

VARIA **KNX**®



**Individual room controller  
with multi-function display  
and control unit**

## Example of use Control of living room functions



### ■ Living room

Theben offers a multi-function display and control unit to suit any modern living space. Heating, ventilation and air conditioning room functions can be easily and economically controlled automatically. Equally blinds, shutters and awnings can be controlled automatically when the owners are absent, when used in conjunction with the Theben Weather Station.



## Example of use Automatic function protects fabrics and plants in the conservatory even during absence



### ■ Conservatory

Optimum environmental control through automatic ventilation in the summer and pleasantly warm under-floor heating in the winter; are decisive factors for enjoying the benefits of a conservatory and for providing the right environment for plants to flourish. Different light settings can be programmed to provide perfect lighting, for example dimmed lights for watching television or the right lighting level for reading a thrilling book in the evening. And, of course, everything can be changed at the press of a button.



## Example of use

### Saving energy through demand-controlled room functions



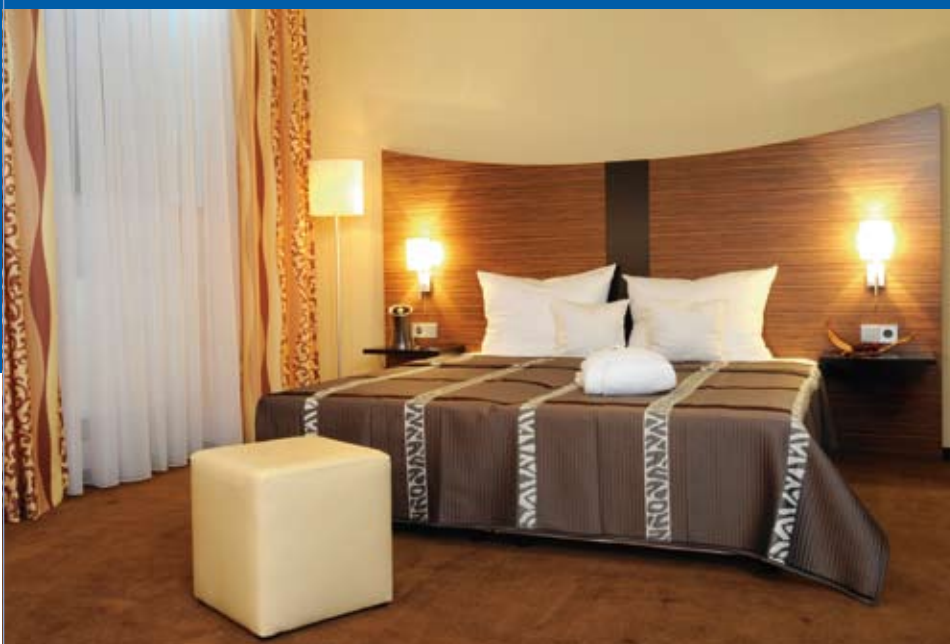
#### Office

Regular operating times can be set so that the working space is comfortable when it's time to work. You can also use an optional presence detector to automatically control the room functions to suit your individual requirements which means that lighting and air conditioning are automatically controlled as long as you are in the work room. Energy can be saved outside the operating times.



## Example of use

### Remote control and individual adjustment on-site by the guest



#### Hotel room

The remote setting of temperature and light levels is particularly useful in hotel rooms when occupied by guests. At the same time, guests should be able to adjust settings to meet their own requirements. This is not a problem as the desired night time temperature can be selected or blinds closed at the touch of a button. Lighting and air conditioning are turned down when a guest leaves their room for an extended period.



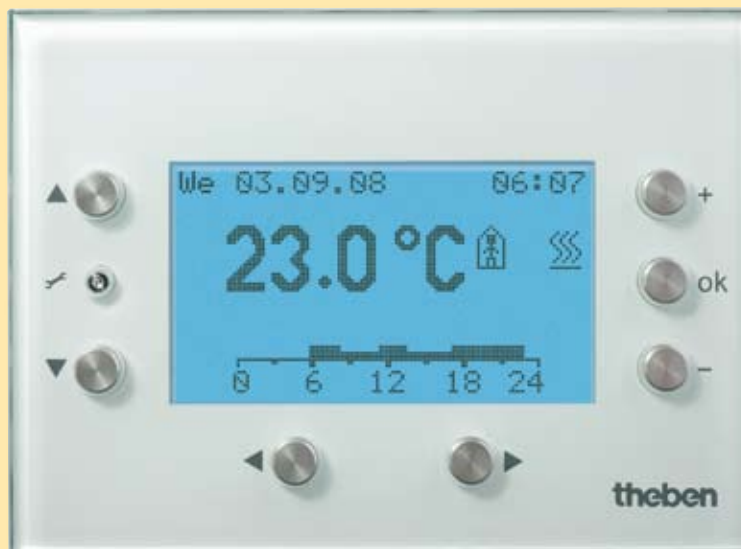
# VARIA – the intelligent control and operating device

VARIA 826 KNX

KNX

Line pointing up  
Line pointing down

Change +/- values/ON OFF/light setting



Confirm

leaf through the display pages  
max. 7 pages



**There is something in the air.** Fresh air in modern office buildings, and private households is usually provided by ventilation systems – and they are controlled by timer programs. They guarantee a regular and sufficient supply of fresh air at set times – with extremely positive effects in terms of health, concentration and performance of the occupants.

## Energy saving control of heating, ventilation and air conditioning as well as blinds and lighting



**Individual room control for up to 8 rooms** with different time/temperature profiles. Control of the other 7 rooms through sending of comfort and reduction commands according to individual time profiles to other RAMSES 713 S room thermostats. Individual manual temperature adjustments are possible in all rooms.



**Sun protection and awning control** with individual and group control. Desired positions can be stored and directly accessed. Up to 3 facades can be controlled according to the position of the sun and, for safety reasons, depending on wind, rain and temperature in combination with the weather station and the LUNA 131 brightness sensors.



**Central functions and light settings.** It is simplicity itself to light the hall kitchen and living room at the touch of a button. The "reading" or "television" light settings automatically switch or dim the right lights.



**Lighting control with dimming function** is practical for families with small children. If the nightlight is to be slowly dimmed automatically or more security is required through a minimum level of hall lighting.



VARIA 826 KNX

■ **VARIA 826 KNX multi-function display**  
**Room temperature controller with display screen and integrated timer (clock thermostat)**

- Glass cover in white that is easy to clean and scratchproof
- Easy to use aluminium buttons
- Dimmable background lighting
- Integrated heating control and, if required, control of cooling/air conditioning

■ **The technology**

- Up to 7 different display pages
- Freely configurable pages for displaying and controlling functions e.g. light settings, sun protection systems (40 values/ functions)
- Automatic summer/winter time settings with power reserve
- Controls up to 8 rooms through own temperature profiles
- Weekly timer with 8 channels with up to 3 different statuses, e.g. for light, shutters, fans etc.
- 3 heating programs
- Optional continuous or two point control
- Operation modes: comfort, standby, temperature reduction at night, frost protection
- Also for fan coils e.g. Theben fan coil actuator
- Weather data on Theben weather station can be displayed (with min/max values e.g. for temperature)
- Freely programmable via ETS without „plug in“
- Display of physical address
- Reception and display of 14 byte text strings (e.g. music title)
- Assembly on flush-mounted housing

**Technical data:**

**Mains power supply**  
**Operating voltage:** 230 V, 50 Hz, ±10 %

**Power draw:** < 2.5 VA

**Bus power supply**

**Power draw:** < 8 mA

**Bus connection:** Bus terminal

**Display:** Dot matrix display with 132 x 72 points

**Display lighting:** LCD with white backlighting, dimmable

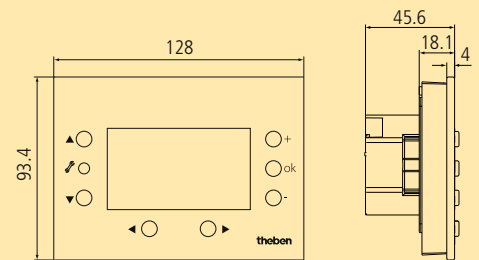
**Display:** 8 lines with different functions can be selected e.g. title, switching, dimming blinds/shutters, % value (EIS 6), heating/air conditioning/ventilation, 8 bit counter value 2-byte value (EIS 5), 8/16 bit counter value

**Power reserve:** 1.5 years

**Permitted operating temperature:**  
 0°C ... + 45°C

**Protection rating:** IP 20 as per EN 60529

**Housing:** approx. 93 x 128 x 15 mm



See [www.theben.de](http://www.theben.de) for product database and manuals

**Order number:**

VARIA 826 KNX

826 9 200



VARIA 824 KNX

■ **VARIA 824 KNX multi-function display  
Room temperature controller with display  
screen and integrated timer (clock thermostat)**

- White plastic housing
- Large easy to use buttons
- Display pages can be selected via slide switch
- Dimmable background lighting
- Integrated heating control and, if required, control of cooling/air conditioning

■ **The technology**

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- Freely configurable pages for displaying and controlling functions e.g. light settings, sun protection systems (40 values/ functions)
- Automatic summer/winter time settings with power reserve
- Controls up to 8 rooms through own temperature profiles
- Weekly timer with 8 channels with up to 3 different statuses, e.g. for light, shutters, fans etc.
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**Mains power supply**

**Operating voltage:** 230 V, 50 Hz, ±10 %

**Power draw:** < 2.5 VA

**Bus power supply**

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**Bus connection:** Bus terminal

**Display:** Dot matrix display with 132 x 72 points

**Display lighting:** LCD with white backlighting, dimmable

**Display:** 8 lines with different functions can be selected e.g. title, switching, dimming blinds/shutters, % value (EIS 6), heating/air conditioning/ventilation, 8 bit counter value 2-byte value (EIS 5), 8/16 bit counter value

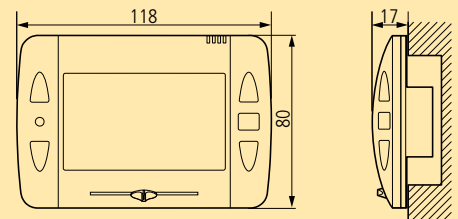
**Power reserve:** 1.5 years

**Permitted operating temperature:**

0°C ... + 45°C

**Protection rating:** IP 20 as per EN 60529

**Housing:** approx. 80 x 118 x 17 mm



**Order number:**

VARIA 824 KNX

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# theben®

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