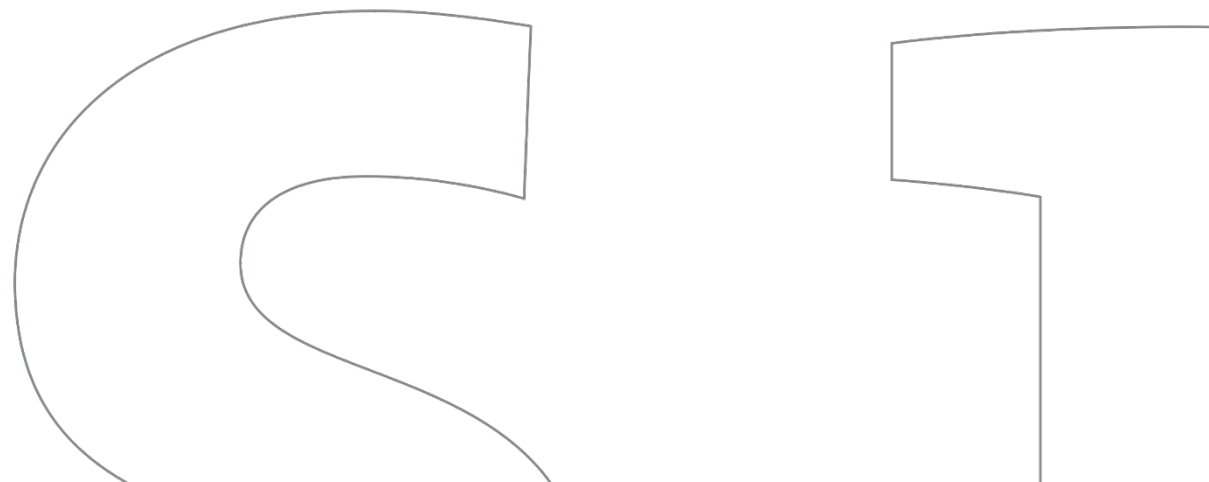


SITECO Connect 11

Connected, flexible, future-proof

Intelligent lighting and building control – not just for indoor use
V1.0 | 2025-10-21



Benefits at a glance

SITECO Connect 11

1. Ready for GEG and EPDB

Meets **future requirements** from **GEG** and **EPBD** – with integrated **energy consumption monitoring** and intelligent **functions** for **optimizing energy efficiency**.

[Learn more](#)

2. Easy commissioning and maintenance

Automatic device detection, intuitive software tools, and **diagnostic functions** significantly reduce commissioning effort and maintenance costs.

3. Easy to use

User interfaces enable **simple and intuitive operation** – flexibly combinable and individually adaptable for each project.

4. Future-proof

Open standards enable **manufacturer-independent**, future-proof lighting control – seamlessly integrable into building management systems.

5. Scalability

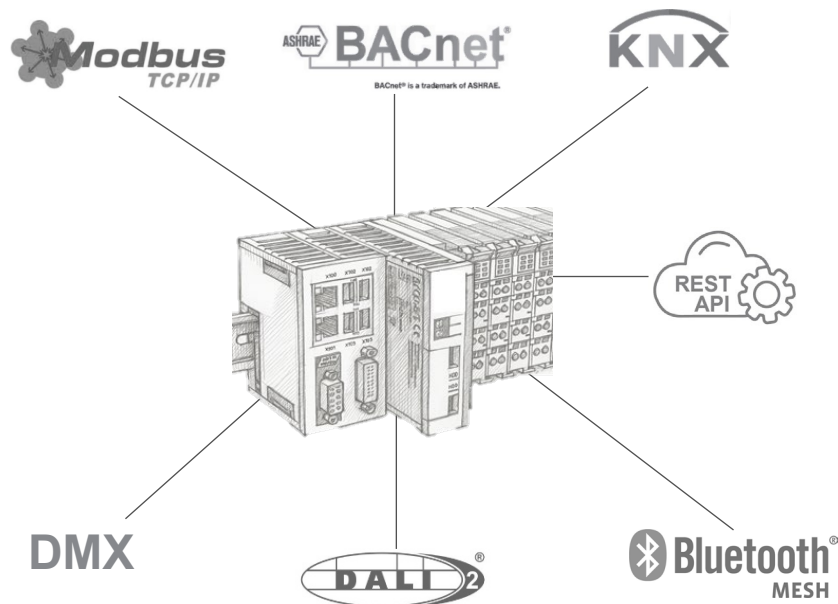
Suitable for any project size – the system **grows flexibly** with your needs and can be **expanded at any time**, from a single floor to an entire building complex.

Scalability through interfaces

Scalable interfaces

Basic packages Freely scalable thanks to modular expandable terminals and open interfaces

Thanks to a wide range of interfaces – including DALI-2, KNX, Modbus, and BACnet – a wide variety of systems can be seamlessly integrated. SITECO Connect 11 consistently relies on open standards, enabling manufacturer-independent, future-proof building technology. Whether for small projects or large building networks: thanks to its modular expandability and scalable system architecture, SITECO Connect 11 adapts precisely to individual requirements and structural conditions – today and tomorrow.



The heart of the system – Application Controller



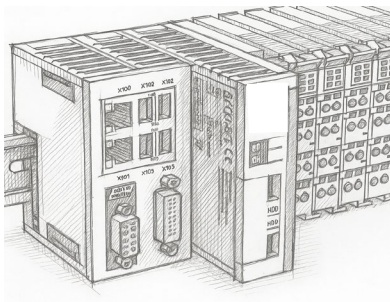
The heart of the system

The heart of SITECO Connect 11 is the application controller – it contains the entire system intelligence and is available in preconfigured basic packages, either as a DIN rail module for the control cabinet or as a touch panel for mounting in a control cabinet door.

These basic packages can be flexibly expanded with additional functions – depending on the respective project requirements, e.g., with DALI-2 interfaces for luminaires and sensors, KNX, Modbus, or BACnet connections to the building management system.

SITECO Connect 11 is scalable and can therefore be optimally adapted to the size of the project – bus couplers enable precise implementation in accordance with the structural conditions, particularly with regard to the number and structure of the sub-distributions.

Only industrial-grade components are used – developed and manufactured in Germany. The result: standardized interfaces, high future-proofing, and maximum flexibility.



Basic packages with DIN rail PC

Basic package S/D

Top-hat rail PC, max. 15 DALI lines, plug & play solution
Includes 1 DALI2 terminal, 1x power supply, 2x control fuses

Order no. 5LZ930100

Basic package M/D

Top-hat rail PC, max. 40 DALI lines, plug & play solution
Includes 1 DALI2 terminal, 1x power supply unit, 2x control fuses

Order no. 5LZ930102

For projects with more than 40 DALI lines, we will be happy to provide you with a quote for a customized solution.
a quote for a customized solution



Basic packages with 7" touch panel PC

Basic package S/P

7" touch panel PC, max. 15 DALI lines, plug & play solution
Includes 1 DALI2 terminal, 1x power supply, 2x control fuses

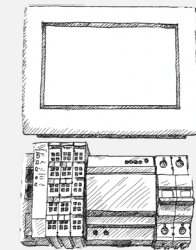
Order no. 5LZ930101

Basic package M/P

7" touch panel PC, max. 40 DALI lines, plug & play solution
Includes 1 DALI2 terminal, 1x power supply unit, 2x control fuses

Order no. 5LZ930103

For projects with more than 40 DALI lines, we will be happy to provide you with a quote for a customized solution.
you a quote for a customized solution



Scalability through interfaces

Interfaces to building management systems

KNX terminal

For connecting the control system to the KNX system
Order no. 5LZ930210



BACnet connection

The BACnet interface connects various building systems for central control and monitoring for greater comfort and energy efficiency.
We would be happy to provide you with a quote for a customized solution.



Modbus

The Modbus interface enables simple communication between control devices and sensors for reliable and efficient system control.
We would be happy to provide you with a quote for a customized solution.



Interfaces to the shading system

SMI-BUS

The SMI bus interface enables precise control and central networking of electric blinds for convenient operation and optimized sun protection control.
We would be happy to provide you with a quote for a customized solution.



Output terminal

8 integrated outputs | for switching on-site loads
Order no. 5LZ930202



Interface for integration

REST API

The REST API enables easy and flexible access to data and functions via the Internet for seamless integration and automation.
We would be happy to provide you with a quote for a customized solution.



Interfaces at the field level

DALI2 terminal

Connection of luminaires, sensors, user interfaces
Order no. 5LZ930200



Input terminal

8 integrated inputs | connection of on-site switches or buttons
Order no. 5LZ930201



Output terminal

8 integrated outputs | for switching on-site loads
Order no. 5LZ930202



Wireless gateway

For integration of SITECO Connect 11H wireless luminaires
Gateway DALI2: Order no. 5LZ950701A
Gateway BACnet: Order no. 5LZ950702A



DMX terminal

For connecting floodlights with DMX ECG
Master terminal: Order no. 5LZ930204
Slave terminal: Order no. 5LZ930205



Wireless Gateway Outdoor Lighting

For connecting outdoor luminaires via SITECO Connect Outdoor Casambi
Gateway: Order no. 5EA3BH01
Smart plug: Order no. 5EA3AM000001



Between light distributors

Networking of individual control components for multiple light distributions or floors
Expansion set: Order no. 5LZ930300
Ethernet switch: Order no. 5LZ930302



Operation – but simple!

User interfaces form the interface between users and lighting control systems – and must above all be simple and intuitive to use. Depending on the project requirements, different operating solutions are available. All variants can be freely combined and tailored precisely to the needs of the project and the users – for maximum flexibility and user-friendliness.



Switching the lighting system **on/off/dimming**
Tunable White



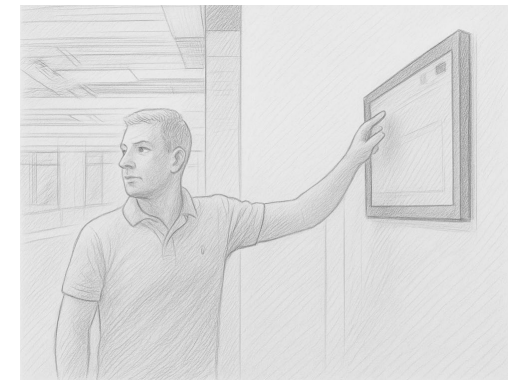
Switching of
lighting groups



Selection of
lighting scenes



Simple and intuitive operation
with **buttons**



touch panels with plain text menus and
configurable user and authorization levels



Location-independent control
via **smart device**

Easy operation

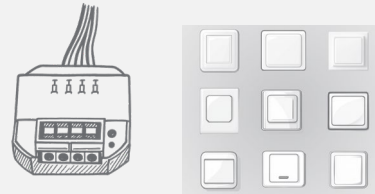
Integration of locally provided buttons or switches

Button coupler, 4-fold

Benefits

- Complete freedom for the manufacturer or switch range
- Slim design
- Installation in 68 mm switch boxes
- Integration of switches or push buttons
- Future-proof thanks to DALI2 standard

Order no. 5LZ904731A



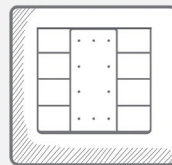
Control panel with visual feedback

Control panel, 8-fold

Benefits

- 8 freely assignable buttons
- Optical feedback of the switching status
- Slim design
- Installation in 68 mm switch boxes
- Future-proof thanks to DALI2 standard

Order no. 5LZ975780A



Plain text visualization

Basic packages with touch panel PC or expansion panel

Benefits

- Easy to use: clear terms, no operating errors
- Quick to understand: status immediately clear
- Can be used by everyone: can be operated even without prior knowledge

Basic package S/P

7" touch panel PC, max. 15 DALI lines

Order no. 5LZ930101

Basic package M/P

7" touch panel PC, max. 40 DALI lines

Order no. 5LZ930103

7" expansion panel

Order no. 5LZ930304

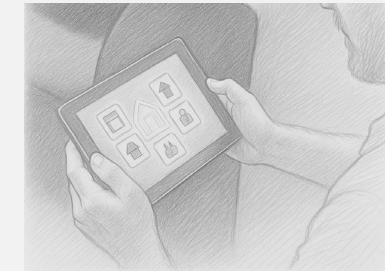


Operation with smart devices

Benefits

- Easy to use: clear terms, no operating errors
- Quick to grasp: status immediately understandable
- Can be used by everyone: can be operated even without prior knowledge

We would be happy to provide you with a quote for a customized solution.

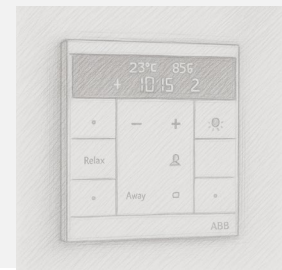


Integration of KNX room control devices

Benefits

- Continue to use existing hardware; no need to purchase new equipment
- Lighting can be integrated into existing scenes and logic
- KNX is a proven standard
- Extensions or adjustments can be made flexibly

We would be happy to provide you with a quote for a customized solution



Intelligent sensor technology – precise, efficient, and versatile

Sensors are a key component of modern lighting control systems. Whether motion, presence, or daylight sensors, they reliably detect relevant environmental data and thus ensure energy-efficient lighting tailored to actual needs. Our solution relies on sensors with best-in-class detection quality – even in complex room structures. This means that only as many sensors as necessary are required – for maximum cost-effectiveness with perfect coverage.



Detect presence and movement

Benefits

- Control lighting according to demand
- Maximum energy and CO2 savings
- Compliance with GEG and EPDB requirements
- Open and standardized DALI2 interface offers future-proofing

[Learn more](#)

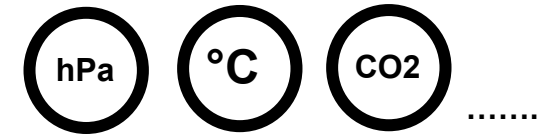


Use daylight

Use

- Control lighting according to demand
- Maximum energy and CO2 savings
- Meet GEG and EPDB requirements
- Open and standardized DALI2 interface offers future-proofing

[Learn more](#)



Collect room data

Benefits

- Transfer of data to higher-level BMS or analysis systems
- Increased room comfort
- Increased efficiency and sustainability
- Open and standardized DALI2 interface offers future-proofing

We would be happy to provide you with a quote for a customized solution

Monitoring provides a data basis for maintenance, energy efficiency, and sustainability

Comprehensive monitoring and analysis functions are included in the system as standard – at no extra cost. They provide valuable insights into the operation of the system and offer numerous benefits. Whether in new buildings or renovations, the integrated monitoring tools ensure greater operational reliability, efficiency, and transparency right from the start.



Monitoring

Benefits

- Compliance with GEG and EPDB requirements
- Transparency regarding energy consumption and system status
- Enable early detection of malfunctions or deviations
- Room utilization shows potential for optimization

[Learn more](#)



Emergency lighting monitoring

Benefits

- Automated checking
- Enables early detection of malfunctions or deviations
- Automatically generated documentation

[Learn](#)



Intelligent follow-up times

Benefits

- Analysis of past usage data
- Suggestion of an optimized follow-up time to use energy more efficiently.
- The run-on time adapts to the usage situation

Flexible installation – individually pre-assembled



For maximum flexibility and efficiency, there are two proven options for integrating SITEO Connect 11 components into your project:

- Project-specific light distributors

or

- completely pre-assembled light distributors for renovation projects

Benefits

- Maximum project flexibility
- Customized design
- CE and VDE-certified complete solutions
- Plug&play installation for minimal installation times
- Complete system documentation
- Industrial quality made in Germany

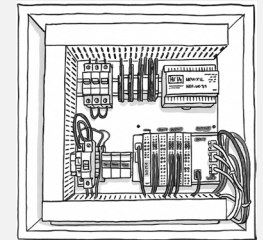


Project-specific lighting control cabinets

Control cabinet upgrade

All control components are precisely tailored to the project and pre-assembled in lighting control cabinets. This solution is ideal for new buildings or more complex installations with high requirements for scalability and interface diversity.

If required, basic packages with touch panel PCs or expansion panels are installed in the switch cabinet door.

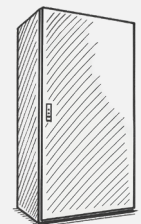


Order no. 5LZ930301

Completely pre-assembled light distributors for renovation projects

Here, the control and load circuits are already pre-wired and tested as a compact unit – ideal for quick, clean modernization of existing installations.

- Light distributor, 4 DALI lines
- Light distributor, 6 DALI lines
- Light distributor, 8 DALI lines
- Light distributor, 10 DALI lines
- Light distributor, 12 DALI lines



We would be happy to provide you with a quote for a customized solution.

Let's talk about what moves us most:
the light of tomorrow.

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We would like to thank our customers and partners for their long-standing trust. We would also like to thank all our employees for their commitment and passionate dedication. Together, we are bringing the light of sustainability, flexibility, and quality of life into the

future.