

Interchangeable rings available on request:

Cod: SPT380-0001
black version

warm white 3000K

PROJECTORS

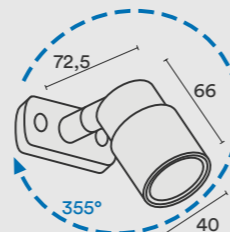


ALFA

- Wall and ceiling mounting
- Adjustable by 355° on the vertical axis or by 90° on the horizontal axis
- Supplied with cable (20cm) and IP65 male connector

Technical specifications:

Power supply	24 Vdc
Power output	4,3W
Flux	380 lm
Protection rating	IP54
Fixing base	Ø 52x36 mm
Beam width	36°



Cod: SPT550-03-36-04-04

warm white 3000K

CONSTANT CURRENT DOWNLIGHTS

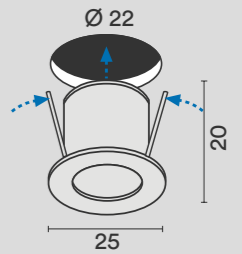


SIRIO LOW

- Mounted on aluminium profile
- Stainless steel spring
- Supplied with 100 cm cable with male connector and 20 cm cable with female connector
- 24Vdc power supply unit with 350, 500 or 700 mA output

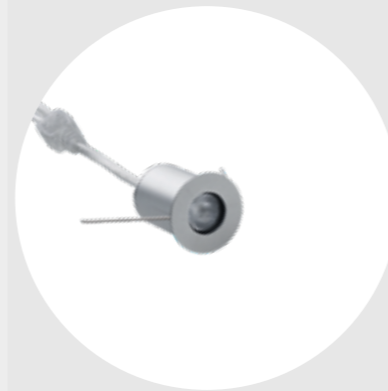
Technical specifications:

Power supply	350/500/700mA
Power output	1.1W (350mA) 1.65W (500mA) 2.3W (700mA)
Flux	110 lm (350mA) 145 lm (500mA) 180 lm (700mA)
Protection rating	IP54
Cut out	h 20, Ø 22 mm
Beam width	60°



Cod: SPT108-10-60-04-04

warm white 3000K

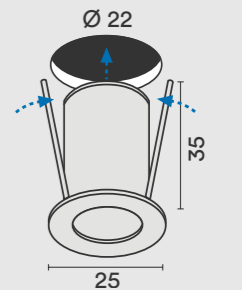


SIRIO

- Mounted on aluminium profile
- Stainless steel spring
- Supplied with 100 cm cable with male connector and 20 cm cable with female connector
- 24Vdc power supply unit with 350, 500 or 700 mA output

Technical specifications:

Power supply	350/500/700mA
Power output	1.1W (350mA) 1.65W (500mA) 2.3W (700mA)
Flux	110 lm (350mA) 145 lm (500mA) 180 lm (700mA)
Protection rating	IP54
Cut out	Ø 22 mm
H. recessed	35 mm
Beam width	60°



Cod: SPT106-10-60-04-04

warm white 3000K

DRIVER FOR 6 SIRIO



INLDC

350/500/700 mA driver with male and female input connectors, for max. 6 Sirio.

Technical specifications:

Power supply	6-30 Vdc
Number of outputs	1
Input	24 Vdc
Protection rating	IP67

Cod: INLDC-350SS
350mA version

Cod: INLDC-500SS
500mA version

Cod: INLDC-700SS
700mA version



1-COLOUR STRIP



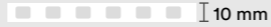
IDRA 120 LED/m, 8W AVAILABLE WITH IP 65 OR IP 67


The products of the IDRA line are supplied with:

- 20 cm cable and IP65 connector
- Adhesive fixing
- Closing cap

Technical specifications:

Power supply	24 Vdc
LED/m	120
Cut point	50 mm

IP 65	
Lumen/m	850

IP 67	
Lumen/m	850

Cod: SPT744-03-00-04-00-5
5 m long - IP 65

Cod: SPT745-03-00-04-00-5
5 m long - IP 67




IDRA 98 LED/m, 9.6W WITH IP 65

The products of the IDRA line are supplied with:

- 20 cm cable and IP65 connector
- Adhesive fixing
- Closing cap

Technical specifications:

Power supply	24 Vdc
LED/m	98
Cut point	71 mm

IP 65	
Lumen/m	1050

Cod: SPT234-03-00-04-00-5
5 meters long IP 65



RGB STRIPS



IDRA 96 LED/m, 7.5W AVAILABLE WITH IP 65 OR IP 67

The products of the IDRA line are supplied with:

- 20 cm cable and IP65 connector
- Adhesive fixing
- Closing cap

Technical specifications:

Power supply	24 Vdc
LED/m	96
Cut point	62 mm

IP 65	
-------	-------------------------------------------------------------------------------------

IP 67	
-------	-------------------------------------------------------------------------------------

Cod: SPT725-03-00-06-00-5
5 m long - IP 65

Cod: SPT729-03-00-06-50
5 m long - IP 67



IDRA 60 LED/m, 14.4W AVAILABLE WITH IP 65 OR IP 67

The products of the IDRA line are supplied with:

- 20 cm cable and IP65 connector
- Adhesive fixing
- Closing cap

Technical specifications:

Power supply	24 Vdc
LED/m	60
Cut point	100 mm

IP 65	
-------	-------------------------------------------------------------------------------------

IP 67	
-------	---------------------------------------------------------------------------------------

Cod: SPT232-03-00-06-00-5
5 m long - IP 65

Cod: SPT222-03-00-06-00
5 m long - IP 67



LED PROFILES



LACTEA WHITE

- Mounted on aluminium profile
- Supplied with 40 cm cable and IP652-poles male connection
- 2 stainless steel fixing clips

Also available in the modular version upon request

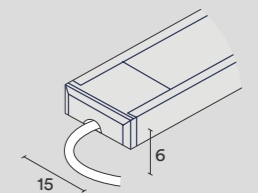
Specify when ordering the length of:

- profile and diffuser (maximum 3 m long)
- warm white, cool or RGB LED strip coil
- closing cap

Technical specifications:

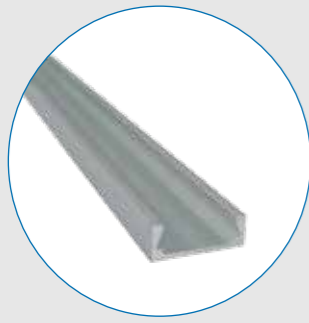
Power supply	24 Vdc
Power output	12W
Flux	680 lm
Protection rating	IP65
Dimensions	950x15 x6mm

Cod: SPT212-03-00-04-04





PROFILES AND DIFFUSERS - AVAILABLE ON REQUEST

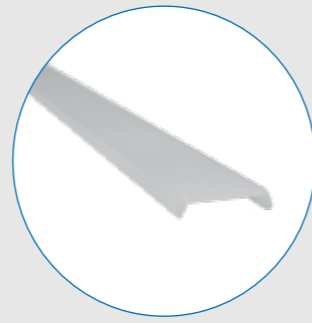


SPECIFY THE MODEL AND LENGTH OF THE PROFILE
Maximum 3 m long



LED STRIP COIL

- Warm white
- Cool white
- RGB



SPECIFY THE LENGTH OF THE DIFFUSER COMBINED WITH THE PROFILE

Maximum 3 m long

CABLES AND CONNECTORS

PLUG & PLAY CABLES AND CONNECTORS WITH IP 65 AVAILABLE FOR SPOTS AND LED STRIPS



CABLES WITH STANDARD CONNECTOR FOR 1-COLOUR LED LIGHTS

Hole for connector Ø 19 mm



CABLES WITH MICRO CONNECTOR FOR 1-COLOUR LED LIGHTS

Hole for connector Ø 10 mm



CABLES WITH STANDARD CONNECTOR FOR RGB LED LIGHTS

Hole for connector Ø 15 mm

T-CABLES FOR INTERLINKING INSTALLATIONS



POWER SUPPLY UNITS FOR CONSTANT VOLTAGE LED

1 OUTPUT



STICK

Power supply unit for 24Vdc LED.
Ideal for aluminium profile.

Cod: AL:24-60WNT
60W

Cod: AL:24-100WNT
100W

Technical specifications:

Power supply	200-240 Vac
Number of outputs	1
Max. power	60W - 100W
Protection rating	IP44
Dimensions	360x30x20 mm

1 OUTPUT



STICK

Power supply unit for 24Vdc LED.
Ideal for aluminium profile.

Cod: AL:24-150WNT
150W

Cod: AL:24-200WNT
200W

Technical specifications:

Power supply	200-240 Vac
Number of outputs	1
Max. power	150W - 200W
Protection rating	IP44
Dimensions	500x30x25 mm



SIGNAL BOOSTERS, CONNECTORS, CONNECTING BOXES

All useful accessories to complete the Teleco system



CONNECTORS AND CONNECTING BOXES

CONNECTING BOX



Connecting box with 1 output and 1 input.

Technical specifications:

Power supply 230 Vac
Protection rating IP66
Dimensions 120x58x35 mm

Cod: G0011

CONNECTING BOX



Connecting box with 2 outputs and 2 inputs.

Technical specifications:

Power supply 230 Vac
Protection rating IP54
Dimensions 130x80x55 mm

Cod: DER001

SIGNAL BOOSTERS

RTR



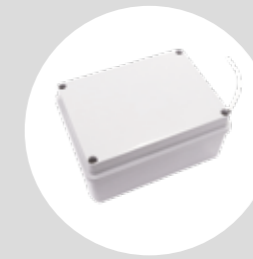
Signal booster to increase the transmission range.

Technical specifications:

Power supply 230 Vac
Protection rating IP20
Dimensions 95x57x70 mm

Cod: TVRTR868A01

RTR



Signal booster to increase the transmission range.

Technical specifications:

Power supply 230 Vac
Protection rating IP54
Dimensions 155x115x74 mm

Cod: TVRTR868B01

CONNECTORS

CONNECTORS



3 or 4-poles connecting

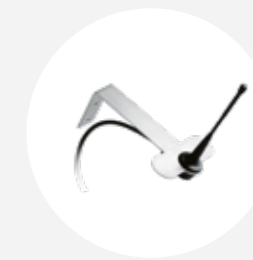
Technical specifications:

Protection rating IP66
Dimensions 90xØ 26.5 mm

Cod: G003
version with 3 poles
Cod: G004
version with 4 poles

ANTENNA

ANTENNA



Whip aerial 868 MHz with bracket and 3.5m cable.

Technical specifications:

Frequency 868 MHz
Dimensions 150x100x150 mm

Cod: ANT868

RADIO CONTROLS SELECTION GUIDE

LOADS AND LIGHTING

RECEIVER

CONTROLS SUGGESTED

DIMMER
12-24 Vdc LED LIGHTS

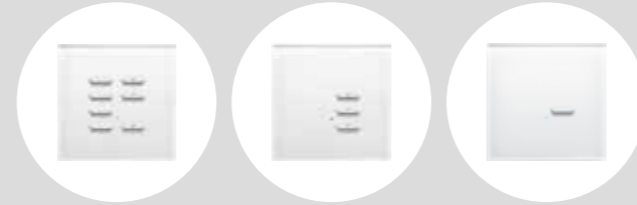


TVTXI868BB07

TVTXI868BB01

TVEVO868N07BD

UNIVERSAL DIMMER FOR 230V
LED AND HALOGEN LIGHTS

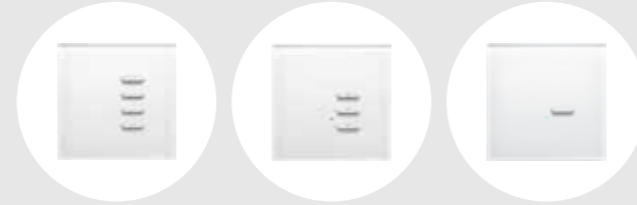


TVTXI868BB07

TVTXI868BB03L

TVTXI868BB01

DIMMER WITH DMX /
DALI AND 1-10V INPUT



TVTXI868BB04

TVTXI868BB03L

TVTXI868BB01

ON/OFF - 230 Vac
INDOOR LIGHTS AND LOADS



TVTXI868BB04

TVEVO868N04B

ON/OFF - 230 Vac
OUTDOOR LIGHTS AND LOADS



TVMIO868P04

TVTXI868BB04

PERGOLA

RECEIVER

CONTROLS SUGGESTED

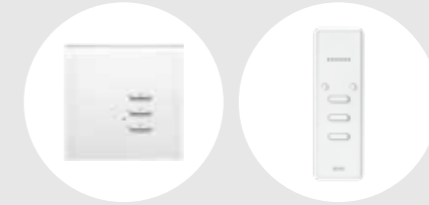
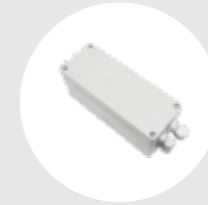
ADJUSTABLE SLATS
AND LED LIGHTS



TVEVO868N42BP

TVTXI868BB07

VERTICAL ROLLER
AWNINGS



TVTXI868BB03L

TVEVO868N18B

HEATERS



TVTXI868BB04

TVTXI868BB02

TVMIO868P04



TVMIO868P02

AUDIO SYSTEM



TVEVO868N42RB

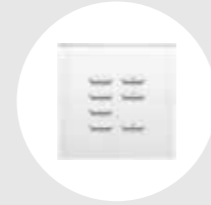
TVEVO868N07BR

VERANDA

RECEIVER

DIMMER
12-24 Vdc LED LIGHTS

CONTROLS SUGGESTED



TVTXI868BB07



TVTXI868BB01



TVEVO868N07BD

SCREEN

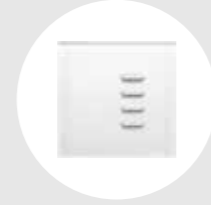


TVEVO868N03B



TVTXI868BB03L

HEATERS



TVTXI868BB04



TVTXI868BB02



TVMIO868P02

AUDIO SYSTEM



TVEVO868N42RB

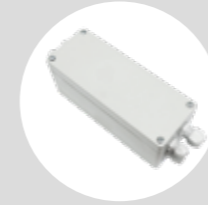


TVEVO868N07BR

AWNINGS

RECEIVER

FOLDING ARM AWNINGS



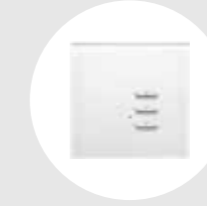
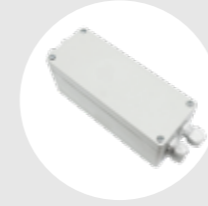
CONTROLS SUGGESTED



TVTXI868BB03L



TVEVO868N03B

SCREENS AND LEANING
FABRIC ROOFS

TVTXI868BB03L

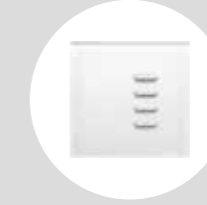


TVEVO868N18B



TVEVO868N03B

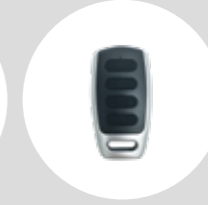
HEATERS



TVTXI868BB04



TVTXI868BB02



TVMIO868P04

AUDIO SYSTEM



TVMIO868P02



TVEVO868N42RB



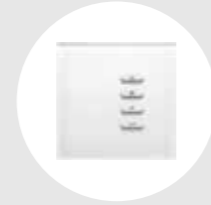
TVEVO868N07BR

DOORS, GATES, ROLLER SHUTTERS

RECEIVER

CONTROLS SUGGESTED

ROLLER SHUTTER DOORS



TRTXI868BB04



TVMIO868P04

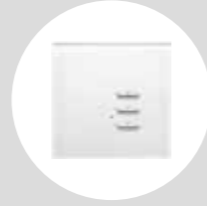


TVMIO868P02

ROLLER SHUTTERS AND VENETIAN BLINDS



TVEVO868N03B



TVTXI868BB03L

LARGE UMBRELLA

RECEIVER

CONTROLS SUGGESTED

OMBREON KIT



TVMIO868P02

DIMMER FOR 12/24 Vdc CONSTANT VOLTAGE LED - 1-COLOUR

MODEL/CODE	TVALL868L02	TRSTRD868ST24G	TVSTRD868SI24G	TVLSTRD868SI24G	TVVSTRD868DI24G	TVVSTRD868BST24M	TVVSTRD868BSI24G	TVVSTRD868NT24	TVSTICK868NT27	TVSTICK868NT28	TVSTICK868NT10	TVSTICK868NT11	TVSTICK868NT29	TVSTICK868NT30	TVSTRDW868ST30
INSTALLATION															
DIN rail					•										
false ceiling		•	•	•		•									•
outdoor							•								
recessed for aluminium profile	•							•	•	•	•	•	•	•	
TUNABLE WHITE CONTROLLER															
POWER SUPPLY															
12 Vdc		•	•		•	•	•	•							•
24 Vdc		•	•	•	•	•	•	•							•
230 Vac	•								•	•	•	•	•	•	
NUMBER OF OUTPUTS															
	2	3	3	3	4	1	3	3	1	1	1	1	2	2	2
POWER PER OUTPUT															
30W (12 Vdc)															
50W (12 Vdc)		•	•		•		•	•							•
150W (12 Vdc)						•									
60W (24 Vdc)	•								•		•				
100W(24 Vdc)		•	•	•	•		•	•		•		•			•
150W(24 Vdc)													•		
200W(24 Vdc)														•	
300W(24 Vdc)						•									
WIRED INPUTS															
1 n.o.		•													
2 n.o.															•
3 n.o.			•	•			•								
4 n.o. / 4 x 1-10V					•										
DMX/DALI															
BLUE SERIES - BIDIRECTIONAL															
COMMUNICATION WITH SLAVE															
standard		•	•				•								•
BUS				•											
syncroled															
IP															
	54	20	20	20	20	54	54	44	54	54	44	44	44	44	20

DIMMER FOR 12/24 Vdc CONSTANT VOLTAGE LED - RGB

MODEL/CODE	TVRGBDU868ST30	TVRGBDSY868ST24	TVLRGBDU868ST24	TVRGBDU868DT24	TVRGBDU868NT24	TVSTICK868RGB29	TVSTICK868RGB30	TVRGBDU868BST30	TVLRGBDU868BST24	TVRGBWU868ST25	TVSRGBWU868ST25	TVLSRGBWU868ST25
INSTALLATION												
DIN rail				•								
false ceiling	•	•	•							•	•	•
outdoor								•	•			
recessed for aluminium profile					•	•	•		•			
POWER SUPPLY												
12 Vdc	•	•		•	•			•		•	•	•
24 Vdc	•	•	•	•	•			•	•	•	•	•
230 Vac						•	•					
NUMBER OF OUTPUTS												
	3*	3*	3*	3*	3*	3	3	3*	3*	4**	4**	4**
POWER PER OUTPUT												
30W (12 Vdc)										•	•	
50W (12 Vdc)	•	•		•	•			•	•			
60W (24 Vdc)										•	•	•
100W (24 Vdc)	•	•	•	•	•			•	•			
150W (24 Vdc)						•						
200W (24 Vdc)							•					
WIRED INPUTS												
1 n.o.												
2 n.o.										•	•	•
3 n.o.	•	•	•	•				•	•			
4 n.o. / 4 x 1-10V												
DMX/DALI												
BLUE SERIES - BIDIRECTIONAL												
COMMUNICATION WITH SLAVE												
standard	•	•						•		•	•	
BUS			•						•			•
syncroled		•										
IP												
	20	20	20	20	44	44	44	54	54	20	20	20

* 3 R+G+B outputs

** 4 R+G+B+White outputs

DIMMER FOR 350/700 mA CONSTANT VOLTAGE LED - 1-COLOUR AND RGB

MODEL/CODE	TVSPOT868A101	TVSPOT868B101	TVSPOT868ADI04	TVRGBDU868A01	TVRGBDU868B01	TVRGBDSY868A01	TVRGBDSY868B01	TVRGBDU868AD02
TYPE OF LED								
1-colour	•	•	•					
RGB				•	•	•	•	•
INSTALLATION								
DIN rail			•					•
false ceiling	•	•		•	•	•	•	
POWER SUPPLY								
12 Vdc	•	•	•	•	•	•	•	•
24 Vdc	•	•	•	•	•	•	•	•
48 Vdc			•					•
OUTPUT CURRENT								
350mA	•		•	•		•		•
700mA		•	•		•		•	•
NUMBER OF OUTPUTS								
	3	3	4	3*	3*	3*	3*	3*
POWER PER OUTPUT								
12 Vdc	4W	8W	4W/8W	4W	8W	4W	8W	4W/8W
24 Vdc	8W	16W	8W/16W	8W	16W	8W	16W	8W/16W
48 Vdc			16W/32W					16W/32W
WIRED INPUTS								
3 n.o.	•	•		•	•	•	•	
4 n.o. / 4 x 1-10V			•					•
COMMUNICATION WITH SLAVE								
standard	•	•		•	•	•	•	
syncroled						•	•	
IP								
	20	20	20	20	20	20	20	20

* 3 R+G+B outputs

** 4 R+G+B+White outputs

UNIVERSAL DIMMER FOR 230 Vac LIGHTS AND 0-10V / 1-10V / DALI DEVICES

MODEL/CODE	TRDLC868A01	TVDLC868A01	TVDMM868A05	TVDMM868G09S	TVDMA868A01	TVDMA868A02	TVDMM868G10S	TVDMM868W10
TYPE OF LOADS								
resistive load (R)	•	•	•	•				
inductive load (L)	•	•	•	•				
capacitive load (C)	•	•	•	•				
230 Vac LED	•	•	•	•				
DALI					•	•		
0/1-10 V							•	•
INSTALLATION								
DIN rail								
false ceiling				•	•	•	•	•
55mm diameter electrical box for outdoor spaces	•	•						
TUNABLE WHITE CONTROLLER								
								•
POWER SUPPLY								
230 Vac	•	•	•	•	•	•	•	•
110 Vac			•					•
NUMBER OF OUTPUTS								
	1	1	4	1	1	1	1	2
RESISTIVE LOADS (R): POWER PER OUTPUT								
min 25 W - max 250 W	•	•		•				
min 25 W - max 450 W								
min 25 W - max 500 W			•					
min 25 W - max 1000 W								
INDUCTIVE LOAD (L): POWER PER OUTPUT								
min 25 VA - max 250 VA	•	•		•				
min 25 VA - max 450 VA								
min 25 VA - max 500 VA			•					
CAPACITIVE LOADS (C): POWER PER OUTPUT								
min 25 VA - max 250 VA	•	•		•				
min 25 VA - max 450 VA								
min 25 VA - max 500 VA			•					
LED: POWER PER OUTPUT								
min 25 VA - max 450 VA	•	•	•	•				
1-10V: POWER PER OUTPUT								
max 30mA							•	•
WIRED INPUT								
1 (N.O.)	•	•		•	•	•	•	
2 (N.O.)								•
4 (N.O.)			•					
BLUE SERIES - BIDIRECTIONAL COMMUNICATION								
	•							
IP								
	20	20	20	54	20	20	20	20

ON/OFF FOR INDOOR LIGHTS AND LOADS

MODEL/CODE	TRRL868G03P	TVRRL868G03P	TVRRL868G02P	TVRCD868A01	TVRCD868A04N	TRRL868GS03	TVRRL868GS03	TVRRL868GS02	TVRGL868A02	TVPRSD868A02
INSTALLATION										
DIN rail				•	•					•
false ceiling									•	
55mm diameter electrical box	•	•	•			•	•	•		
POWER SUPPLY										
230 Vac	•	•	•	•	•	•	•	•	•	•
110 Vac	•	•				•	•			
NUMBER OF OUTPUTS										
	1	1	1	1	4	1	1	1	2	4
OUTPUT										
230 Vac						•	•	•	•	•
110 Vac						•	•			
Potential free	•	•	•	•	•					•
MAXIMUM POWER PER OUTPUT										
1000W			•					•	•	
2000W				•						
2000W (Maximum total 4000W)										•
3000W	•	•			•	•	•			
WIRED INPUT										
						1	1	1		
FUNCTIONS										
impulsive ON/OFF	•	•	•	•	•	•	•	•	•	•
timer controlled up to 9 hours				•						
SLAVE										
				•	•					•
BLUE SERIES - BIDIRECTIONAL COMMUNICATION										
	•					•				
IP										
	20	20	20	20	20	20	20	20	20	20

ON/OFF FOR OUTDOOR LIGHTS AND LOADS

MODEL/CODE	TRRCL868A60	TVRCL868A60	TVRCL868A02F6	TVRCL868A02
POWER SUPPLY				
110 Vac			•	
230 Vac	•	•	•	•
NUMBER OF OUTPUTS				
	4	4	2	2
OUTPUT				
230 Vac	•	•	•	
potential free				•
MAXIMUM POWER PER OUTPUT				
2000W (Maximum total 4000W)	•	•		•
3000W			•	
FUNCTIONS				
impulsive ON/OFF	•	•	•	•
timer	•	•	•	•
BLUE SERIES - BIDIRECTIONAL COMMUNICATION				
	•			
IP				
	54	54	54	54

ON/OFF AND DIMMER FOR RESISTIVE OR INFRARED HEATERS

MODEL/CODE	TVRCL868A02F7	TVHET868B01	TVHET868A04	TVHET868A06	TVHET868A07
FUNCTION	ON/OFF	Dimmer	Dimmer	Dimmer	Dimmer
POWER SUPPLY					
110 Vac	•		•	•	•
230 Vac	•	•	•	•	•
NUMBER OF OUTPUTS					
	2	1	1	1	1
OUTPUT POWER (230 VAC)					
2000W		•			
3000W	•				
4000W			•		
6500W				•	
6800W					•
PUSHBUTTON INPUT FOR MANUAL CONTROLS					
		•	•	•	•
TEMPERATURE PROBE INPUT					
			•	•	•
PIR INPUT					
			•	•	•
IP					
	54	54	54	54	54

CONTROL UNITS FOR ADJUSTABLE AND RETRACTABLE SLATS

MODEL/CODE	TVPLS868CS	TVPLS868TT3	TVPLA868CC2L	TVPLA868CC2S	TVPLA868CC2EN	TVALL868LC01	TVALL868LC01E	TVPLD868C80TT3	TVPLT868C80TS	TVPLM868C80M2	TVPLA868AC2	TVPLR868AC2
POWER SUPPLY												
24 Vdc	•	•	•	•	•							
230 Vac						•	•	•	•	•	•	•
NUMBER OF MOTORS CONTROLLED												
	1	1	1-2	1-2	1-2	1	1	1	1	1-2	1-2	1-2
MOTOR OUTPUT												
24 Vdc	•	•	•	•	•	•	•	•				
230 Vac									•	•	•	•
MAXIMUM POWER PER MOTOR												
4,5 A	•	•	•	•	•							
3 A								•				
150 W						•	•					
350 W									•	•	•	•
1-COLOUR LED OUTPUT												
			•			•	•		•	•		
COMPATIBLE WITH LED CARD												
			•	•	•						•	•
PUSHBUTTONS - SEPARATE CONTROLS												
	•	•						•	•	•		
CLIMATIC SENSORS INPUTS												
wind	•	•	•	•	•	•	•	•	•	•	•	•
rain	•	•	•	•	•	•	•	•	•	•	•	•
temperature		•	•	•	•	•	•			•	•	•
WORKING TIME CONFIGURATION												
	•	•	•	•	•	•	•	•	•	•	•	•
ENCODER TECHNOLOGY												
					•		•					
IP												
	54	54	54	54	54	44	44	54	54	54	54	54

CONTROL UNIT FOR FOLD-BACK PERGOLAS WITH FABRIC FOLDING ARM AWNINGS AND SCREENS

MODEL/CODE	TVPRS868A04B	TVPL4868AC4	TVPLT868C80TS	TVALL868LM01	TVALL868LM02	TUBELITE868A10	TUBELITE868A11
TYPE OF BLIND							
folding arm awnings			•	•	•	•	•
fold-back awning				•	•		
screen	•	•					
POWER SUPPLY							
24 Vdc							
230 Vac	•	•	•	•	•	•	•
NUMBER OF TUBULAR MOTORS CONTROLLED							
	1	1-4	1	1	1-2		
OUTPUT							
24 Vdc							
230 Vac	•	•	•	•	•		
MAX POWER PER MOTOR							
4,5 A							
150 W				•	•		
350 W	•	•	•				
MAX POWER FOR LED LIGHTS							
60 W						•	
100 W							•
LED OUTPUT							
1-colour			•	•	•	•	•
RGB				•	•		
PUSHBUTTONS - SEPARATE CONTROLS			•			•	•
WIRED INPUTS							
1/10 V							
CLIMATIC SENSORS INPUTS							
wind		•	•	•	•		
rain			•	•	•		
light				•	•		
CONFIGURATION OF THE LIMIT SWITCHES		•		•	•		
IP							
	54	54	54	44	44	44	44

CONTROL UNITS FOR ROLLER SHUTTER DOORS AND GATES

MODEL/CODE	TVPRP868A08R	TVRDS868B01
OUTPUT FOR COURTESY LIGHT		
	•	
INTEGRATED COURTESY LIGHT		
		•
OUTPUT FOR FLASHING LIGHT		
	•	•
INPUT FOR TRADITIONAL PHOTOCELL		
	•	
INPUT FOR RESISTIVE SAFETY EDGE		
	•	•
INPUT FOR WIRED INFRARED SAFETY EDGE		
	•	•
EMERGENCY STOP SWITCH INLET		
		•
MODES OF CONTROL		
automatic (with automatic closing)	•	•
semi-automatic (without automatic closing)	•	•
PUSHBUTTON INPUT FOR MANUAL CONTROLS		
	•	•
BST - S24S		
	optional	•
ASK ME - BIDIRECTIONAL COMMUNICATION		
		•
IP		
	54	20

MODEL/CODE	TVGSM800	GSM700
TYPE		
DIN rail installation	•	•
POWER SUPPLY		
230 Vac	•	•
NUMBER OF OUTPUTS		
	2	1
PC CONNECTION (MANAGEMENT SOFTWARE)		
	•	
INPUTS FOR WIRED ALARMS		
	•	
INTEGRATED RADIO RECEIVER		
	•	
IP		
	20	20

CONTROL UNITS FOR ROLLER SHUTTERS AND VENETIAN BLINDS

MODEL/CODE	TVPRS868A06	TRPRD868G01T	TVPRD868B01T	TVPRT868A01T	TVPRS868A02	TVPRH868A01-S	TVPRSD868A02	TVPRS868A12	TVPRS868A24	TVPRV868A01	TVPRV868A24
APPLICATION TYPE											
roller shutter	•	•	•	•	•	•	•	•	•		
venetian blind	•									•	•
POWER SUPPLY											
12 Vdc								•			
24 Vdc									•		•
230 Vac	•	•	•	•	•	•	•			•	
110 Vac		•									
MOTOR OUTPUT											
12 Vdc								•			
24 Vdc									•		•
230 Vac	•	•	•	•	•	•	•			•	
110 Vac		•									
MAXIMUM POWER PER MOTOR											
4,5 A								•	•		•
350 W	•	•	•	•	•	•				•	
400 W											
2000 W							•				
MANUAL PUSHBUTTONS											
		1	1	1	2	2touch	4	2	2	2	2
HIRSCHMANN CONNECTORS											
	•										
COMPATIBILITY WITH BLUE SERIES											
		•									
IP											
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AL-24-150WNT	Integrated power supply unit	169	SPLIMQ1S1	Intense Frame	68	SPT182-03-36-04-04	LED light - Spot	161	TAKRCM868A02	Receiver - TAK	149
AL-24-200WNT	Integrated power supply unit	169	SPLIMQ2S1	Intense Frame	69	SPT212-03-00-04-04	LED light - Profile	167	TAKRCM868A04	Receiver - TAK	149
AL-24-60WNT	Integrated power supply unit	169	SPLIMQ3S1	Intense Frame	69, 70	SPT222-03-00-06-00	LED light - Strip	167	TAKRCV868A04	Receiver - TAK	148
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Bobina24	Accessory - Doors/Gates	152	SPLIPQ1N1T	Intense Frame	68	SPT333-03-00-04-04	LED light - Spot	163	TPS-ALU2509	Accessory - Doors	144
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CODE/MODEL	PRODUCT CATEGORY	PAGE	CODE/MODEL	PRODUCT CATEGORY	PAGE	CODE/MODEL	PRODUCT CATEGORY	PAGE	CODE/MODEL	PRODUCT CATEGORY	PAGE
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SALES CONDITIONS

1. OBJECT

The present General Sales Conditions (hereinafter called the "General Sales Conditions") together with the specific conditions indicated in Teleco's order confirmation (hereinafter "Order Confirmation") regulate all sales of Teleco's products between Teleco and any buyer, as identified in the respective Order Confirmation (hereinafter referred to as the "Client"), and shall exclusively apply to all sale contracts between Teleco and Client.

Every Client's order (hereinafter called the "Purchase Order"), shall be sent to Teleco in writing and shall be considered fixed and binding for the Client, until receipt of the relative Order Confirmation by Teleco and, in any case, no later than 15 days from receipt. Purchase Orders shall be considered accepted by Teleco and binding upon both parties hereto, upon receipt by the Client of the relative Order Confirmation.

Any modifications, amendments, exceptions and/or cancellations to these General Sales Conditions must be agreed upon exclusively in writing by the parties hereto and must be expressly accepted by Teleco.

In case of conflict of provisions between the General Sales Conditions and the Order Confirmation, this latter shall prevail. Furthermore these General Sales Conditions, shall prevail over any other condition or agreement indicated by the Client.

These General Sales Condition shall be also applicable and extended to Teleco's affiliated, controlled and related companies, pursuant to art. 2359 ital. civil code.

2. PRODUCTS AND IPR

The present General Sales Conditions shall apply to the sale of Teleco's products, including the ones indicated in Teleco's price lists and catalogues (hereinafter called the "Products").

Any catalogues or price lists of Teleco shall not constitute a formal offer by Teleco, who shall be free to modify the same at any time, and without any obligation to provide notice.

Teleco reserves the right to make changes to the Products without prior notice to Client.

Save the execution of orders following an Order Confirmation, Teleco may suspend and/or cease the production of Products at any time and without any notice if market and/or production requirements may so demand, without the Client having any right to make any kind of claim or demand.

Teleco holds title to patents and any other industrial rights to the Products.

Client shall not remove or modify Teleco's trademark on the Products or confuse it adding other trademarks without Teleco's prior written consent.

3. DELIVERY

Teleco will make best efforts to respect the delivery times as indicated in the Order Confirmation, which in any case may not be considered mandatory, but are purely indicative.

Delivery of the Products shall be Ex Works, (Incoterms 2000) Colle Umberto (TV – Italy).

The delivery of a quantity of Products that exceeds or is less than 5% compared with the quantity ordered by Client and accepted by Teleco is to be considered compliant with the Purchase Order.

If Client does not promptly collect / have collected the Products, which have been communicated as ready for delivery by Teleco, within 15 days, Teleco shall be entitled to withdraw from the Order Confirmation without any liability and may claim damages.

Should Client supply the Products to third Parties, it shall inform its own customers on the specific use and how to adequately use the Products. Also in such case Client shall remain responsible towards Teleco according to these General Sales Conditions.

4. RESERVE OF PROPERTY

Client acknowledges and hereby expressly agrees that Products shall remain the property of Teleco, until total payment of their entire respective price by the Client, according to art. 1523 ital. civil code, and in the case of payment by bills or checks, until their respective amounts are available at Teleco's. Nevertheless, the Parties agree that all risks deriving from the loss or from damages to the Products for any reason whatsoever, shall fall back on the Client from the moment of dispatch.

In case of unjustified late or non-payment, by Client within the due date, Teleco shall have the right to request immediate return of the dispatched Products and Client shall immediately return such Products to Teleco.

This reserve of property shall also apply to agreements on installments payments between Teleco and Client according to art. 1523 ital. civil code. In such cases, if an installment payment within the respective installment term is breached by Client, Teleco shall have the right to immediately terminate the specific sale agreement, keep the installment payments already received according to art. 1523 ital. civil code and request damages.

5. PRICE AND PAYMENT

The prices of Products are indicated in the Seller's price list (if applicable), and are binding on Teleco after the Order Confirmation is issued.

The prices do not include transport, taxes or dispatch costs of the Products and any other cost not specifically indicated in the Order Confirmation. Payments are due immediately, upon receipt of the Products and the respective invoice by Client. Payment is considered performed when it is at Teleco's disposal. Teleco expressly disclaims any liability for possible transcript errors in the Teleco's price list.

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Client shall not make any retention of payment or balance and compensate payments based on its claims (if any) against Teleco.

Default or overdue payment within the due date agreed upon in the Purchase Order, will entitle Teleco to claim overdue interest at the rate determined in accordance with Legislative Decree no. 231 of 9th October, 2002 (and following modifications), starting from expiry of the due date agreed upon.

Defaulting of even one payment installment shall result in Client's forfeiture of the installment benefit, in which case he shall be liable to pay Teleco the full price for orders already fulfilled or in the process of being fulfilled. Furthermore, Teleco may invoke articles 1460 and 1461 of the Italian civil code and suspend any possible orders in progress relative to one or more orders already confirmed by Teleco.

6. WARRANTY

Teleco warrants that the Products are manufactured with high quality materials and have passed Teleco high standard quality tests.

Teleco's warranty shall cover a 12 months period, from the date of delivery of the Products, or 24 months from the date of delivery of the Product, in case the Client uses the Products as a final consumer, outside its business/commercial/professional activity and is not a statutory person/entity.

Teleco's warranty shall not in any case be suspended or extended, even if due to lack of use of the Products for repair/replace intervention covered by the warranty.

Client shall inform in writing Teleco within 8 days from delivery of Products, of the existence of faults or deformities in terms of quantity or quality of the Products. Thereafter the supply and the Products will be deemed as finally and irrevocably accepted.

The presence of hidden defects in the Products, that cannot be noticed upon delivery, shall be communicated in writing to Teleco, within 8 days from their discovery.

The content of Teleco's warranty shall be repair or replace of the defective and non conforming Product, at Teleco's discretion. Client acknowledges and agrees that the original parts of the Products that are replaced in warranty and retained by Teleco, shall be property of Teleco.

Any transport and packaging costs connected to Teleco's warranty services shall be carried out by Client.

Teleco's warranty shall only cover material or production defects, which are noticed and reported in writing, as set forth above, during normal conditions of use of the Product. In no event whatsoever shall the warranty be extended to defects caused by insufficient or improper maintenance or storage, incorrect use / handling, or any use of the Products by the Client, different from the relative instructions, normal wear and tear and/or repairs or interventions (including but not limited to the use of non original spare parts) carried out by non authorized third parties, without the prior written agreement of Teleco.

7. TECHNICAL ADVICE

Teleco provides technical advice according to its best knowledge and experience, however Client shall apply due diligence in verifying the applicability of Teleco's technical advice to its special conditions of production or application.

8. LIABILITY

Teleco expressly excludes any liability for direct, indirect, accidental and consequential damages, losses, reduction in production of the Client, that may derive from the Products, including from defective or non compliant Products; Client irrevocably waives and excludes any compensation claim in such respect.

9. INSURANCE AND PRODUCT RECALL

Customer shall maintain at its own cost liability, product recall and product liability insurances covering third party damages. The insurance coverage shall be sufficient and up to a level customary to the industry. The insurance coverage shall be no less than €1 million. Client shall be liable to present a certificate of the insurance detailing the coverage upon Teleco's request.

10. CONFIDENTIALITY

The Client shall not disclose any technical or commercial information of Teleco or any other data which he might learn during this contractual relationship with Teleco. Teleco reserves the right to claim compensation for damages in the event of any breach of the above confidentiality obligation by the Client.

11. TERMINATION

Teleco may withdraw from each sales contract under these General Sales Conditions at any time and stop the deliveries of Products to Client, without any penalty and/or liability, or obligation to reimburse the deposits already received, in the event of the existence of disputes, or admonitory, ordinary and/or insolvency proceedings or even out-of-court proceedings attributable to the Client.

In the event of an overdue payment, resulting in a lack of trust regarding fulfillment by the Client, the Seller reserves the right to terminate the sales contract under these General Terms and Conditions, in accordance with article 1456 of the Italian civil code.

12. PERSONAL DATA

Client expressly authorizes the processing, communication and dissemination of his personal data by Teleco and Teleco Automation Group according to the provisions of the Italian Legislative Decree no. 196/2003. Client furthermore declares to be aware of its rights according to Art. 7 Legislative Decree no. 196/2003. Responsible for the treatment of personal data at Teleco is Mr. Borsoi Luigi.

13. APPLICABLE LAW AND PLACE OF JURISDICTION

These General Sales Conditions and Order Confirmation are exclusively regulated and governed by Italian laws, with specific exclusion of the application of the Vienna convention on contracts for the international sale of goods - 1980.

For any controversy, claim or dispute that may arise between Client and Teleco with regards to these General Sales Conditions and the Order Confirmation and their respective sale agreements, the Court of Treviso (Italy) shall have exclusive jurisdiction.

14. FORCE MAJEURE

The following should be considered as force majeure: industrial disputes, strikes, lock out, riots, fires, floods, wars, embargos, currency restrictions or any other circumstances beyond the control of the parties. The party wishing to claim relief by force majeure shall notify in writing the other party without delay upon their intervention and the cessation of it.

An event of force majeure, that lasts over 3 months, gives Teleco the right to terminate any pending order and sale agreement under these General Sales Conditions and respective Order Confirmation, without incurring into any kind of liability or damages.

15. NON ASSIGNMENT

Client may not assign these General Sales Conditions or Order Confirmation to any third party without Teleco's prior written consent.

16. SURVIVAL

Should any clause of these General Sales Conditions (or part of it) or of the Order Confirmation be legally invalid, it shall be replaced with a valid provision which has the most similar valid economic content and all other clauses shall remain unaffected.

CONTACT DETAILS

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