

 **Zennio**<sup>®</sup>  
Passion for KNX innovation

# Square TMD-Display



SQUARE  
**TMD**  
DISPL AY



ZVI-SQTMDD  
(90.2 x 90.2 x 12 mm.)

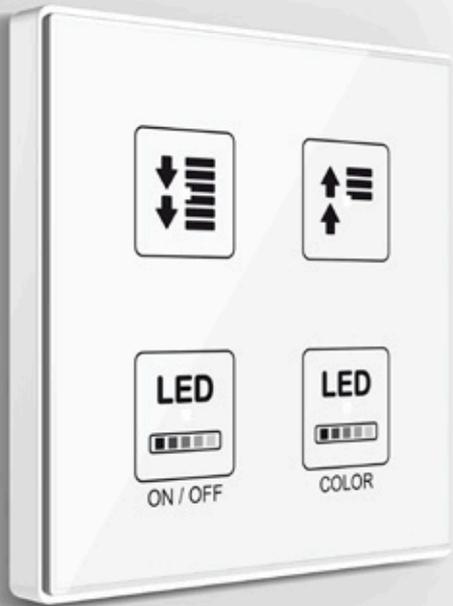


ZVI-SQTMDD  
(90.2 x 90.2 x 12 mm.)

**Square TMD-Display is a capacitive room controller with 5 multifunction buttons and 1.8” backlit display.**

Totally customizable touch panel to cause the desired aesthetic impression in any ambience. Everyone can create unique compositions, which could include images, icons, texts or logos. This customization is printed on a high-strength tempered glass with a polycarbonate frame to finish off the author’s work. Square TMD-Display allows selecting the function of each button and indicators shown in the display. Square TMD-Display also includes thermostat function, internal temperature probe and two analog/digital inputs. Accessories: temperature probe and motion sensor.

# Square TMD





ZVI-SQTMD1-S  
(90.2 x 90.2 x 12 mm.)



ZVI-SQTMD2-A  
(90.2 x 90.2 x 12 mm.)

**Square TMD is a capacitive switch with 1, 2, 4 or 6 multifunction buttons.**

Square TMD is a KNX switch with capacitive buttons that satisfies the design requirements of any project thanks to its total customization: everyone can create unique compositions, which could include images, icons, texts or logos. This customization is printed on a high-strength tempered glass with a polycarbonate frame to finish off the author's work. Square TMD1, 2, 4 and 6 allows selecting the function for each button and also includes thermostat function, internal temperature probe and two analog/digital inputs. Accessories: temperature probe and motion sensor. Available models: Standard White/Black/Silver or Customized.

# Square TMD



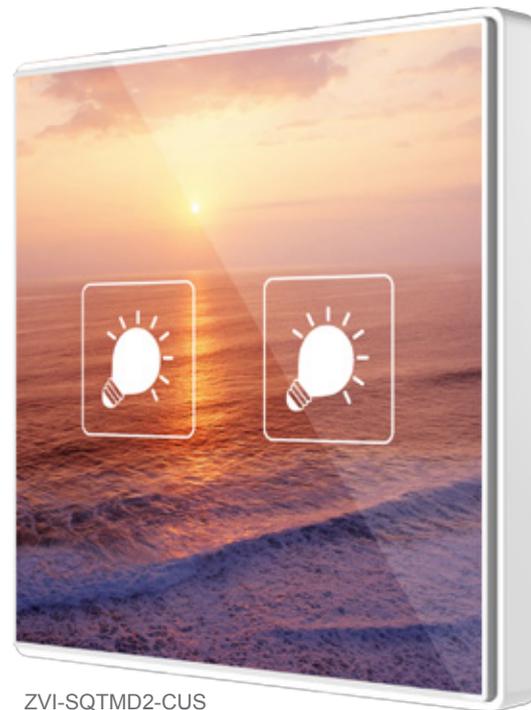
ZVI-SQTMD4-W  
(90.2 x 90.2 x 12 mm.)



ZVI-SQTMD6-A  
(90.2 x 90.2 x 12 mm.)



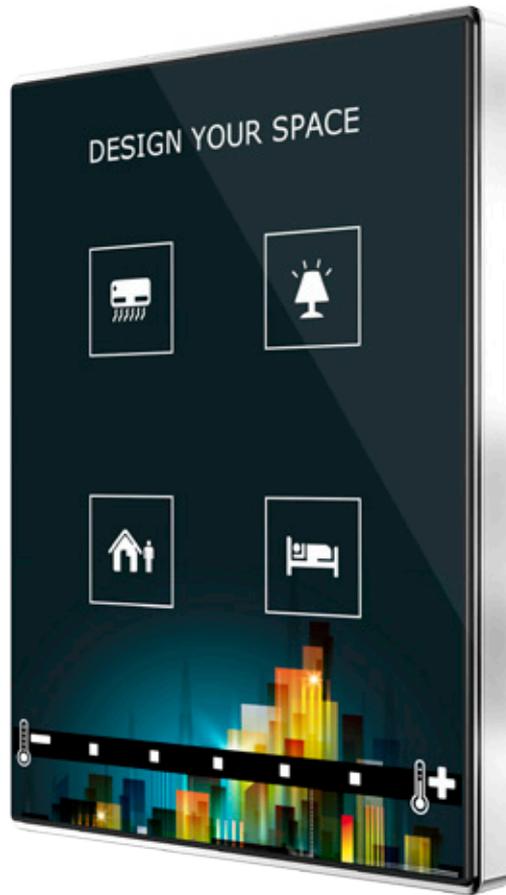
ZVI-SQTMD4-CUS  
(90.2 x 90.2 x 12 mm.)



ZVI-SQTMD2-CUS  
(90.2 x 90.2 x 12 mm.)

# Touch-MyDesign Plus





ZVI-TMDP4  
 ZN1AC-UPFRCR  
 (122.7 x 90.2 x 12 mm.)

FRAME OPTIONS



Polycarbonate  
 Anthracite



Polycarbonate  
 Silver



Polycarbonate  
 White



Aluminium



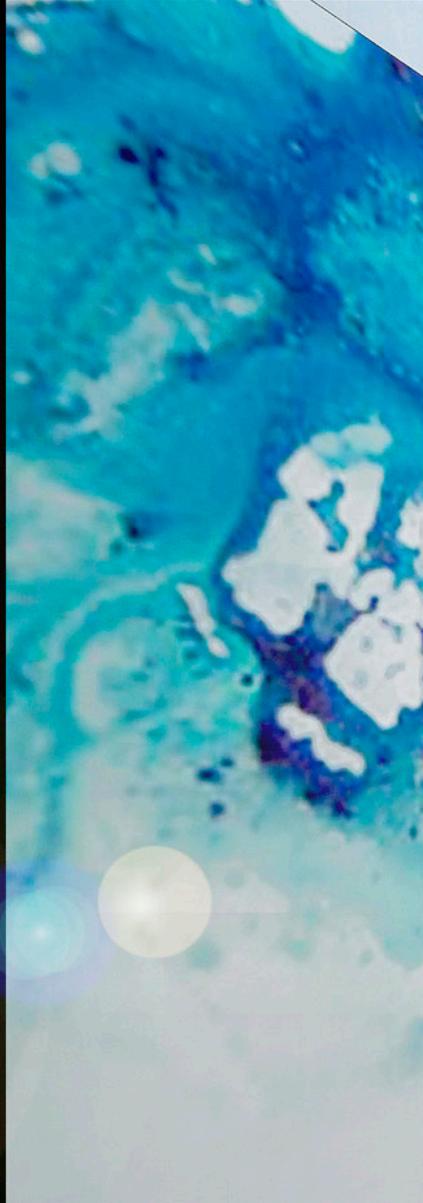
Golden



Chrome

**Touch-MyDesign Plus is a KNX switch with capacitive buttons that satisfies the design requirements of any building thanks to its total customization.** Everyone can create unique compositions, which could include images, icons, texts or logos, as well as decide how to install it (portrait or landscape). This customization is printed on a high-strength tempered glass. Four, six or eight buttons are the available formats, so that pairs or individual buttons can be used as personalized controls with LED indicators. Touch-MyDesign Plus has 5 LEDs that can be used as additional buttons to assign direct functions. Touch-MyDesign Plus also includes thermostat function, internal temperature probe and two analog/digital inputs. Accessories: temperature probe and motion sensor.

# Touch-MyDesign Plus





ZVI-TMDP8  
(122.7 x 90.2 x 12 mm.)



ZVI-TMDP4  
(122.7 x 90.2 x 12 mm.)

# TMD-Display





ZVI-TMDD  
(122.7 x 90.2 x 12 mm.)

#### FRAME OPTIONS



Polycarbonate  
Anthracite



Polycarbonate  
Silver



Polycarbonate  
White



Aluminium



Golden



Chrome

**TMD-Display is a totally customizable room controller with a 1.8" backlit display that will cause the desired aesthetic impression in any ambience.** Everyone can create unique compositions, which could include images, icons, texts or logos. This customization is printed on a high-strength tempered glass. TMD-Display is able to manage climate, audio, shutters, lights... and all through an intuitive and modern touch panel with 8 buttons. TMD-Display also includes thermostat function, internal temperature probe and two analog/digital inputs. Accessories: Temperature probes and motion sensor.

# TMD-Display





ZVI-TMDD  
 ZN1AC-UPFRGD  
 (122.7 x 90.2 x 12 mm.)



ZVI-TMDD  
 (122.7 x 90.2 x 12 mm.)

# InZennio Z41



## Z41 Remote

Available on the  
**App Store**

GET IT ON  
**Google play**





ZN1VI-TP41C  
(123 x 90 x 13 mm.)

#### FRAME OPTIONS



Polycarbonate  
Anthracite



Polycarbonate  
Silver



Polycarbonate  
White



Aluminium



Golden



Chrome

**InZennio Z41 is a capacitive touch panel which represents an advancement in digital home control.**

Minimalist aesthetics, dominated by simple forms, lead to a timeless design that facilitates integration within working and living environments. Its 4.1" color display in portrait (3:4) makes your management and enjoyment easier, enabling distributed communication within the intelligent home. Z41 includes an internal clock with battery and USB port for program updates. Allows remote control and alarm notification with push messages with smartphone or tablet PC mobile application (Z41 Remote) thanks to its IP port. Available in white, silver and black colors.

# Z41 Pro



## Z41 Remote





ZVI-Z41PRO  
(123 x 90 x 13 mm.)

#### FRAME OPTIONS



Polycarbonate  
Anthracite



Polycarbonate  
Silver



Polycarbonate  
White



Aluminium



Golden



Chrome

#### **Z41 Pro is a capacitive touch panel which represents an advancement in digital home control.**

Minimalist aesthetics, dominated by simple forms, lead to a timeless design that facilitates integration within working and living environments. Its 4.1" color display in portrait (3:4) makes your management and enjoyment easier, enabling distributed communication within the intelligent home. Z41 includes an internal clock with battery and USB port for program updates. Includes IP port for remote control from smartphones or tablets through free mobile apps. It also includes 2 analog-digital inputs of great functionality. Accessories: temperature probe and motion sensor. Available in white, silver and black colors.

\*Check availability.

# Z41 Lite



**Z41 LITE**  
TOUCH PANEL



ZVI-Z41LIT  
(123 x 90 x 13 mm.)



ZVI-Z41LIT  
(123 x 90 x 13 mm.)

**Z41 Lite is a capacitive touch panel which represents an advance in Digital Home control.** Minimalist aesthetics, dominated by simple forms, lead to a timeless design that facilitates integration within working and living environments. Its 4.1" color display in portrait (3:4) makes your management and enjoyment easier, enabling distributed communication within the intelligent home. Z41 includes an internal clock with battery and USB port for program updates. Accessories: temperature probe and motion sensor. Available in white, silver and black colors. Available frames: polycarbonate, aluminium, chrome, or golden (see frame options on page 19).

# Roll-ZAS





ZN1VI-TPZAS-B  
(120 x 88 x 11 mm.)



ZN1VI-TPZAS-W  
(120 x 88 x 11 mm.)

**Roll-ZAS Touch controller is a great solution for demanding applications in hotel rooms and apartments.**

Roll-ZAS is able to manage climate, audio, shutters, lights... and all through an intuitive and modern touch panel. Roll-ZAS includes an infrared receiver that allows controlling the functionality from a distance, as well as a temperature sensor and thermostat function. At the rear, Roll-ZAS has two digital/analog inputs that allow the connection of additional temperature probes, switches/sensors or motion detectors. Available colors: black, silver and white. Accessories: temperature probe, motion sensor and optional IR remote control.

# InZennio Z38i



**Z38i**  
TOUCH PANEL



ZN1VI-TP38i-A  
(113 x 92 x 12,6mm.)



ZN1VI-TP38i-S  
(113 x 92 x 12,6mm.)

**InZennio Z38i touch panel represents a giant leap forward in communication with your home.**

Minimalist aesthetics, dominated by simple forms, lead to a timeless design that facilitates integration within working and living environments. Its 3.8" square display makes your management and enjoyment easier, enabling distributed communication within the smart home. Available colors: white, silver and anthracite grey. Optional IR remote control.

# Actuators



ZN110-AB46A  
(90 x 60 x 35 mm.)

## ACTinBOX Classic Hybrid

Multifunction actuator. 4 x 10A outputs / 6 inputs. 2 DIN rail units.  
ACTinBOX Classic-Hybrid is a powerful multifunction actuator with 6 inputs and 4 outputs. It stands out for its simplicity and flexibility. In addition, it allows the connection of one temperature probe (thermostat function included) and one motion sensor. It includes advanced logical functions.



ZIO-MN25  
(90 x 69 x 37 mm.)

## MINiBOX 25

Multifunction actuator 2 x 16A outputs / 5 inputs 2 DIN rail units.  
MINiBOX 25 is a new multifunction actuator with 2 x 16A outputs C-Load, that can be configured as shutter channels or individual outputs, and 5 analog/digital inputs. It includes advanced logical functions and local manual control.  
Accessories: Temperature probes and motion sensor.  
\*Check availability.



ZN110-AB60  
(90 x 60 x 35 mm.)

## ACTinBOX MAX6

Multifunction actuator. 6 x 10A outputs. 2 DIN rail units.  
ACTinBOX MAX6 is a multifunction actuator that provides up to 3 configurable actuation channels. It includes advanced logical functions that provide it with numerous configuration possibilities. It is not suitable for capacitive loads.



ZN110-AB40  
(90 x 60 x 35 mm.)

## ACTinBOX QUATRO

Multifunction actuator. 4 x 16A outputs, C-Load. 2 DIN rail units.  
ACTinBOX QUATRO is a multifunction actuator with 4 outputs suitable for capacitive loads. It includes advanced logical functions that allow a large variety of different configuration possibilities.

# Actuators



## MAXinBOX 66

Multifunction actuator. 6 outputs x 16A C-Load and 6 inputs. Multifunction sensor-actuator for DIN rail (4.5u) that offers multiple configurations of up to 3 shutter channels or 6 independent outputs of 16A, which all support capacitive loads. It allows manual control of its outputs thanks to the push buttons on the cover. It includes 10 independent logical functions. In addition, it incorporates 6 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Four room thermostats to control heating/cooling systems are included. Accessories: Temperature probes and motion sensor.

ZN110-MB66  
(80 x 90 x 60 mm.)

## MAXinBOX 8

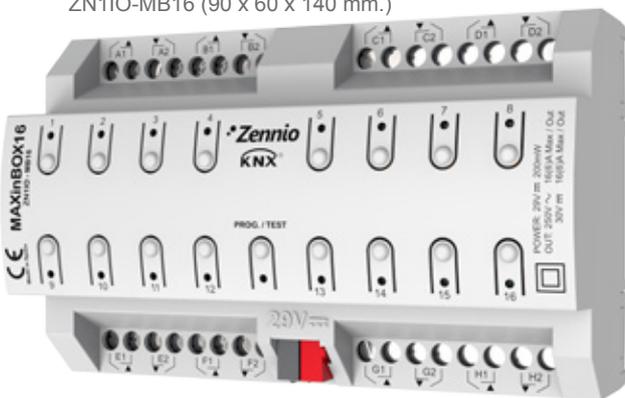
Multifunction actuator. 8 x 16A outputs C-Load. 4.5 DIN rail units. MAXinBOX 8 is a multifunction actuator for DIN rails that offers multiple configurations of up to 4 shutter channels or 8 independent outputs of 16A, which support capacitive loads. It allows manual control of its outputs thanks to the push buttons on the cover. It includes 10 independent logical functions.



ZN110-MB8 (80 x 90 x 60 mm.)

## MAXinBOX 16

Multifunction actuator. 16 x 16A outputs C-Load. 8 DIN rail units. MAXinBOX 16 is a multifunction actuator for DIN rails that offers multiple configurations of up to 8 shutter channels or 16 independent outputs of 16A, which support capacitive loads. It allows manual control of its outputs thanks to the push buttons on the cover. It includes 10 independent logical functions.



ZN110-MB16 (90 x 60 x 140 mm.)

# Actuators

## MAXinBOX SHUTTER 8CH



ZIO-MBSHU8  
(90 x 60 x 140 mm.)

Shutter actuator with 8 channels. It includes a module with 20 logical functions and allows manual control of the outputs with status indication through LEDs.

## Shutter Coupler 1CH



ZAC-SHUC1C  
(90 x 69 x 37 mm.)

AC/DC Shutter adaptor that converts the shutter channel AC output into a DC output to control 12/24VDC shutters.

## MAXinBOX SHUTTER 4CH



ZIO-MBSHU4  
(80 x 90 x 60 mm.)

Shutter actuator with 4 channels. It includes a module with 20 logical functions and allows manual control of the outputs with status indication through LEDs.  
\*Check availability.

## Shutter Coupler 2CH



ZAC-SHUC2C  
(90 x 69 x 37 mm.)

AC/DC Shutter adaptor that converts up to two shutter channel AC outputs into DC outputs to control 12/24VDC shutters.

# Energy Saving

ZN1AC-CST60

**KES**  
Energy saver



ZN1IO-KES  
(45 x 45 x 14 mm.)

## KES. KNX Energy Saver

KES is Zennio's contribution to reducing energy consumption. It allows the measurement of instantaneous electric power and the energy consumed by up to three different monophase circuits or a single triphase circuit. In addition, KES provides information about the corresponding CO2 emissions and it estimates the cost.

Accessory: Current transformer ZN1AC-CST60.

## KCI. KNX interface for Consumption Meters

KNX Consumption Interface (KCI) is the Zennio KNX interface for four consumption meters with S0-pulse outputs to monitor their electricity (energy and power), water and/or gas (volume and flow rate) consumption measure in the KNX bus. A removable battery allows buffering S0 pulses during a KNX power failure and recovers the real consumption afterwards. LED indicators make the user able to check the existence of communication through each S0 channel, as well as the battery status (low battery and/or run out of battery), which is also indicated in the KNX bus. DIN rail mounting device (2 DIN rail units).

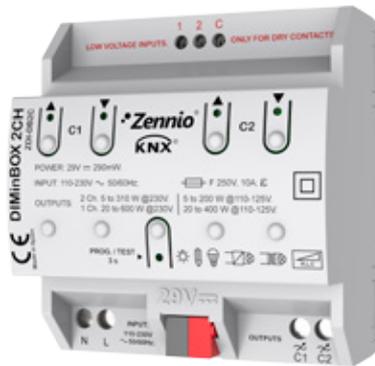


ZRX-KCI4S0  
(90 x 69 x 37 mm.)



ZN1VI-TP41C-A  
(123 x 90 x 13 mm.)

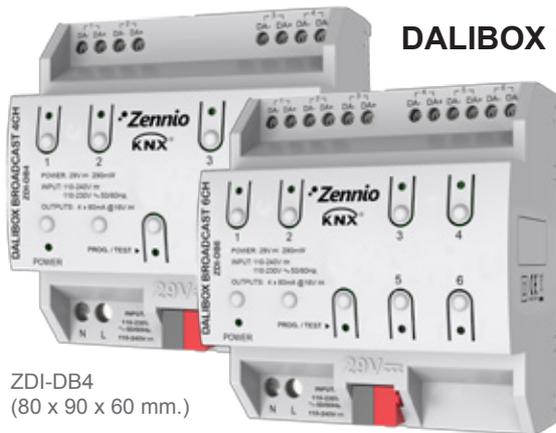
# Light Dimming



ZDI-DB2C  
(80 x 90 x 60 mm.)

## DIMinBOX 2CH

Universal DIMMING actuator (RLC, LED, CFL): 2 channels for up to 310W or 1 channel for up to 600W @ 230VAC (2 channels for up to 200W or 1 channel for up to 400W @ 110-125VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs thanks to the push buttons on the cover. It includes 10 independent logical functions. In addition, it incorporates 2 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Error detection: short circuit, voltage surge, overheating, anomalous frequency, supply voltage failure, open circuit, parameterization error. Accessories: Temperature probes and motion sensor.



ZDI-DB4  
(80 x 90 x 60 mm.)

## DALIBOX BROADCAST 4CH

## DALIBOX BROADCAST 6CH

KNX Interface to control up to 4/6 channels of up to 20 ballasts with broadcast commands, with the possibility to control up to 10 scenes/sequences for each channel. It allows manual control and status indicator LEDs for each channel. \*Check availability.

ZDI-DB6  
(80 x 90 x 60 mm.)

# Light Dimming

## Lumento C3



ZDI-RGBCC3  
(144 x 44 x 22 mm.)

LED dimmer with **3 channels** (RGB or single channels) oriented to LED technology with **constant current** regulation. The dimming channels can be configured as 3 independent channels or 1 RGB channel. It has a manual test button to check the channels functioning. Maximum current selection with parameter and manual selector: 220, 300, 350, 500, 550, 630, 700 or 750, 900 and 1000 mA.

LED dimmer with **4 channels** (RGBW or single channels) oriented to LED technology with **constant current** regulation. The dimming channels can be configured as 4 independent channels, 1 RGBW channel or 1 RGB channel + 1 individual channel. It has a manual test button to check the channels functioning. Maximum current selection with parameter and manual selector: 220, 300, 350, 500, 550, 630, 700 or 750, 900 and 1000 mA.

## Lumento C4



ZDI-RGBCC4  
(144 x 44 x 22 mm.)

## Lumento X3



ZN1DI-RGBX3  
(144 x 44 x 22 mm.)

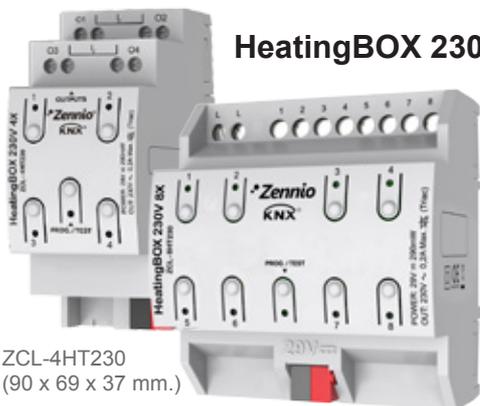
LED lighting controller. **3 channels** (RGB). LUMENTO X3 is a 3 channel (RGB) controller of up to 2.5A / channel, designed for 12 to 24 V LED technology. Channel dimming is based on varying the **constant voltage** by pulse width modulation (PWM). LUMENTO X3 has a test push button in order to check the correct operation of the 3 channels. It is highly configurable and allows easy control of all the channels together or each channel independently.

LED lighting controller. **4 channels** (RGBW). LUMENTO X4 is a 4 channel (RGBW) controller of up to 2.5A / channel, designed for 12 to 24 V LED technology. Channel dimming is based on varying the **constant voltage** by pulse width modulation (PWM). LUMENTO X4 has a test push button in order to check the correct operation of the 4 channels. It is highly configurable and allows easy control of all the channels together or each channel independently.

## Lumento X4



ZN1DI-RGBX4  
(144 x 44 x 22 mm.)



## HeatingBOX 230V 4X

## HeatingBOX 230V 8X

Actuators for climate systems based on water pipes which allows the control of up to 4/8 outputs for on/off valves operated at 230VAC with an independent thermostat for each output. It includes a module with 10 logical functions and allows manual control of the outputs with status indication through LEDs.  
\*Check availability.

ZCL-4HT230  
(90 x 69 x 37 mm.)

ZCL-8HT230  
(80 x 90 x 60 mm.)

## Multiroom Climate Controller - MCC

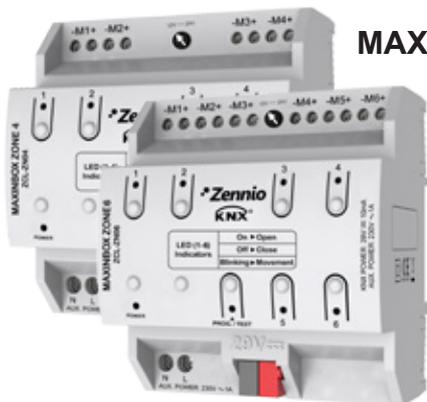
Climate controller for up to 14 rooms with an independent thermostat in each room that works according to the room status: sold/unsold and occupied/non-occupied. It allows a dynamic configuration of the service facilities such as hotels, hospitals, etc., where the central control with a BMS (Building Management System) is required. Master/slave function with a backup device.



ZCL-MCC  
(90 x 69 x 37 mm.)

ZCL-ZN04  
(80 x 90 x 60 mm.)

## MAXinBOX ZONE 4



## MAXinBOX ZONE 6

Actuators for air conditioning climate systems with zoning. It controls motorized 12/24VDC grilles in up to 4/6 zones. Temperature management in up to 8/12 zones with an additional MAXinBOX ZONE 4 / MAXinBOX ZONE 6 to activate the additional 4/6 zones. Management of settings for the air conditioning climate systems (up to two units): on/off, setpoint, mode, fan speed, according to the zones enabled. Manual control of outputs and LED indicators of movement of the grilles.  
\*Check availability.

ZCL-ZN06  
(80 x 90 x 60 mm.)

ZCL-2XFC2P  
(90 x 60 x 35 mm.)



## MAXinBOX FANCOIL 2CH2P

## MAXinBOX FANCOIL 4CH2P

Fan coil controllers for up to 2/4 units of 2-pipes fan coil. It includes a module with 20 logical functions and allows manual control of the outputs with status indication through LEDs.

\*Available (ZCL-4XFC2P).

\*Check availability (ZCL-2XFC2P).

ZCL-4XFC2P  
(90 x 60 x 140 mm.)

MAXinBOX Hospitality is a fan coil controller for 2 or 4 pipe units with up to three fan speeds and two 2-points valves. It has 2 outputs of 16A C-Load. Moreover, it has 6 analog-digital multifunction inputs that can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. It includes Master Light function, 10 logical functions and allows manual control of the outputs with status indication through LEDs. Accessories: temperature probe and motion sensor.

## MAXinBOX HOSPITALITY



ZCL-HP126 (80 x 90 x 60 mm.)



## ACTinBOX QUATRO FAN COIL

## ACTinBOX MAX6 FAN COIL

Fan coil controller of 2 and 4 pipes.

The fan coil controllers are based on ZN110-AB40 and ZN110-AB60 actuators, and they are designed to be used with 2 and 4 pipes, 3 fan speed fan coil units respectively. A dedicated application offers a huge number of configuration possibilities, and this functionality is complemented with an independent logic functions module.

ZN110-AB60  
(90 x 60 x 35 mm.)

ZN110-AB40  
(90 x 60 x 35 mm.)



ZN1CL-IRSC  
(45 x 45 x 14 mm.)

## IRSC - IRSC ZONE

A/C unit control module. IRSC is a KNX infrared air conditioner controller able to manage more than 300 A/C unit models from different manufacturers.



ZCL-FC010F  
(80 x 90 x 60 mm.)

## MAXinBOX FC 0-10V FAN

Controller for up to two 2-pipe or 4-pipe fan coil units with on/off valves and 0-10VDC fan speed control signal. Mounted on DIN rails (4.5u). 4 multifunction outputs of 16A C-Load that can be used for the control of the fan coil on/off valves or any other purpose. Includes 4 analog-digital multifunction inputs that can be configured as binary inputs. It also includes 2 thermostats and 10 logical functions. Status indication through LEDs. Accessories: temperature probe and motion sensor.



ZCL-FC010V  
(80 x 90 x 60 mm.)

## MAXinBOX FC 0-10V VALVE

Controller for one 2-pipe or 4-pipe fan coil unit with 0-10V valves. Its 4 16A C-load outputs can be used to control the fan speed or as individual outputs. It has thermostat function and 4 analog-digital multifunction inputs that can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. It includes a module with 10 logical functions and allows manual control of the outputs with status indication through LEDs. Accessories: temperature probe and motion sensor.

# Daikin Interfaces



ZN1CL-KLIC-DI  
(90 x 60 x 35 mm.)

## KLIC-DI

KNX bus to commercial and industrial Daikin units interface. 2 DIN rail units. KLIC-DI is a bidirectional communication interface for integrating commercial and industrial air-conditioning units manufactured by Daikin with KNX.



ZN1CL-KLIC-DA  
(90 x 60 x 35 mm.)

## KLIC-DA

KNX bus to Altherma by Daikin units interface. 2 DIN rail units. KLIC-DA is a bidirectional communication interface for integrating Altherma units manufactured by Daikin with KNX.



ZN1CL-KLIC-DD  
(45 x 45 x 14 mm.)

## KLIC-DD

KNX bus to residential Daikin interface. KLIC-DD is a bidirectional communication interface for integrating domestic air-conditioning units manufactured by Daikin with KNX.

# Interfaces & Sensors



ZN1RX-SKXOPEN  
(45 x 45 x 14 mm.)

## SKX-OPEN / ADVANCE

KNX Bus to RS-232 interface.

SKX OPEN is a KNX-RS232 bidirectional communication interface. SKX Open allows integrating external devices with KNX, via an RS232 port. The main feature is the possibility of integrating multiple devices with KNX regardless of the protocol and manufacturer. Configurable RS232 communication control. RS232 cable included.

## QUAD

Analog/digital sensor.

QUAD is an analog/digital sensor that offers a large variety of functionality. Its 4 opto-coupled multi-function inputs may be configured as digital inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Four room thermostats for heating/cooling control systems included.

Accessories: Temperature probes and motion sensor.



ZN110-4IAD  
(45 x 45 x 14 mm.)



ZN1CL-IRSC  
(45 x 45 x 14 mm.)

## IRSC-OPEN

IR-KNX Bus unidirectional open protocol interface.

IRSC OPEN is a KNX BUS interface that allows control of audio/video consumer electronics via an infrared transmitter.

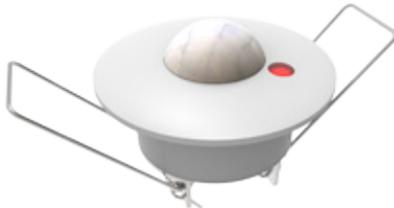


ZN1AC-SQAT  
(90.2 x 90.2 x 12 mm.)

## SQ-AmbienT

This accessory completes the Square family to keep a uniform aesthetics when integrating ambient temperature probes, providing beauty to this technical element. Available in standard colors (white, silver and black colors) or customizable design printed on a high-strength tempered glass.

\*Check availability



ZN110-DETEC-P  
ZN110-DETEC-X  
Ø 48.9 mm.

## Motion sensor with luminosity threshold

The motion sensor with infrared detection technology is complemented by an integrated luminosity sensor, which makes the device even more useful (ZN110-DETEC-P). Directly connected to the input of all the Zennio devices that include motion sensor as an option in their inputs module (see the datasheet of the device). Motion detection area can be increased by installing two sensors in parallel to the same input. Easy installation and small size. It does not require any other type of connection or power supply.

## Motion sensor

Motion sensor with infrared detection technology (ZN110-DETEC-X). Directly connected to the input of all the Zennio devices that include motion sensor as an option in their inputs module (see the datasheet of the device). Motion detection area can be increased by installing two sensors in parallel to the same input. Easy installation and small size. It does not require any other type of connection or power supply.



## Temperature probes

Temperature probes available in steel and epoxy.

Steel: 1,5m. (-30°C a 125°C). ZN1AC-NTC68S.

Epoxy stiff cable: 2,3m. (-30°C a 90°C). ZN1AC-NTC68F.

Epoxy: 1,5m. (-30°C a 90°C). ZN1AC-NTC68E.

# System Devices



ZN1SY-LCTP  
(90 x 70 x 35 mm.)

## Zennio Linecoupler

Linecoupler is the KNX linecoupling and line-repeating solution. It connects lines with galvanic isolation filter. Telegram dropping to reduce traffic.



ZN1SY-USBP  
(90 x 36 x 71 mm.)

## KNX USB Interface

KNX installations programmer via USB. KNX and USB Status LED. ETS detects the KNX-USB Interface after connecting to the computer. It allows monitoring the KNX bus with ETS.



ZSY-IP-ROU  
(90 x 70 x 35 mm.)

## KNX-IP ROUTER

Zennio KNX-IP Router can be used as line coupler or area coupler with a IP based backbone or main line, through KNXnet/IP Routing protocol. It also allows programming or monitoring a device from the IP network (PC, BMS system...) by using KNXnet/IP Tunneling protocol (up to 4 connections at the same time).



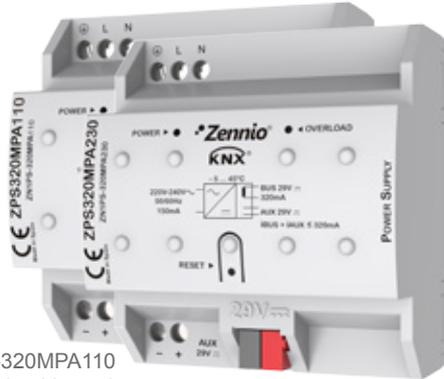
ZSY-IP-INT  
(90 x 70 x 35 mm.)

## KNX-IP INTERFACE

Zennio KNX-IP Interface allows programming or monitoring a device in a KNX subnetwork (line or area) from the IP network (PC, BMS system...) by using KNXnet/IP Tunneling protocol (up to 4 connections at the same time).

# System Devices

## ZPS320MPA110



ZN1PS-320MPA110  
(80 x 90 x 60 mm.)

ZN1PS-320MPA230  
(80 x 90 x 60 mm.)

## ZPS320MPA230

KNX System Power Supply with additional 29VDC output. Maximum current 320mA (KNX bus plus additional output consumption). Reset button and overload status LED, short-circuit and overload protection. 230/110V~ 50/60Hz input voltage. (4.5 DIN rail units).

ZN1PS-640MPA110  
(80 x 90 x 60 mm.)

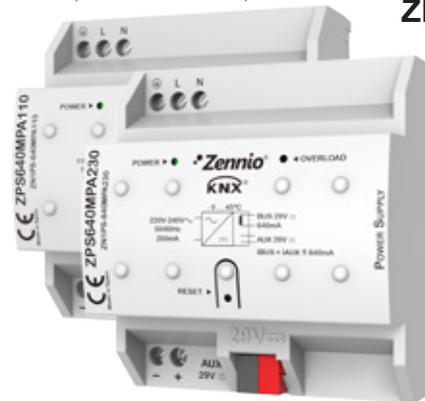
## ZN1PS-160MPA



ZN1PS-160MPA  
(90 x 60 x 35 mm.)

KNX power supply 160mA. 2 DIN rail units. ZN1PS-160MPA is a KNX 160mA power supply. This power supply is ideal for small KNX installations. It includes an integrated choke. Additional 29VDC output. Max. 250mA.

## ZPS640MPA110



ZN1PS-640MPA230  
(80 x 90 x 60 mm.)

## ZPS640MPA230

KNX System Power Supply with additional 29VDC output. Maximum current 640mA (KNX bus plus additional output consumption). Reset button and overload status LED, shortcircuit and overload protection. 230/110V~ 50/60Hz input voltage. (4.5 DIN rail units).

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