KNX & WIRELESS

PRODUCT PORTFOLIO

optimus solutions

KNX | WIRELESS

Our Story

OPTIMUS SOLUTIONS

Your Reliable Partner in Smart Building Technologies

Optimus is a specialized technology brand that designs, develops, and manufactures future-oriented solutions in the field of building and home automation.

Founded in 2004 as one of the first KNX system integrators in Turkey, Optimus brings over 20 years of experience and insight gained from more than 2,000 projects across various sectors, offering expertise and field-based know-how for all types of solutions.

Supporting its sectoral experience with investment power, Optimus established its own R&D team in 2019, officially becoming a certified KNX manufacturer. Today, Optimus operates with a dynamic team of over 25 expert engineers and takes pride in being one of only seven companies worldwide to have developed its own KNX stack.

With its growth and innovation-focused approach, Optimus continues to expand its product portfolio and is realizing its vision through a new 70,000 m^2 production facility currently under development in Ankara.

By providing customer-oriented, sustainable, and advanced technology-based solutions, Optimus not only meets today's needs but also aims to build the smart structures of the future.

Contents

KNX


IN
23.4°C
ON

EDGE Automation Switch Series

Optimus Edge Automation Switch Series is designed to simplify and enrich the way users interact with their environment. More than a simple switch, it brings together control of lighting, HVAC, blinds, and scenarios into one elegant unit. Display models add thermostat and environmental sensors, transforming the device into a complete comfort controller for modern living. Available with both display and non-display options in white, black, gray, and anthracite gray (custom colors on request), with metal or touch glass button variants to match any interior.

Its frameless architecture and wide choice of materials and colors allow seamless integration into any space, while customizable icons and RGB feedback give users both freedom and clarity. Models range from 1 to 8 buttons and support up to 16 functions. Square buttons are optimized for up-down operation, while rectangular buttons are designed for left-right use. Three sizes are available: 80×80, 80×120, and 80×160 mm.

Go to page 62 for technical details.

Up to 8 Buttons and 16 Functions

80×80/120/160 mm

Metal or Touch Options

RGB Status LED

Customizable Icons


optimus
INFO
Istanbul
Sunny
20°
80%
12:30
03.08.2024
FAVORITE DEVICES
27°C
TEMPERATURE
Good
AIR QUALITY
475ppm
CARBON DIOXIDE
Thermostat
Bedroom
Shutter
Living Room
SECURITY PANEL
ARM STAY
ARM AWAY

EDGE
Touch Panels

Optimus Edge Touch Panels centralize every aspect of building automation into one stylish interface. Available in 10″ and 8″ models, they deliver intuitive control of lighting, shading, climate, and security with just a touch. Designed for elegance as well as performance, they make complex systems easy to use in both residential and commercial settings.

Beyond KNX integration, the panels support IoT connectivity and intercom features, enabling them to act as the digital hub of smart buildings. Their slim design and customizable interface layouts provide flexibility, while the large display ensures clarity and ease of use. Mobile control features and streamlined installation/commissioning make setup effortless.

Go to page 62 for technical details.

KNX & IoT Ready	SIP Intercom
Mobile Control	Customizable UI
Effortless Setup	Slim Design

Universal Interface

The OPT-UIx-111 Universal Interface offers maximum versatility in a compact form. Each channel can be configured as input or output, allowing functions such as switching, dimming, shutter control, or LED indication. This makes it an essential component in extending automation to a variety of devices.

Powered directly from the KNX bus, it requires no extra supply and is easy to mount inside junction boxes. Its flexibility and small size make it ideal for simple expansions, retrofits, or cost-effective automation solutions.

Go to page 63 for technical details.

3–9 Channels	Wide Parameters
Input and Output Configurations	Compact Design

Combined Actuator

The OPT-CAxx-211 Combined Actuator integrates multiple functions into one device, reducing the need for separate modules and simplifying installations. With 4, 8, 12, 16, 20, or 24 outputs, a single unit can manage lighting, curtains/blinds, and HVAC, improving energy management and daily operation.

Its space-saving DIN-rail design optimizes panel layout, while protection against high currents ensures safety and longevity. Manual test keys and status LEDs speed up commissioning and maintenance; flexible ETS parameters adapt the device to projects of any scale.

Go to page 63 for technical details.

4–24 Outputs	Compact Design
High-Current Protection	Multi-Function Control


optimus
solutions
OPT-CA24-211
ON
OFF
OPT-CA4-211

Multi Sensor

The OPT-MSx-21y Multi Sensor family combines high-precision presence detection with environmental monitoring to deliver smarter, more efficient spaces. Four model types; Standard, Wide Area, Corridor, and High Ceiling cover diverse layouts and mounting heights.

Optional thermostat, humidity, and air-quality (IAQ) sensing add comfort and energy efficiency. Three independent control channels enable granular automation; an inactivity logic (especially for hotels) simplifies room management. For integration ease, a flashing light-based quick programming mode enables fast entry to programming during commissioning.

Go to page 64 for technical details.

4 Different Models:
Standard, Wide Area, Corridor, High Ceiling

Thermostat/IAQ Options

3 Control Channels

Inactivity Logic

Quick “Flasher” Programming

Power Supply

The OPT-PSxx-1yy power supplies are the secure backbone of KNX lines, delivering a stable 30 VDC with integrated choke for reliable bus communication. They are available in 320 mA and 640 mA capacities to match project scale.

Integrated LED indicators allow instant fault recognition and quick intervention. The 640 mA model provides real-time current information and includes an additional 30 VDC auxiliary output, ideal for powering extra devices.

Go to page 64 for technical details.

Error Status LEDs

Reliable Bus Supply

Extra 30 VDC Output

Real-Time Current Info (640 mA)


optimus solutions
OPT-PS32-111
OK
Overload
KNX
optimus solutions
OPT-PS64-122
OK
Overload
Current Consumption
640 mA
360 mA
120 mA
KNX
30 VDC
– +

PWM
LED Driver

The OPT-LD4-111 PWM LED Driver delivers precise dimming for constant-voltage luminaires. Four channels (12–24 V range) provide smooth control; channels can be combined to increase total capacity for more demanding loads.

Its flexible, compact design supports both small and large projects, improving energy efficiency while ensuring reliable, durable operation. DIN-rail mounting and straightforward parameters make integration fast and clean.

Go to page 65 for technical details.

4 Outputs

Smooth PWM Dimming

12–24 V Constant Voltage

Combinable Channels


0.5 Nm
1 2 3 4
optimus
solutions
1 2 3 4
ON
OFF
OPT-LD4-111
KNX
12-24 VDC
+ + + -

Digital Input Device

The OPT-DIxx-1y1 provides a reliable way to connect conventional switches and sensors into KNX automation systems. Designed for both dry contacts and live terminals (230 V), these modules detect contact status and transmit it to the KNX bus in real time. Each channel can be programmed for switching, dimming, shutter/blind control, or counter functions, ensuring versatile use in different applications.

Compact housings save panel space, and 4/6/8/12-channel options offer design flexibility. Multiple data types and robust engineering parameters make integration easy and monitoring reliable for residential, commercial, and industrial projects.

Go to page 65 for technical details.

Models:

- OPT-DI4-121: 4-channel, 230 V input
- OPT-DI8-121: 8-channel, 230 V input
- OPT-DI6-111: 6-channel, dry contact
- OPT-DI12-111: 12-channel, dry contact

Dry & 230 V Inputs

4–12 Channels

Compact Design

Wide Input Options


optimus solutions
OPT-D18-121
KNX
optimus solutions
OPT-D14-121
KNX
optimus solutions
OPT-D112-111
KNX

KNX IP Router Secure

TThe OPT-IPR-121 securely links KNX TP lines with IP networks, routing telegrams and serving as a secure ETS interface for large installations. It is a compact 1-module width device designed to minimize panel space and speed up installation.

Operating without an extra power supply simplifies panel design. KNX Secure ensures encrypted data exchange and protection against unauthorized access, making projects future-proof and compliant with modern security needs.

Go to page 66 for technical details.

Compact 1-Module Width

TP-IP Routing

KNX Secure

No Extra PSU


optimus
solutions
KNX
Mode
IP
Pass
GAs
P/Esc
Pass
IAs
OPT-IPR-121

KNX TP
Line Coupler

The OPT-LC-111 ensures smooth, reliable communication between KNX lines/areas while maintaining galvanic isolation and proper filtering to reduce unnecessary traffic and keep networks stable.

Its front-panel test buttons enable quick, practical checks during commissioning and service. A compact 1-module width design saves space in panels and simplifies installation.

Go to page 66 for technical details.

Compact 1-Module Width

Galvanic Isolation

Test Buttons

Filtering & Stability


optimus
solutions
Main
Mode
Sub
Pass
GAs
P/Esc
Pass
IAs
OPT-LC-111

KNX AC Gateway

The Optimus AC Gateway connects Samsung, Mitsubishi, and Daikin indoor units to KNX, enabling bidirectional communication for on/off, mode, temperature, fan speed, and vane control, turning HVAC into a native part of building automation.

Three digital inputs, wide engineering parameters, and multi-purpose logic functions add design flexibility and precise behavior. The compact housing allows discreet mounting inside the indoor unit, reducing wiring complexity and saving space.

Go to page 66 for technical details.

Models:

- OPT-ACG-111 (Daikin P1P2)
- OPT-ACG-121 (Mitsubishi TB15)
- OPT-ACG-122 (Mitsubishi CN105)
- OPT-ACG-131 (Samsung F3/F4; incl. WindFree & CST360)

Compact Indoor Install

Digital Inputs (×3)

Multi-Purpose Logic

Wide Parameters

Bidirectional Control


KNX
optimus
solutions
OPT-ACG-131
OPT-ACG-121
KNX BUS
PRG
Digital Inputs
COM 3 2 1
AC Unit
N/A
12V
COM
TB15

Logic Module

The OPT-LM-111 adds advanced intelligence to KNX by enabling up to ten independent logic slots in a compact device. Without external controllers, installers can implement logical gates, filters/delays, comparators, data routing, or scenario controllers directly on the bus.

Its small footprint fits tight spaces, and each slot can be tailored to project needs making it ideal for complex, adaptive automation.

Go to page 67 for technical details.

Extensive Operations

10 Logic Slots

18 Logic Functions

Project-Tailored Logic


optimus
solutions
OPT-LM-111
KNX
TP
S

Wireless


optimus
LED
PROG
002569 01:32:2D:01:32:2D
DALI controller, for 4 addresses
OPT-RFDG4-111
DA+ DA-
L S N

DALI Converter

The OPT-RFDG4-111 allows DALI-based lighting systems to be integrated into the wireless ecosystem. With support for up to four addresses, it brings advanced dimming and lighting control into wireless environments.

This converter is ideal for projects where existing DALI fixtures need to be managed alongside wireless devices, ensuring flexibility and uniform operation.

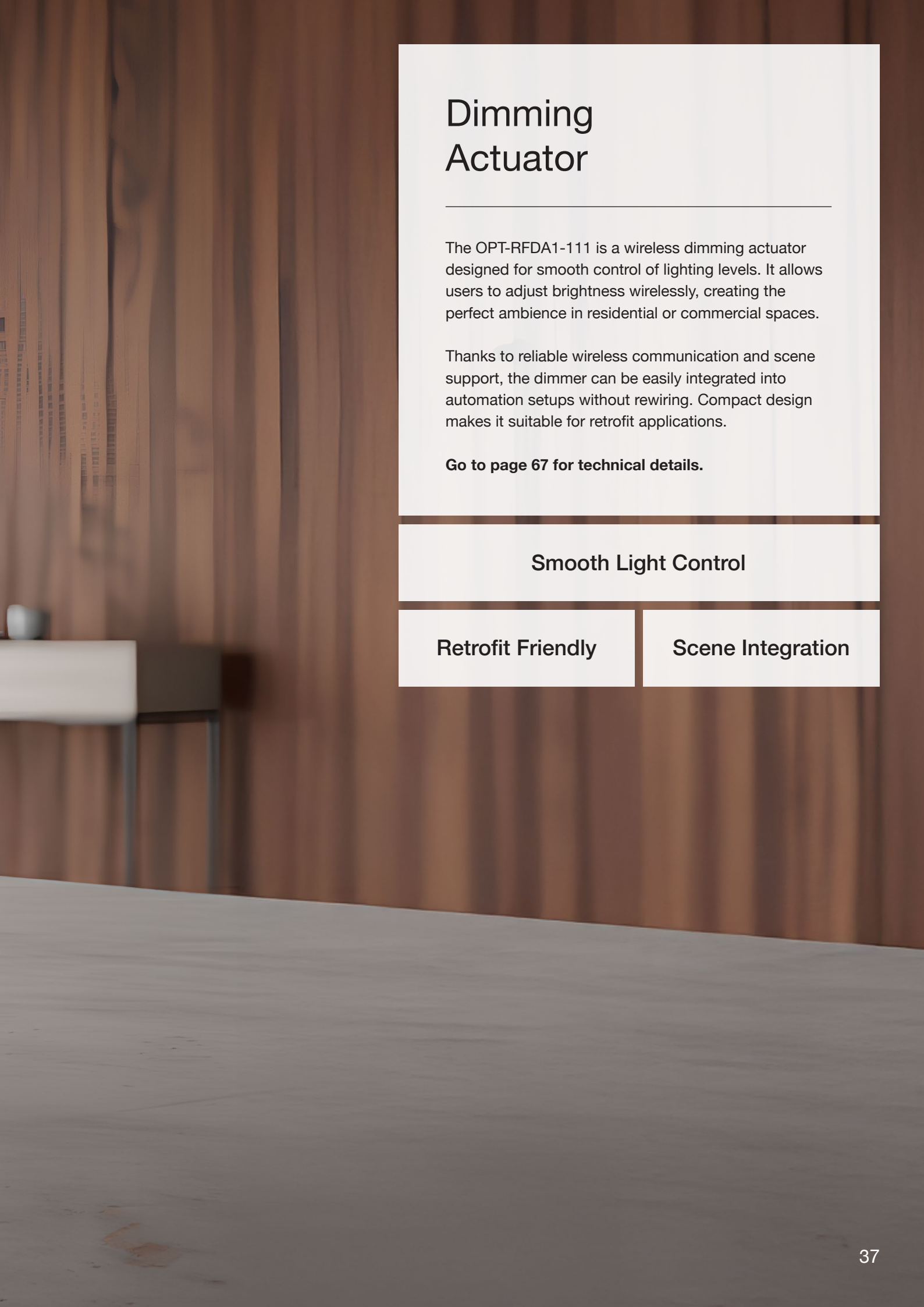
Go to page 67 for technical details.

Wireless to DALI Link

4-Address Support

Retrofit Integration


LED
PROG
optimus
Universal dimmer, 1-channel
OPT-RFDA1-111
OUT
max
300W
S N N L L V
002569



Dimming Actuator

The OPT-RFDA1-111 is a wireless dimming actuator designed for smooth control of lighting levels. It allows users to adjust brightness wirelessly, creating the perfect ambience in residential or commercial spaces.

Thanks to reliable wireless communication and scene support, the dimmer can be easily integrated into automation setups without rewiring. Compact design makes it suitable for retrofit applications.

Go to page 67 for technical details.

Smooth Light Control

Retrofit Friendly

Scene Integration

Flood Detector

The OPT-RFWL-111 protects properties from potential water damage by detecting leaks early and sending immediate alerts. It ensures fast response to critical situations, helping prevent costly repairs.

As a wireless device, it can be installed in kitchens, bathrooms, or technical rooms without wiring. Its compact and reliable design makes it a valuable safety component in any smart building.

Go to page 68 for technical details.

Liquid Leak Detection

Early Warning Alerts

Compact Housing

Input Converter

The OPT-RFUI4-111 provides four universal inputs for connecting traditional push buttons or sensors to the Optimus Wireless system. By converting their signals into wireless communication, it allows legacy devices to be part of smart automation.

Its compact design enables easy installation in junction boxes, making it a flexible choice for upgrades and mixed installations.

Go to page 68 for technical details.

Push Button/Sensor Link

4 Universal Inputs

Compact Size


LED
PROG
optimus
Input contacts converter
4x instantaneous & permanent
OPT-RFUI4-111
002569
COM
IN1
IN2
IN3
IN4
COM


LED
PROG
optimus
Switch unit for shutters
OPT-RFJA-111
max
8A
S▼ S▲ N L
002569

Shutter Actuator

The OPT-RFJA-111 is a wireless shutter actuator designed for effortless control of blinds, shutters, and shades. By eliminating the need for physical wiring, it provides installers and users with greater flexibility, making it ideal for retrofit applications and spaces where running cables is impractical.

In addition to simple up/down control, the actuator can be integrated into automation scenes and schedules, ensuring comfort and energy efficiency. Its compact size and reliable wireless performance guarantee a smooth operation.

Go to page 69 for technical details.

Compact Actuator Design

Scene and Schedule Support

Reliable Wireless Performance

Keyfob

The OPT-RFKF6-111-BL is a portable wireless remote control that gives users quick access to their smart functions. With six programmable buttons, it can manage scenarios, lighting, shutters, or other loads from the palm of your hand.

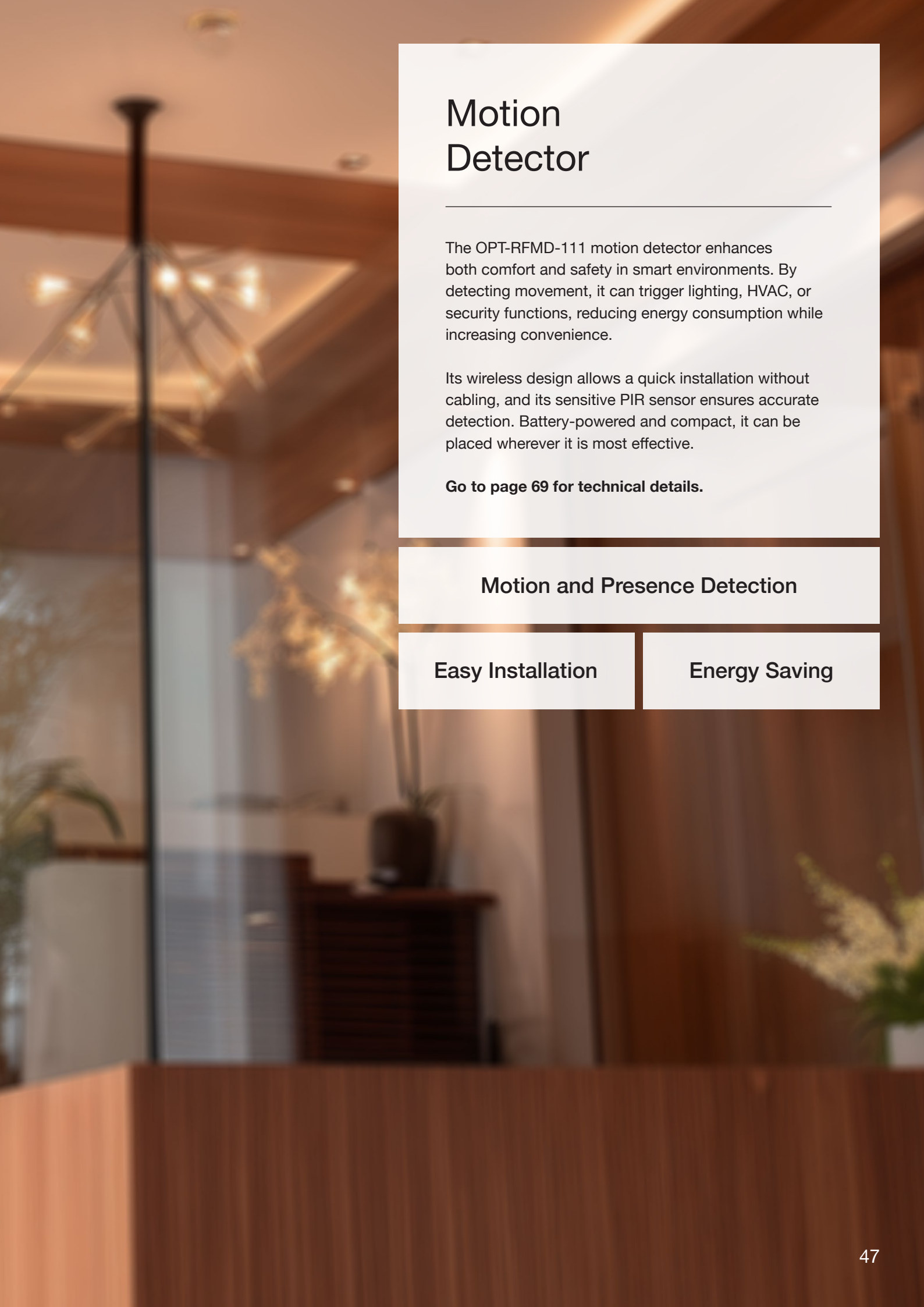
Its small and durable design makes it easy to carry on a keychain, providing mobility and convenience. Whether used at home, in the office, or on the go, it ensures that smart control is always within reach.

Go to page 69 for technical details.

6 Programmable Buttons

Scenario Activation

Everyday Convenience



Motion Detector

The OPT-RFMD-111 motion detector enhances both comfort and safety in smart environments. By detecting movement, it can trigger lighting, HVAC, or security functions, reducing energy consumption while increasing convenience.

Its wireless design allows a quick installation without cabling, and its sensitive PIR sensor ensures accurate detection. Battery-powered and compact, it can be placed wherever it is most effective.

Go to page 69 for technical details.

Motion and Presence Detection

Easy Installation

Energy Saving

RF Gateway

The OPT-RFSG-111 Gateway is the central hub of the Optimus wireless ecosystem, designed to connect all Optimus Wireless devices into a single, smart environment. It ensures smooth communication between shutter actuators, switches, sensors, and safety devices, creating a complete wireless automation solution without additional cabling.

Operating on secure long-range RF, the gateway guarantees stable and reliable performance. It also acts as the bridge between Optimus Wireless devices and the mobile application, enabling centralized control, remote monitoring, and easy expansion of wireless systems.

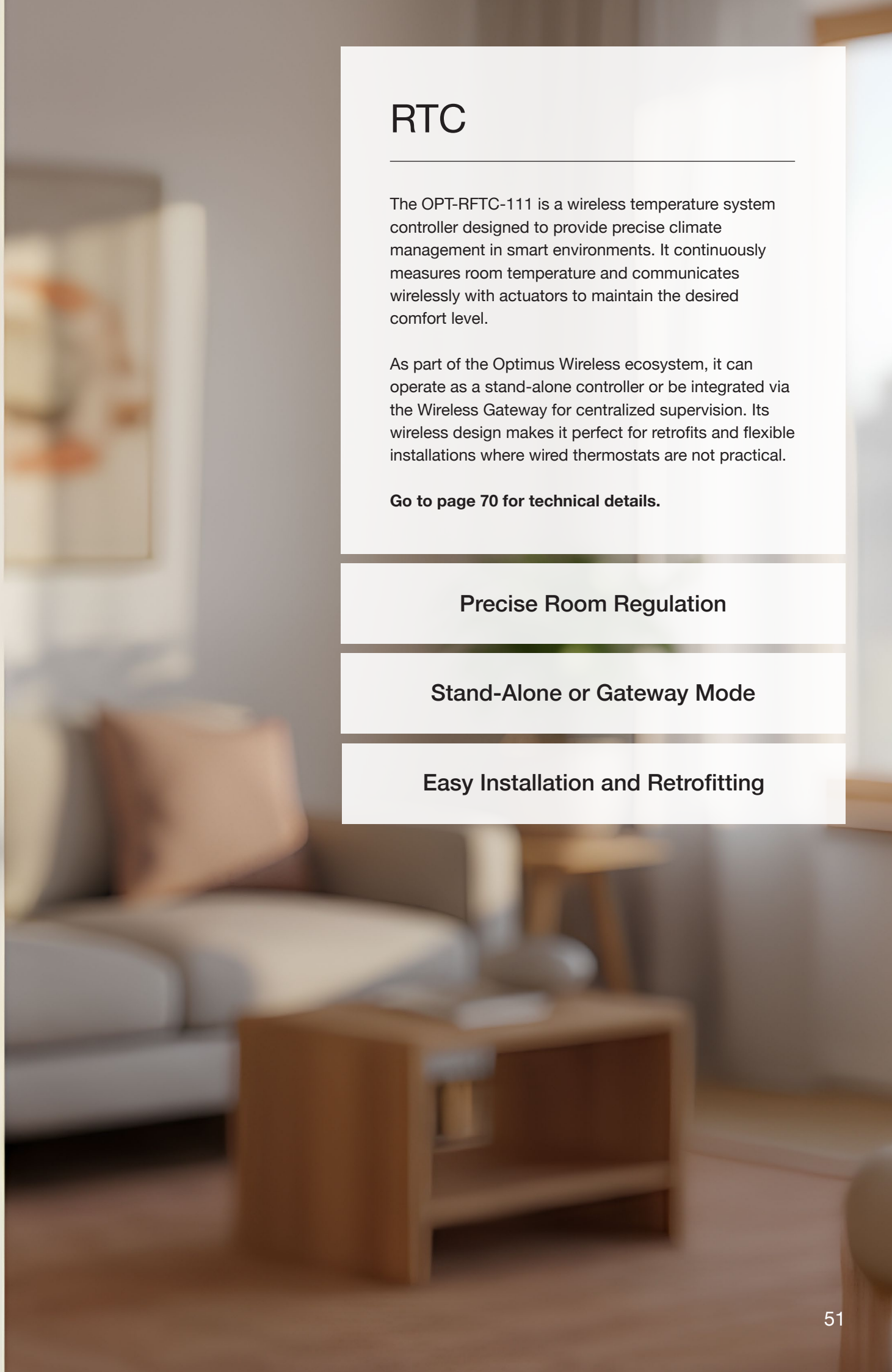
Go to page 70 for technical details.

Long-Range Coverage

Central Device Link

Mobile App Control

WIRELESS



RTC

The OPT-RFTC-111 is a wireless temperature system controller designed to provide precise climate management in smart environments. It continuously measures room temperature and communicates wirelessly with actuators to maintain the desired comfort level.

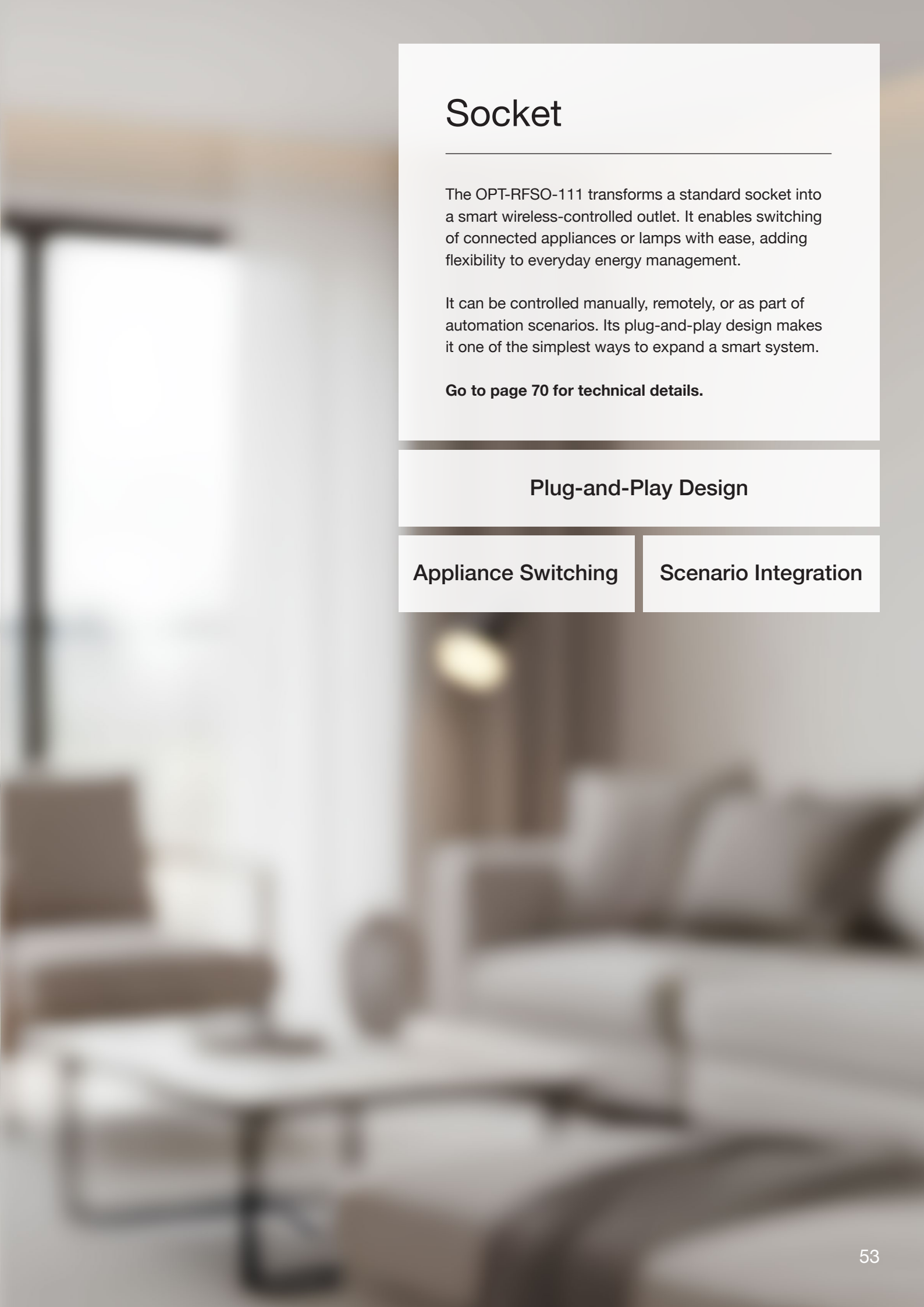
As part of the Optimus Wireless ecosystem, it can operate as a stand-alone controller or be integrated via the Wireless Gateway for centralized supervision. Its wireless design makes it perfect for retrofits and flexible installations where wired thermostats are not practical.

Go to page 70 for technical details.

Precise Room Regulation

Stand-Alone or Gateway Mode

Easy Installation and Retrofitting



Socket

The OPT-RFSO-111 transforms a standard socket into a smart wireless-controlled outlet. It enables switching of connected appliances or lamps with ease, adding flexibility to everyday energy management.

It can be controlled manually, remotely, or as part of automation scenarios. Its plug-and-play design makes it one of the simplest ways to expand a smart system.

Go to page 70 for technical details.

Plug-and-Play Design

Appliance Switching

Scenario Integration


LED
PROG
optimus
Switch unit with input for
external button, 2 channel
OPT-RFSA2-111
V1+V2
max
8A
TOTAL
S1 S2 N L V1 V2
1: 002569 2:00256A
LED
PROG
optimus
Switch unit with input for
external button, 1 channel
OPT-RFSA1-111
max
8A
S1 N N L L V1
002569

Switching Actuator

The OPT-RFSAx-111 provides wireless control for lighting and electrical loads, making it one of the most versatile devices in the wireless range. It allows lights or appliances to be controlled remotely or integrated into automation scenarios, giving users comfort and flexibility without the need for rewiring.

Designed for single-channel applications, it is perfect for retrofitting older buildings or extending existing systems. It combines reliable wireless operation with easy commissioning, ensuring a quick and professional setup.

Go to page 71 for technical details.

Single-Channel Actuator

Scenario Integration

Easy Retrofit

Thermovalve

The OPT-RFTV-111 enables smart wireless control of radiators and underfloor heating valves. It offers precise temperature regulation, ensuring energy-efficient heating while maintaining a comfortable indoor climate.

The thermovalve can operate as a stand-alone device or as part of the full Optimus Wireless ecosystem managed through the gateway. Its integration capability makes it an excellent choice for modernizing heating systems without major infrastructure changes.

Go to page 71 for technical details.

Thermovalve Actuator

Energy Efficiency

Room Comfort


optimus

Window-Door Contact

The OPT-RFMC-111 provides real-time status monitoring of windows and doors. By reporting openings or closures to the system, it helps optimize HVAC usage, improving energy efficiency and security.

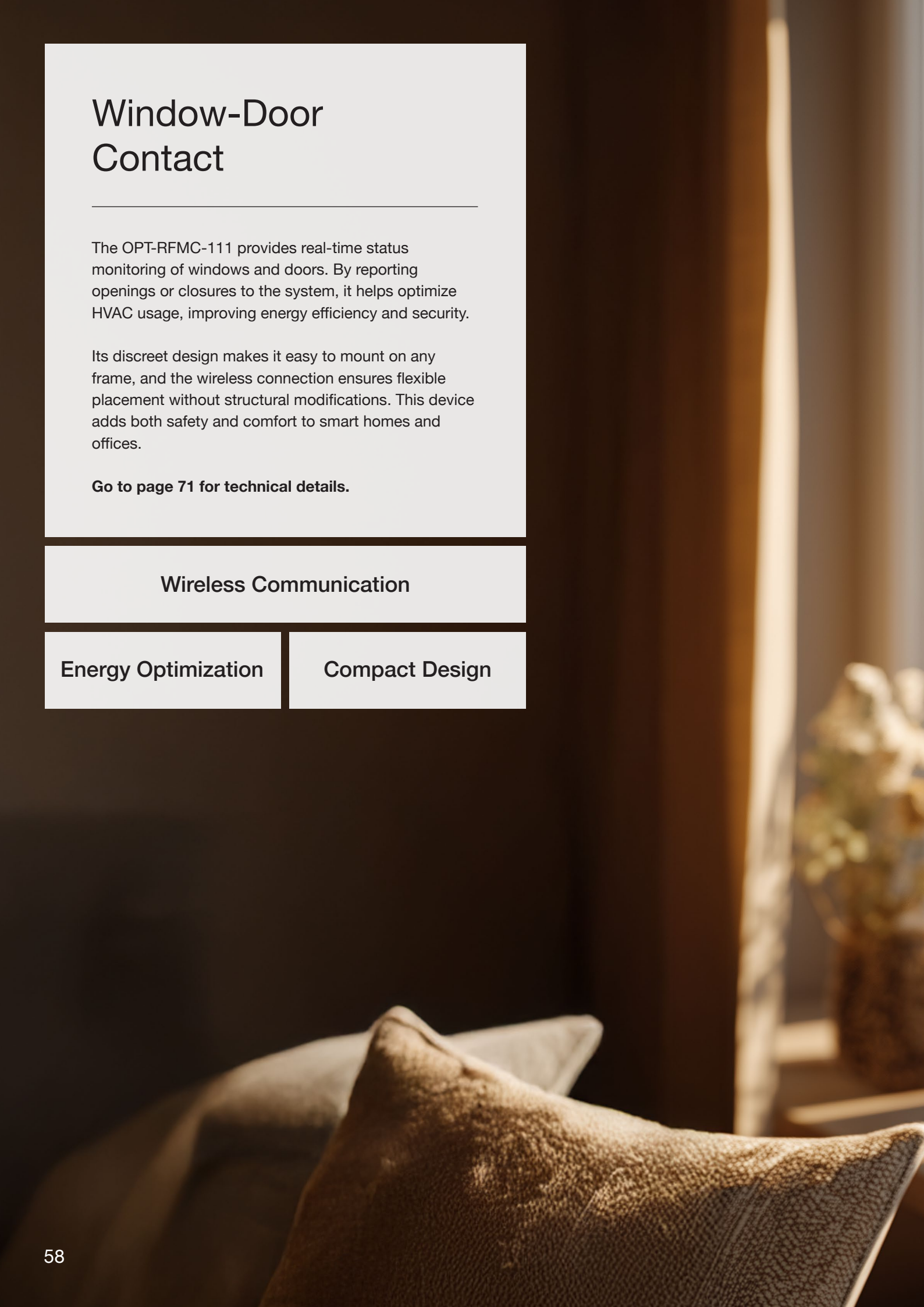
Its discreet design makes it easy to mount on any frame, and the wireless connection ensures flexible placement without structural modifications. This device adds both safety and comfort to smart homes and offices.

Go to page 71 for technical details.

Wireless Communication

Energy Optimization

Compact Design



Technical Specifications

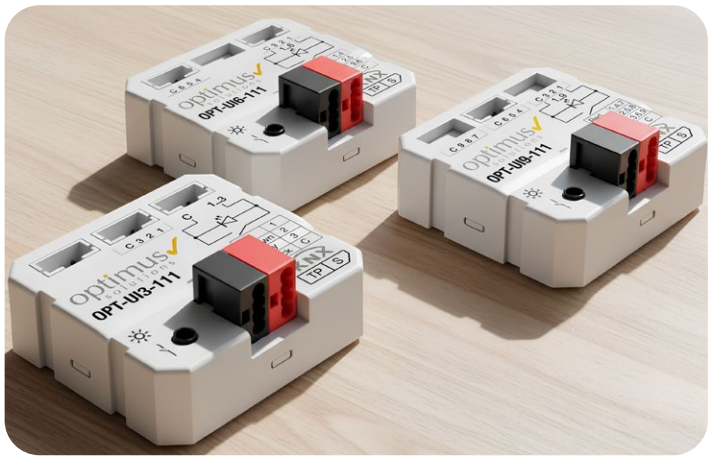
EDGE Automation Switch Series

Supply Voltage	21-30 VDC
KNX Current Consumption	12 mA
Mounting	Flush on standard bounting box
Housing and Protection Class	ABS V2, IP20
Dimensions	80 x 80 x 35 mm 80 x 120 x 35 mm 80 x 160 x 35 mm
Weight	80 x 80: 85 g net, 122 g gross 80 x 120: 113 g net, 160 g gross 80 x 160: 142 g net, 200 g gross
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C

EDGE Touch Panel

	EDGE 1.1 10”	**EDGE 1.1 8”**
CPU	Quad Core ARM Cortex A35 @1.3 GHz	Quad Core ARM Cortex A35 @1.3 GHz
Operating System	Android 8.1	Android 8.1
Screen Size	10.1”	8”
Microphone	1 with Echo Cancellation	1 with Echo Cancellation
Speakers	2x8 Ohm – 2 Watts	2x8 Ohm – 2 Watts
Input	5 Digital Inputs	5 Digital Inputs
KNX Bus Connection	KNX-TP / KNX-IP	KNX-TP / KNX-IP
LAN	1	1
IOT Integration	IFTT, Amazon Alexa, Google Home, Siri	IFTT, Amazon Alexa, Google Home, Siri
Intercom Standard	SIP 2.0 P2P	SIP 2.0 P2P

Universal Interface



Supply Voltage	KNX 30 VDC
KNX Current Consumption	8 mA
Mounting	Interior
Number of Channels	3, 6 and 9
Input Functions	Value Sender Dimmer Shutter Counter
Output Functions	LED (3.3 VDC 2 mA)
Dimensions	38 x 41 x 14 mm
Cable Length	Maximum 100 m
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C

Combined Actuator

Supply Voltage	KNX 30 VDC
KNX Current Consumption	Max. 10 mA
Mounting	DIN Rail
Number of Output	4, 8, 12, 16, 20 or 24
Output Switching Currents	16A 277 VAC
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C

Variant	Dimensions	2- Speed Fan Coil Controller	3- Speed Fan Coil Controller	3- Point Valve Controller	Shutter Control	Switch/Valve Control
OPT-CA4-211	54 x 92 x 64 mm (3 MW)	1	1	2	2	4
OPT-CA8-211	90 x 92 x 64 mm (5 MW)	2	2	4	4	8
OPT-CA12-211	108 x 92 x 64 mm (6 MW)	3	3	6	6	12
OPT-CA16-211	144 x 92 x 64 mm (8 MW)	4	4	8	8	16
OPT-CA20-211	198 x 92 x 64 mm (11 MW)	5	5	10	10	20
OPT-CA24-211	198 x 92 x 64 mm (11 MW)	6	6	12	12	24

Multi Sensor

Supply Voltage	KNX 30 VDC
KNX Current Consumption	10 mA
Sensor Type	PIR, brightness, temperature, humidity, VOC
Mounting	Surface or Flush Mounting
Mounting Height	2,5 - 4 m (Standard, Wide and Corridor) 9-12 m (High-Bay)
Brightness Measurement	10-1000 Lux
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C

	OPT-MSS-21x	**OPT-MSW-21x**	**OPT-MSH-21x**	**OPT-MSC-21x**
Dimensions (mm x mm x mm)	29 x 45 x 78	29 x 45 x 78	37 x 52 x 78	29 x 45 x 78
Weight (net g x gross g)	53 x 91	53 x 91	56 x 94	53 x 91
Mounting Height (m)	2,5 - 4	2,5 - 4	9 - 12	2,5 - 4
Seated Person Detection Distance (diameter in m)	4 - 6	15 - 20	14 - 20	
Walking Person Detection Distance (diameter in m)	10 - 12	24 - 30	23 - 30	22 - 35 Long 4 - 6 Short

Power Supply

	OPT-PS64-122	**OPT-PS32-111**
AC Voltage Range	190…265 VAC 50/60 Hz	190…265 VAC 50/60 Hz
Output Voltage - 1	30 VDC (KNX)	30 VDC (KNX)
Output Voltage - 2	30 VDC (without choke)	
Output Current	640 mA	320 mA
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C
Dimensions	90 x 92 x 64 mm (5 MW)	90 x 92 x 64 mm (5 MW)
Mounting	DIN - Rail	DIN - Rail

PWM LED Driver

Supply Voltage	KNX 30 VDC
KNX Current Consumption	Max. 10 mA
Mounting	DIN - Rail
Output Switching Currents	3A per channel, total 12A 28 VDC (max)
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C
Dimension	52 x 92 x 64 mm (3 MW)
Weight	Net: 112 g Gross: 140 g

Digital Input Device

Supply Voltage	KNX 30 VDC
KNX Current Consumption	8 mA
Mounting	DIN - Rail
Number of Outputs	4 and 8 ch for 230V AC/DC 6 and 12 ch for Dry Contact
Input Functions	Value Sender Dimmer Shutter Counter
Dimension	4 and 6 ch: 52 x 92 x 64 mm (3 MW) 8 and 12 ch: 90 x 92 x 64 mm (5 MW)
Weight	4-ch: 105g net, 130g gross 6-ch: 107g net, 132g gross 8-ch: 153g net, 185g gross 12-ch: 155g net, 187g gross
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C

KNX IP Router Secure

Supply Voltage	KNX 30 VDC
KNX Current Consumption	20 mA - KNX Bus
Mounting	DIN - Rail
Ethernet Specifications	100BaseT (100 Mbit/s)
Supported Protocols	ARP, ICMP, IGMP, UDP/IP, TCP/IP, DHCP, Auto IP
KNX Specifications	KNX Security: (AES-128), Tunneling V2, Core V2 Up to 8 KNXnet/IP tunneling connections simultaneously Extended filter table for main group: 0…31 Max. APDU Length: 55
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C
Dimensions	18 x 92 x 64 mm (1 MW)

KNX TP Line Coupler

Supply Voltage	KNX 30 VDC
KNX Current Consumption	5 mA on main line, 3 mA on sub line
Mounting	DIN - Rail
Connection	KNX TP
KNX Specifications	Extended filter table for main group: 0…31 Max. APDU Length: 55
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C
Dimensions	18 x 92 x 64 mm (1 MW)

KNX AC Gateway

Supply Voltage	KNX 30 VDC	**Cable Length**	Max 100 m
KNX Current Consumption	Max. 10 mA	**Temperature Range**	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C
Mounting	Interior	**Dimensions**	66 x 66 x 21,5 mm

Logic Module

KNX

Supply Voltage	KNX 30 VDC
KNX Current Consumption	8 mA
Mounting	Interior
Functions	Inactivity, Filter/Delay, Preset, Logic Gates (AND, OR, XOR, XNOR, NAND, NOR), Gate, Min/Max Comparator, Threshold, Comparator, Data Parser, Multiplexer, Demultiplexer, Staircase and Scenario Controller
Dimension	38 x 41 x 14 mm
Temperature Range	Operation: -5 °C to +45 °C Storage: -25 °C to +55 °C

DALI Converter

WIRELESS

Supply Voltage	100-230 VAC / 50-60 Hz
Connection	4-wire, L, N, DA+, DA-
Wireless Frequency	866-922 MHz
Range	up to 200 m
Number of DALI Devices	Max. 4
Dimensions	43 x 44 x 22 mm
Temperature Range	Operation: -15 °C to +50 °C Storage: -15 °C to +50 °C

Dimming Actuator

WIRELESS

Supply Voltage	230 VAC / 50-60 Hz	**Operating Temperature**	-15 °C to + 45 °C
Connection	4-wire with neutral	**Output**	Dimmed Load: R, L, C, LED, ESL Contactless: 2 x MOSFET
Wireless Frequency	866-922 MHz		
Range	up to 200 m	**Dimensions**	43 x 44 x 22 mm
Load Capacity	max. 300 W	**Weight**	30 g

Flood Detector

WIRELESS

Power Supply	2x 1.5V AAA batteries
Battery Life @ 12H freq	3 years
Mounting	Loose
Alarm Type	Optical and Audible
Detection Principle	Contact between sensor and liquid
Response Time	2 s
Wireless Range	up to 160 m
Weight	Ø89 x 23 mm
Response Time	92 g
Temperature Range	Operating: 0 °C to +50 °C Storage: -20 °C to +60 °C

Input Converter

WIRELESS

Power Supply	1x 3V battery CR 123A
Battery Life @ 12H freq	up to 8 years
Mounting	Free at lead-in wires
Number of Inputs	4
Contact Voltage	3V
Cable Length	max. 5 m
Wireless Range	up to 200 m
Dimension	43 x 44 x 22 mm
Weight	37 g
Temperature Range	Operating: -10 °C to +50 °C Storage: -20 °C to +60 °C

Shutter Actuator

WIRELESS

Power Supply	230 VAC / 50-60 Hz
Output Contacts	2x switching
Rated/Peak Current	8A / 10A
Switching Power/Voltage	2000 VA / 250 VAC
Mechanical Life	up to 10 million switches
Dimensions	43 x 44 x 22 mm
Weight	45 g
Temperature Range	Operating: -15 °C to +50 °C Storage: -25 °C to +70 °C

Keyfob

WIRELESS

Power Supply	3V CR 2032
Battery Life	Around 5 years
Number of Buttons	6
Indication of Transmission	red LED
Wireless Range	up to 200 m
Dimensions	64 x 25 x 10 mm
Weight	16 g
Temperature Range	Operating: 0 °C to +50 °C Storage: -20 °C to +60 °C

Motion Detector

WIRELESS

Power Supply	2x 1.5V AA batteries	**Working Height**	max 2.5 m
Battery Life	up to 1 year	**Dimension**	ø95 mm x 30 mm
Detection Angle	110°	**Weight**	113 g
Detection Distance	max 9.5 m	**Temperature Range**	Operating: -10 °C to +50 °C Storage: -20 °C to +60 °C

RF Gateway

WIRELESS

Power Supply	Plug 10-27 VDC or USB-C 5 VDC
Wi-Fi Range	up to 100 m
Wireless Range	up to 200 m
Weight	92 g
Dimensions	ø 95mm x 25 mm
Temperature Range	Operating: -20 °C to +50 °C Storage: -25 °C to +70 °C

RTC

WIRELESS

Power Supply	2x 1.5 V AAA batteries
Battery Life	up to 1 year
Temperature Range	0 to +55°C (0.3°C accuracy range)
Wireless Range	up to 100 m
Dimensions	85 x 85 x 20 mm
Weight	66 g
Temperature Range	Operating: -20 °C to +50 °C Storage: -25 °C to +70 °C

Socket

WIRELESS

Power Supply	230 VAC / 50-60 Hz	**Wireless Range**	up to 200 m
Output Contacts	1x switching	**Dimensions**	63 x 110 x 74 mm
Rated/Peak Current	16A / 30A	**Weight**	129 g
Switching Power/Voltage	4000 VA / 250 VAC	**Temperature Range**	Operating: -15 °C to +50 °C Storage: -25 °C to +70 °C
Mechanical Life	up to 10 million switches		

Switching Actuator

WIRELESS

Power Supply	230 VAC / 50-60 Hz
Output Contacts	1X or 2x switching
Rated/Peak Current	8A / 110A
Switching Power/Voltage	2000 VA / 250 VAC
Mechanical Life	up to 10 million switches
Number of Functions	6
Wireless Range	up to 200 m
Dimensions	43 x 44 x 22 mm
Weight	31 g / 45 g
Temperature Range	Operating: -15 °C to +50 °C Storage: -25 °C to +70 °C

Thermovalve

WIRELESS

Power Supply	2x 1.5V AA batteries
Battery Life	up to 1 year
Wireless Range	up to 200 m
Dimensions	52 x 52 x 70 mm
Protection	IP40
Thermovalve Nuts	M30 x 1.5
Temperature Range	Operating: 0 °C to +50 °C Storage: -25 °C to +70 °C

Window-Door Contact

WIRELESS

Power Supply	1x 3V CR2032	**Wireless Range**	up to 200 m
Battery Life	up to 1 year	**Protection**	IP20
Dimensions	25 x 72 x 16 mm 15 x 75 x 14 mm	**Temperature Range**	Operating: -10 °C to +50 °C Storage: -25 °C to +70 °C

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