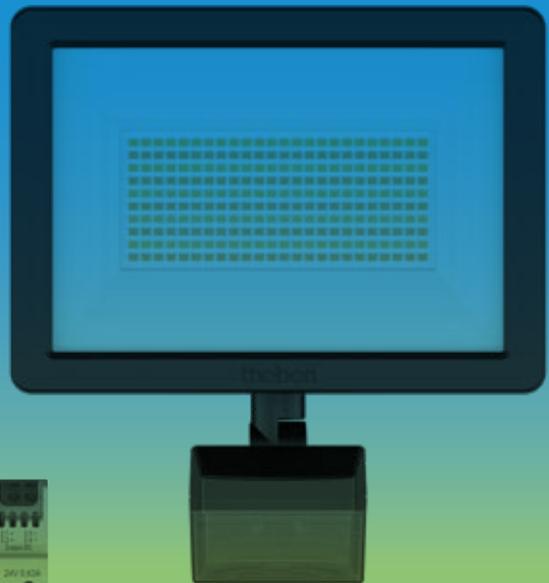
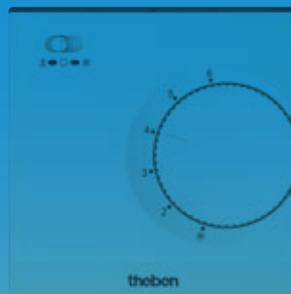
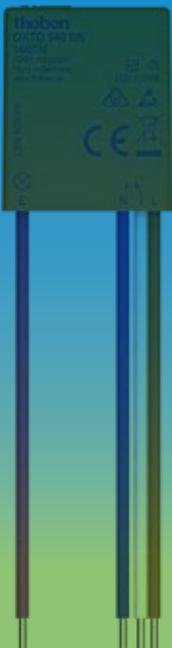
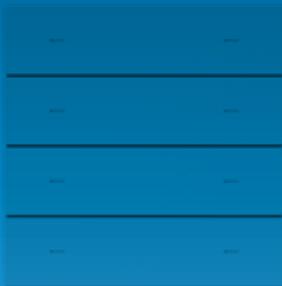


News #03 | 2025





iONprime PB push-button sensor

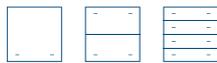
Overview Types, colors, and materials

Brushed brass



9080058 9080065 9080072

Brushed aluminum



9080057 9080064 9080071

Black metal (matte)



9080059 9080066 9080073

White metal (matte)



9080060 9080067 9080074

Plastic black



9080062 9080069 9080076

Plastic white



9080061 9080068 9080075

Plastic gray



9080063 9080070 9080077

Overview Functions

Sensor for temperature, humidity (relative), AQI (air quality index), proximity, and brightness

1 base unit for all rockers

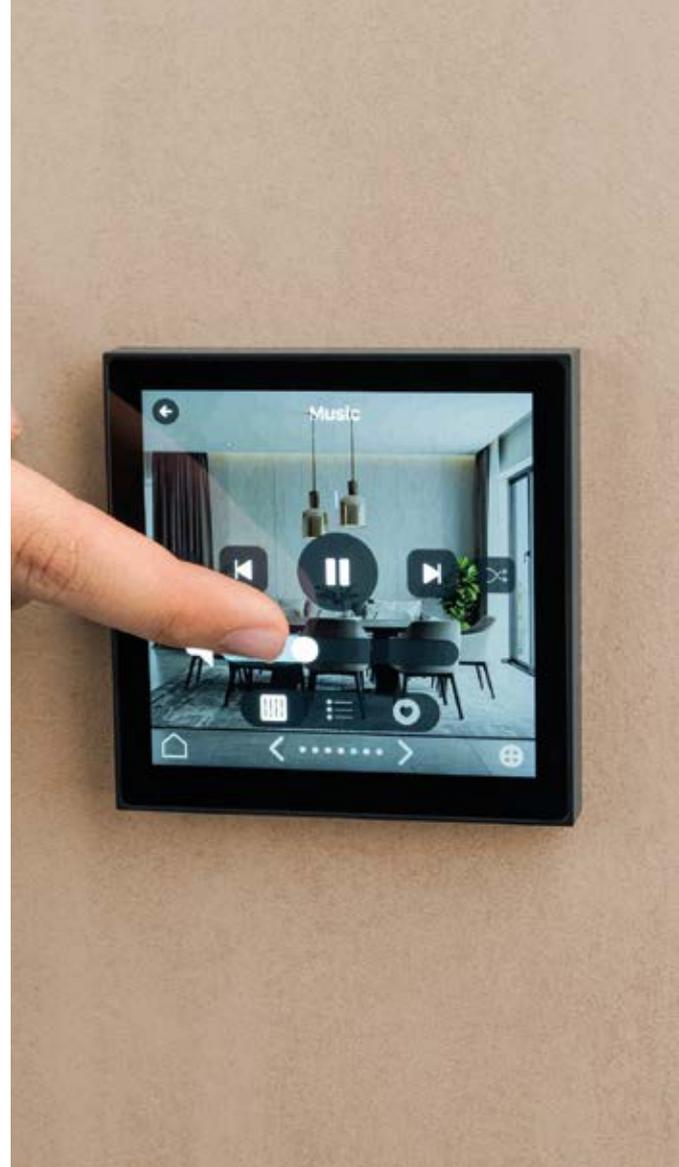


RGB LEDs per button

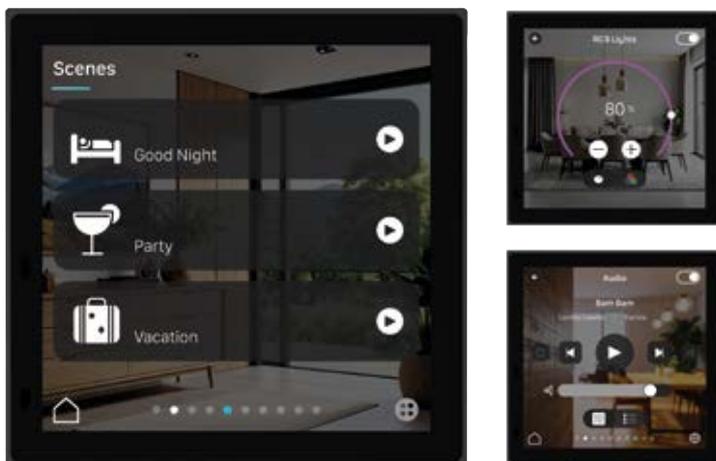
Rockers in 3 variants (single, double, quadruple) available in 7 colors and materials

iONprime Push-button sensor & room controller For rooms that think for themselves

The iONprime series combines technological precision with architectural clarity. Whether as a **push-button sensor or room controller**, the system blends harmoniously into any room concept with high-quality metal, aluminum, or brass surfaces and **can be seamlessly integrated into KNX systems**. Minimalist in design, maximum in function.



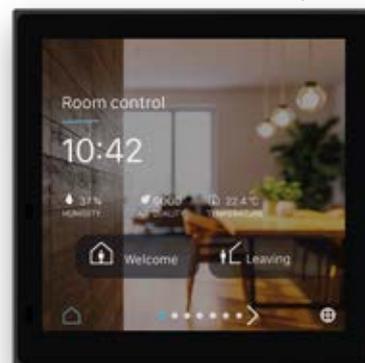
iONprime CP 4 room controller Example views



Overview Functions

Room controller for temperature, humidity (relative), proximity and brightness

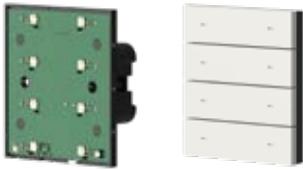
Screen resolution:
480 x 480 px



Maximum of 6 pages
with 48 functions

Freely selectable background images

KNX push-button sensor

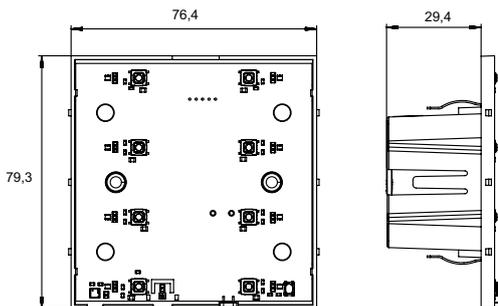


- 2-/4-/8-way KNX push-button sensor, KNX TP
- One base unit for all rockers, rockers in 3 variants (1-gang, 2-gang, 4-gang) available in 7 colors and materials with a high-quality look and feel, rockers required as separate accessories
- RGB LEDs per button
- Integrated sensor for temperature, humidity (relative), AQI (air quality index), proximity, and brightness
- For controlling and operating various functions such as switching, dimming, blind or room climate control in residential and commercial buildings

Design	Material	Color	Type	Item no.
Push-button sensor, basic module	-	-	iONprime PB KNX	4969301 *
1-way rocker	Metal	Aluminium	iONprime PB 1R ABR	9080057 *
		Brass	iONprime PB 1R MBR	9080058 *
		Black (similar to RAL 9004)	iONprime PB 1R MBK	9080059 *
		White (similar to RAL 9016)	iONprime PB 1R MWH	9080060 *
	Plastic	White (similar to RAL 9016)	iONprime PB 1R PWH	9080061 *
		Black (similar to RAL 9004)	iONprime PB 1R PBK	9080062 *
		Grey (similar to RAL 7044)	iONprime PB 1R PGR	9080063 *
2-way rocker	Metal	Aluminium	iONprime PB 2R ABR	9080064 *
		Brass	iONprime PB 2R MBR	9080065 *
		Black (similar to RAL 9004)	iONprime PB 2R MBK	9080066 *
		White (similar to RAL 9016)	iONprime PB 2R MWH	9080067 *
	Plastic	White (similar to RAL 9016)	iONprime PB 2R PWH	9080068 *
		Black (similar to RAL 9004)	iONprime PB 2R PBK	9080069 *
		Grey (similar to RAL 7044)	iONprime PB 2R PGR	9080070 *
4-way rocker	Metal	Aluminium	iONprime PB 4R ABR	9080071 *
		Brass	iONprime PB 4R MBR	9080072 *
		Black (similar to RAL 9004)	iONprime PB 4R MBK	9080073 *
		White (similar to RAL 9016)	iONprime PB 4R MWH	9080074 *
	Plastic	White (similar to RAL 9016)	iONprime PB 4R PWH	9080075 *
		Black (similar to RAL 9004)	iONprime PB 4R PBK	9080076 *
		Grey (similar to RAL 7044)	iONprime PB 4R PGR	9080077 *

* Available from December 2025

Dimensional drawings



KNX room controller



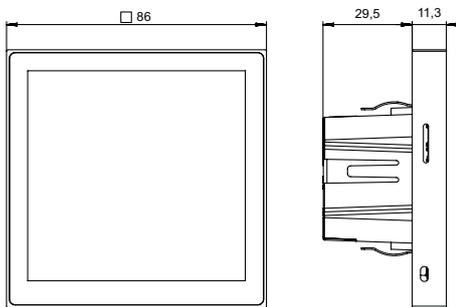
- KNX room controller, KNX TP, with integrated temperature controller for temperature, humidity (relative), proximity, and brightness
- 4-inch touch display with screen resolution 480 x 480 px
- Enables the control and operation of various functions such as switching, dimming, blind or room climate control in residential and commercial buildings on up to 6 pages (each with 8 functions)

- Freely selectable background images via micro SD card

Color	Type	Item no.
Black	iONprime CP 4 KNX	4969300 *

* Available from December 2025

Dimensional drawings





Touch sensors and room controllers iON G series with elegant glass front

The proven **iON series** from Theben is expanding: the new iON push-button sensors and room controllers **with a flat glass design** in black and white are now available. The devices are available for both KNX building automation and the LUXORliving smart home system – and offer maximum data security thanks to KNX Data Secure.

Theben iON KNX push-button sensors are available in various designs: as 1-way (2 buttons), 2-way (4 buttons), and as room controllers with LCD display and Bluetooth interface. Depending on the device, up to 20 functions can be controlled via a single button. iON KNX push button sensors are characterized by their extensive functionality and particularly simple operation. The iON 108 KNX room controller with LCD and integrated room temperature controller increases ease of use and convenience thanks to its Bluetooth interface. All push buttons have an integrated bus coupler and can be programmed without the ETS app.



Theben iON KNX push buttons and room controllers with integrated temperature sensors enable various functions in KNX installations to be triggered at the touch of a button. For example,

- Switching lights on/off and dimming them
- Adjusting light colors and calling up lighting scenes
- Raise and lower blinds
- Trigger and save user-specific scenes
- Operating central or group functions

Home and building automation

LUXORliving smart home system

LUXORliving glass push buttons



- Glass push button with integrated temperature sensor
- Control of switching, dimming, blind, and scene functions in the LUXORliving system
- Multicolor status LEDs
- Automatic brightness control of the status LEDs depending on the ambient brightness
- Integrated temperature sensor for room temperature control with LUXORliving heating actuators
- Vertical mounting of two iON push buttons on standard double box with accessories possible (standard combination distance 71 mm)
- Transparent cover for individual labeling included in delivery
- Surface mounting possible with separate accessories (9080024/9080025)

Design	Color	Type	Item no.
2 buttons, 2 status LEDs	White, similar to RAL 9016	LUXORliving iON2 G WH	4803412
	Black, similar to RAL 9005	LUXORliving iON2 G BK	4804412
4 buttons, 4 status LEDs	White, similar to RAL 9016	LUXORliving iON4 G WH	4803414
	Black, similar to RAL 9005	LUXORliving iON4 G BK	4804414

LUXORliving glass room controller



- Glass room controller with integrated room temperature controller
- LC display for showing functions, icons, and values
- 10 freely configurable functions
- Display of various icons for the respective functions
- Control of switching, dimming, blinds, scene, and temperature control functions
- Automatic brightness control of the display depending on the ambient brightness
- Vertical mounting of two iON push buttons on standard double box with accessories possible (standard combination distance 71 mm)
- Surface mounting possible with separate accessories (9080024/9080025)

Color	Type	Item no.
White, similar to RAL 9016	LUXORliving iON8 G WH	4803418
Black, similar to RAL 9005	LUXORliving iON8 G BK	4804418

Dimensional drawings



KNX glass push buttons



- 2- or 4-way glass push button sensor, KNX TP, Data Secure
- Touch sensor with 2/4 buttons and 2/4 status LEDs with integrated temperature sensor
- Control of the following functions: switching, dimming, blinds, value transmitter, operating mode, scene, color control, sequence
- Secure commissioning and communication through support of KNX Data Secure
- Up to 3 different telegrams per button
- Send different telegrams with short, long, or double clicks
- Multicolor status LEDs with adjustable colors for each LED separately
- Behavior of each status LED adjustable: static, flashing, or pulsing
- Brightness of each status LED individually adjustable via object or parameter
- Automatic brightness control of the status LEDs depending on the ambient brightness
- Integrated temperature sensor for visualization and temperature control via heating actuators
- Function monitoring via object (signaling of disassembly)
- Vertical mounting of two iON push-button sensors on standard double socket with accessories possible
- Transparent cover for individual labeling included in delivery
- Surface mounting possible with separate accessories (9080024/9080025)

Design	Color	Type	Item no.
2 buttons, 2 status LEDs	White, similar to RAL 9016	iON 102 KNX G WH	4969282
	Black, similar to RAL 9005	iON 102 KNX G BK	4969292
4 buttons, 4 status LEDs	White, similar to RAL 9016	iON 104 KNX G WH	4969284
	Black, similar to RAL 9005	iON 104 KNX G BK	4969294

KNX glass room controller



- Glass room controller, 20 functions, KNX TP, Data Secure
- Integrated temperature controller for regulating and controlling operating mode, temperature, and fan speed
- Access to the room controller via Bluetooth and operation with the iONplay app
- Secure commissioning and communication through support of KNX Data Secure
- LC display for showing functions, icons, and values
- Integrated temperature controller for regulating and controlling operating mode, temperature, and fan speed
- 20 freely configurable functions
- Free assignment of icons to functions (40 icons to choose from)
- Control of the following functions: switching, dimming, blinds, value transmitter, operating mode, scene, color control, sequence
- Display brightness individually adjustable via object or parameter
- Automatic brightness control of the display depending on the ambient brightness
- Function monitoring via object (signaling of disassembly)
- Vertical mounting of two iON push-button sensors on standard double socket with accessories possible
- Surface mounting possible with separate accessories (9080024/9080025)

Color	Type	Item no.
White, similar to RAL 9016	iON 108 KNX G WH	4969288
Black, similar to RAL 9005	iON 108 KNX G BK	4969298

Dimensional drawings



Home and building automation

KNX

KNX line coupler Secure



- Area coupler for connecting the KNX backbone (main line) to an area line (subline)
- Line coupler for connecting an area line (main line) to a line (subline)
- Segment coupler for extending a line (main line) with additional segments (subline), only available with ETS 6
- Filter functions for group telegrams and physically addressed telegrams can be configured
- Filtering, forwarding and blocking of encrypted and unencrypted telegrams regardless of commissioning as a KNX Data Secure product
- Secure proxy for secure data exchange between secure devices and devices that are not secured via KNX Secure, only available with ETS 6
- Project planning and commissioning of the device from ETS 4 onwards when used as an area coupler, line coupler or line amplifier. With ETS 6 (recommendation from 6.1.0 onwards), additional use as a segment coupler and use of the Secure Proxy
- Width 2 modules

Type	Item no.
Line coupler Sec KNX	9080048 *

* Available from December 2025

Power supply 24 V DC



- Primary clocked power supply 24 V DC, 0.63 A
- For supplying power to 24V devices, for example the 24V versions of the Meteodata 140 S KNX
- Width 1 module
- Wide-range input voltage (100-240 V AC / 110-250 V DC)
- Push-in plug-in terminals (double connections, 45° angle)
- Highest energy efficiency in idle and partial load operation (Efficiency Level VI)

Type	Item no.
PS 24V DC	9080034 **

** Available from January 2026

KNX Secure: Your added security in the smart home and smart building

Whether it's protecting privacy in the smart home or protecting sensitive data in the smart building, it's now more important than ever to prevent data theft and manipulation in networked building technology. The EU Cyber Resilience Act also requires high security standards for building automation components. This is where KNX Secure comes in. You can find an overview of these and other Theben products with KNX Secure at:

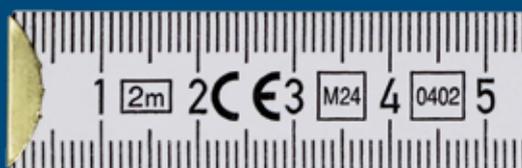
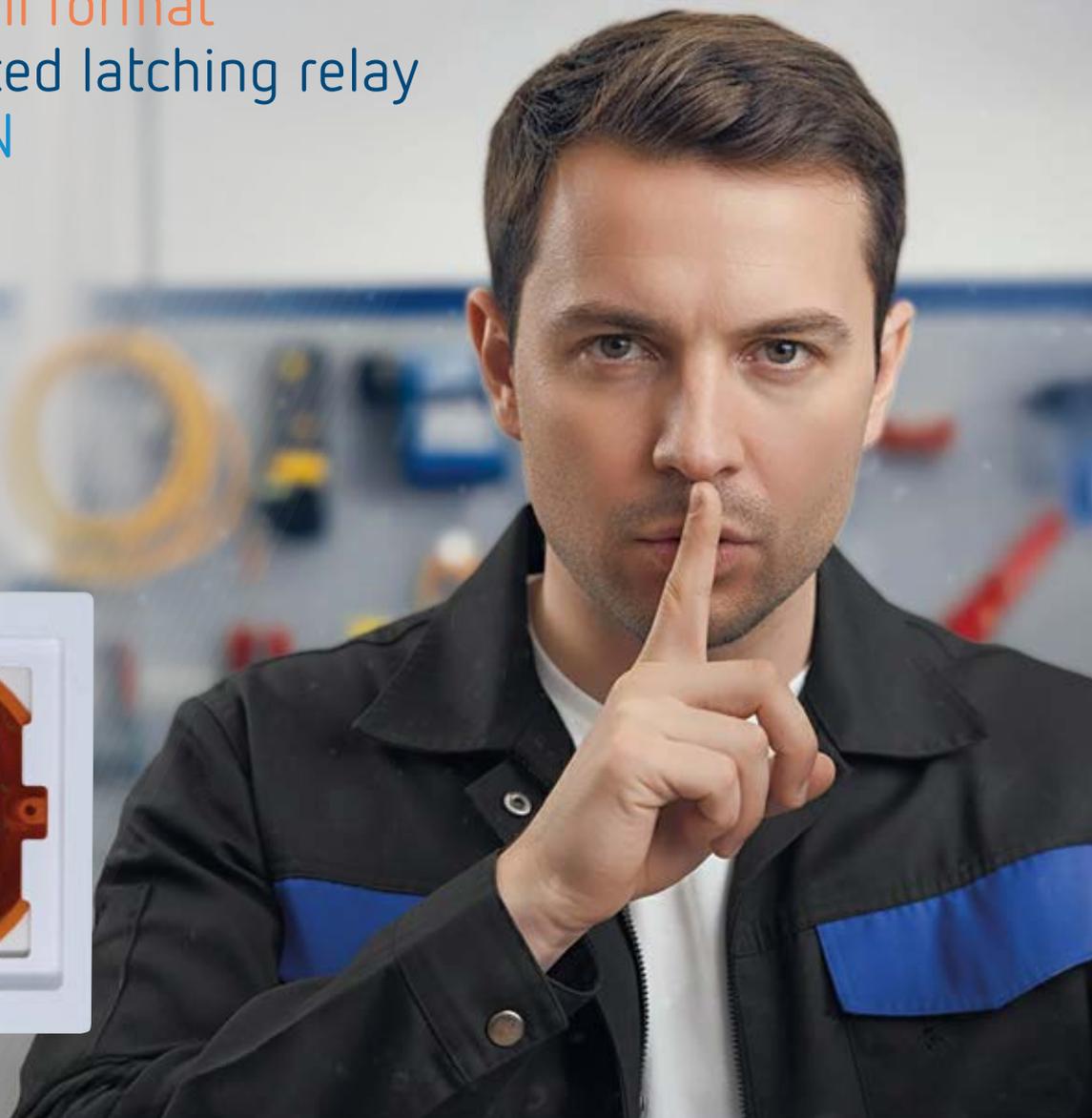
[www.theben.de/solutions-en-gb/
knx-solutions/knx-secure/](http://www.theben.de/solutions-en-gb/knx-solutions/knx-secure/)



Silent in small format

Flush-mounted latching relay

OKTO 540 BN



Always fits, even when space is tight

Thanks to its extremely compact design, the OKTO 540 BN can be easily installed in small and flat flush-mounted boxes or even directly in furniture and lighting fixtures.

Switching without clicking

Its completely silent switching ensures comfort in sensitive environments — whether bedrooms, hotel rooms, patient rooms or theaters.

Permanently protected – inside and out

The fully encapsulated housing makes the surge switch maintenance-free and provides reliable protection against moisture, dirt, and animal damage.

Mount instead of screw: connect the cable, done

The pre-assembled connection cables save valuable time, prevent errors, and ensure fast, safe installation.

Mini impulse switch

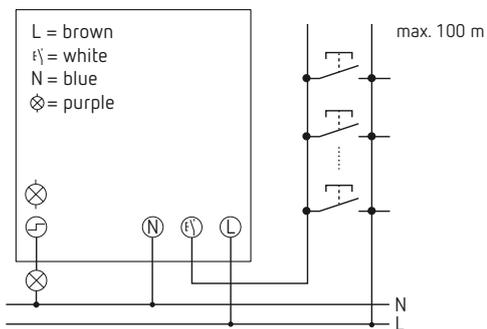


- Electronic latching relay
- Convenient light control of a common consumer with multiple push buttons possible
- Gentle on lamps thanks to zero-crossing switching, LED switching capacity 150 W
- Standby consumption of only 0.2 W
- Ultra-compact design for flexible installation options
- Fully sealed housing for wet rooms and outdoor areas
- Noiseless switching without acoustic interference
- Pre-assembled cables for quick and secure installation

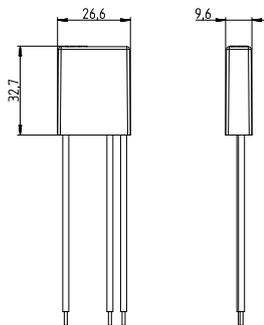
Function	Number of channels	LED lamp	Type	Item no.
Electronic	1	150 W	OKTO 540 BN	5400030 *

* Available from December 2025

Connection example



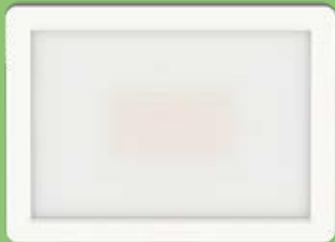
Dimensional drawing



LED spotlight theLeda B

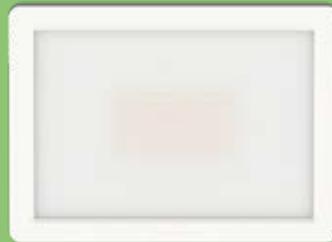
Optional with motion sensor

Robust. Flexible. Easy to install.



LED spotlight 3000 K (light color warm white)

AND



LED spotlight 4000 K (light color neutral white)



LED spot-light



Motion sensor incl. twilight switch



LED spotlight with motion detector



The right solution for every application

With outputs from 10 to 100 watts, theLeda B covers everything – from small courtyards to carports and garages, all the way to loading ramps and large halls. Simply choose the appropriate wattage and get started.



Flexible in use, powerful in appearance

Whether in black or white, theLeda B blends harmoniously into any environment. The switchable color temperature (3000 K / 4000 K) offers flexibility in planning and installation. Dark-sky compliant and insect-friendly – ideal for outdoor use.



Installation as it should be

Directly on the wall, without junction box. Tilttable up to 90° and also suitable for inner corners. This is how installation is done today: fast, clean, and time-saving.



More at www.theben.de/en/theleda-b

Modularly expandable LED spotlight theLeda B dual

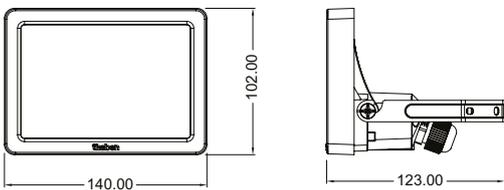


- LED spotlight theLeda B dual
- Modularly expandable
- Light color 3000 K or 4000 K switchable
- Wall mounting
- Spotlight can be rotated and swiveled
- Motion detector module available as an accessory

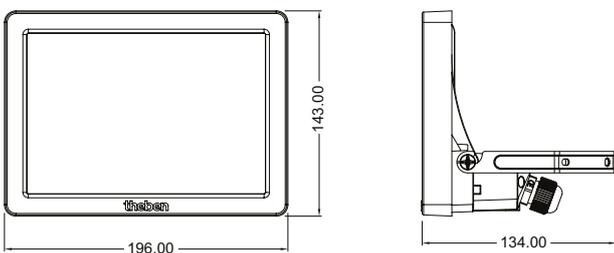
- Motion detector module theLeda B
- Motion detector module for theLeda B dual spotlight
- Detection angle 180° at 12 m range
- Additional light switch output, max. switching load 400 W LED
- Brightness, follow-up time, and sensitivity can be adjusted via potentiometer
- Twilight mode

Mounting type	Service life	Color temperature	LED	Luminous flux	Color	Type	Item no.	
Wall mounting	L80/B10/40,000 h	3000 K/4000 K switchable	10 W	1450 lm	White	theLeda B10 dual WH	1020670	
					Black	theLeda B10 dual BK	1020671	
			20 W	2850 lm	White	theLeda B20 dual WH	1020672	
					Black	theLeda B20 dual BK	1020673	
			30 W	4100 lm	White	theLeda B30 dual WH	1020674	
					Black	theLeda B30 dual BK	1020675	
			50 W	6900 lm	White	theLeda B50 dual WH	1020676	
					Black	theLeda B50 dual BK	1020677	
			100 W	13900 lm	White	theLeda B100 dual WH	1020678	
					Black	theLeda B100 dual BK	1020679	
					White		theLeda B sensor WH	9080041
					Black		theLeda B sensor BK	9080042

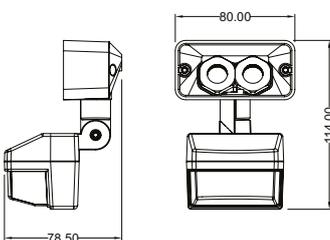
Dimensional drawings



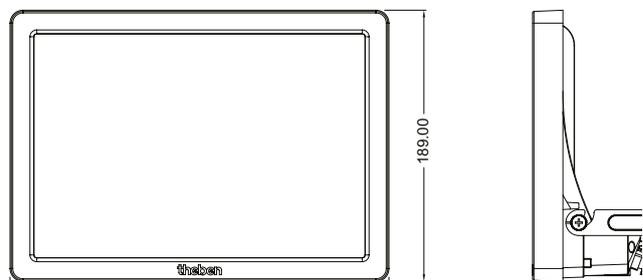
theLeda B10 dual / theLeda B20 dual



theLeda B30 dual / theLeda B50 dual

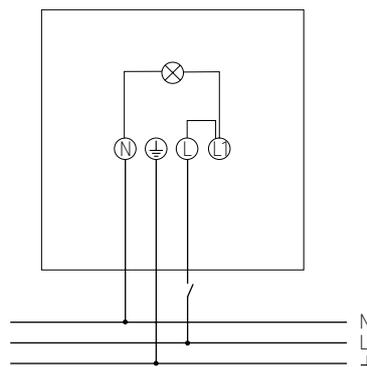


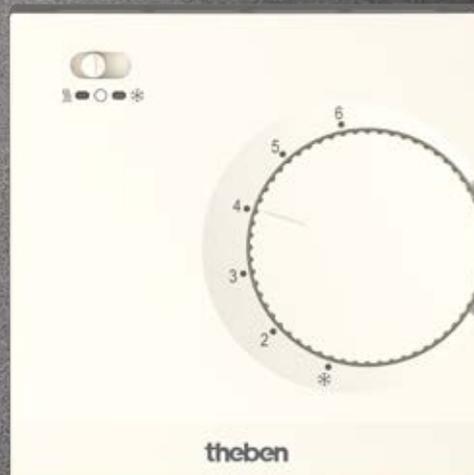
theLeda B sensor



theLeda B100 dual

Connection example



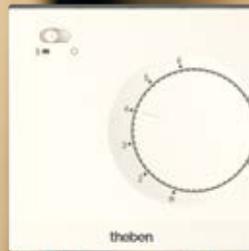


Quick and easy to install Electronic room thermostats RAMSES 700 S series

The RAMSES 700 S series is the economical solution for anyone looking for reliability and comfort – without an app, and with practical features.



- **Easy replacement** during renovation of existing buildings
- **Installed in seconds** with snap function without screws
- Easy commissioning **without app**
- **Electronic controller** is more precise than a bi-metal controller
- **Rings under the control wheel** to limit the target temperature
- **Dimmable and switchable LEDs**
- **Robust construction** and unobtrusive design
- Flush-mounted versions **suitable for common switch ranges**



Easy limitation of the set temperature

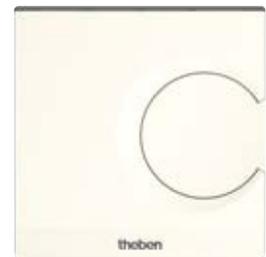
Rings under the adjustment wheel allow easy and uncomplicated limitation of the set temperature. The setting can only be adjusted within a specified range using the control wheel.

Dimmable/switchable LEDs

The LEDs on the status display can be dimmed or switched off using a button behind the control wheel.

Quick installation

The snap function enables quick and easy installation without screws. Pressing the tab under the adjustment wheel allows the housing to be removed and installed. Replacing existing room thermostats can be done in just a few minutes.



Tamper-proof

RAMSES 703 S without adjustment wheel is particularly suitable for public buildings.



Time-controlled regulation

Combination with a time switch such as the TR 610 top3 enables time-controlled temperature control.

Climate control

Room thermostats

Electronic room thermostats wall-mounted



- Electronic room thermostats
- Snap function, easy installation without screws
- Dimmable and switchable LEDs
- Rings under the adjustment wheel to limit the target temperature
- Temperature setting range 5 ... 30°C
- Optional accessories: Floor sensor (9070321), RAMSES temperature sensor (9070459) and ext. Temperature sensor (9070191, 9070496); matching cover frames for various switch ranges (can be ordered separately)

- [RAMSES 701 S](#)
- Temperature control via control wheel
- [RAMSES 703 S](#)
- Tamper-proof temperature control (without adjustment wheel)
- External temperature reduction possible via control with timer
- [RAMSES 706 S](#)
- Temperature control via control wheel
- Switch for on/off + indicator light
- External temperature reduction possible via control with timer
- [RAMSES 708 S](#)
- Temperature control via control wheel
- Mode switch (heating, off, cooling) + indicator light
- Changeover switch for heating/cooling
- External temperature reduction possible via control with time switch

Contact type	External temperature reduction	Heating/cooling switchable	With adjustment wheel	Switching capacity	Type	Item no.
NO contact	–	–	✓	10 A (at 230 V AC, cos φ = 1), 4 A (at 230 V AC, cos φ = 0.6)	RAMSES 701 S	7010003
	✓	–	–	10 A (at 230 V AC, cos φ = 1), 4 A (at 230 V AC, cos φ = 0.6)	RAMSES 703 S	7030003
	–	–	✓	10 A (at 230 V AC, cos φ = 1), 4 A (at 230 V AC, cos φ = 0.6)	RAMSES 706 S	7060003
	–	✓	✓	Heating: 10 A (at 230 V AC, cos φ = 1), Heating: 4 A (at 230 V AC, cos φ = 0.6), Cooling: 1 A (at 230 V AC, cos φ = 1), Cooling: 1 A (at 230 V AC, cos φ = 0.6)	RAMSES 708 S	7080003

Electronic room thermostats, flush-mounted

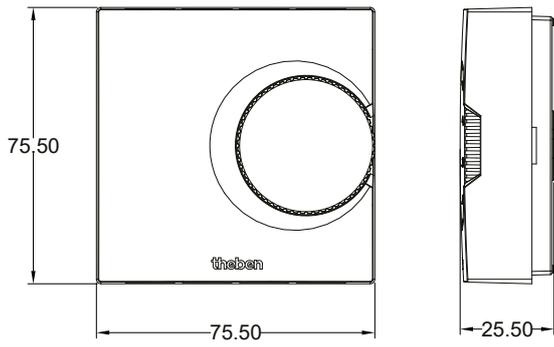


- Electronic room thermostats
- Adjustment controller with mechanical setting limit or locking
- Snap function, easy installation without screws
- Dimmable and switchable LEDs
- Rings under the adjustment wheel to limit the target temperature
- Suitable for common switch manufacturers
- Temperature setting range 5 ... 30°C
- Optional accessories: Floor sensor (9070321), RAMSES temperature sensor (9070459) and ext. Temperature sensor (9070191, 9070496); matching cover frames for various switch ranges

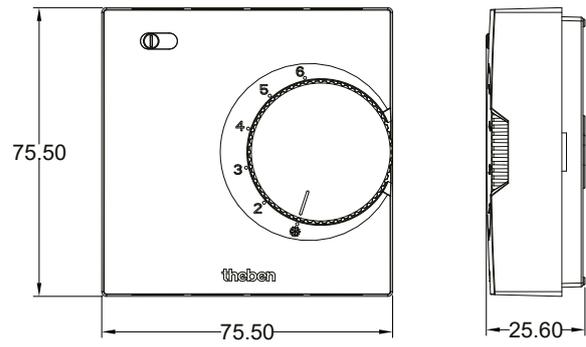
- [RAMSES 746 S](#)
- Switch for on/off + indicator light
- External temperature reduction possible via control with timer
- [RAMSES 748 S](#)
- Mode switch (heating, off, cooling) + indicator light
- Changeover switch for heating/cooling
- External temperature reduction possible via control with timer

Contact type	External temperature reduction	Heating/cooling switchable	Switching capacity	Type	Item no.
NO contact	–	–	10 A (at 230 V AC, cos φ = 1), 4 A (at 230 V AC, cos φ = 0.6)	RAMSES 741 S	7410300
	✓	–	10 A (at 230 V AC, cos φ = 1), 4 A (at 230 V AC, cos φ = 0.6)	RAMSES 746 S	7460300
	–	✓	Heating: 10 A (at 230 V AC, cos φ = 1), Heating: 4 A (at 230 V AC, cos φ = 0.6), Cooling: 1 A (at 230 V AC, cos φ = 1), Cooling: 1 A (at 230 V AC, cos φ = 0.6)	RAMSES 748 S	7480300

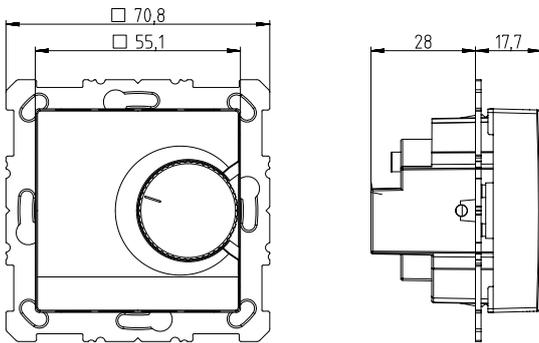
Dimensional drawings



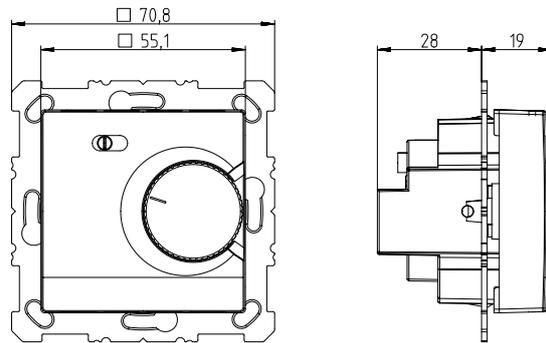
RAMSES 701 S, RAMSES 703 S



RAMSES 706 S, RAMSES 708 S

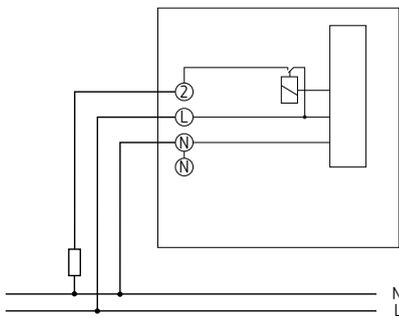


RAMSES 741 S

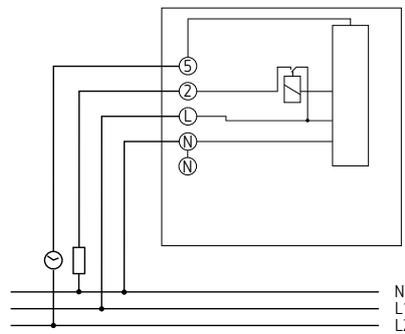


RAMSES 746 S, RAMSES 748 S

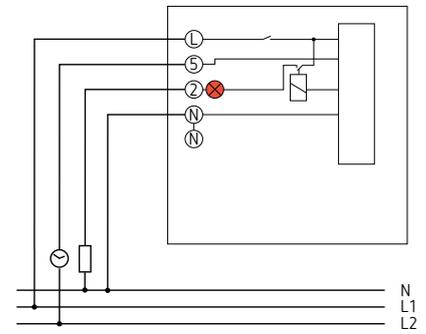
Connection example



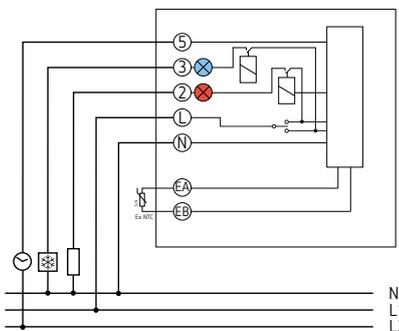
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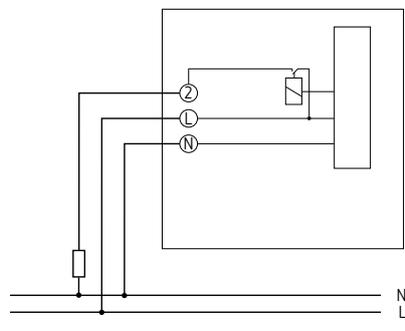
RAMSES 703 S



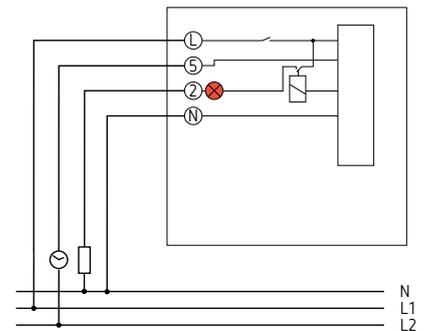
RAMSES 706 S



RAMSES 708 S, RAMSES 748 S



RAMSES 741 S



RAMSES 746 S

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