

# xComfort Shading Control



The flexible and easy to install xComfort solution to control your shadings with more comfort and for peace of mind



*Powering Business Worldwide*

# xComfort Shading Control

Motorized shading control offers residents both comfort and ease of use.

By sticking to the basics, however, homeowners miss out on valuable features that go beyond comfort and can help them to save energy and protect their belongings.

## Situations where enhanced shading control offers added value:

- When sunlight causes the room temperature to rise so that cooling is required for comfort, resulting in high energy expenditure
- When the blinds are closed but the sunlight could have contributed to reaching the desired room temperature, thereby saving energy
- In cold winters when heat loss from the windows requires additional heating, resulting in high energy costs
- When sunlight ages the furniture, photos, paintings or other valuable items in your home
- When your belongings are fully exposed in the evening, and you're not at home to close the blinds
- When you and your family are fully visible to uninvited guests from the outside
- Finally, when the shading itself is damaged due to adverse weather such as rain or strong winds

**Before ...**



**... and after heavy winds**



**Keep the warmth inside...**



**....and prying eyes outside.**



## Additional considerations from installer practice and customer experience

Furthermore, especially in existing residential buildings, the placement of the control unit for motorized shading control is often challenging and represents a compromise between what is desired and what is practically possible – and this also applies to new buildings if conventional electrical components are used.

These compromises tend to result in the following issues:

- Manual operation from a hard-to-reach location
- A clunky and ugly design that neither matches nor is integrated with the home's fixed electrical installation and particularly the existing wiring accessories.
- The need for multiple remote controls that are "too" portable, making them hard to find when you really need them
- Extensive wiring is required, with flush-mounted boxes and cabling to a shading switch
- Only local manual control, with the need to physically press a button or turn a switch
- No app control or smart functions

Do you want to put an end to this frustrating situation?

### The solution: xComfort Shading Control

Based on the robust and proven xComfort wireless technology, Eaton has developed xComfort Shading Control whose modern and easy-to-install design allows installers to offer their customers a smart solution for controlling blinds, shutters, zip screens or awnings.



### A win-win situation

Our enhanced shading control package includes several shutter actuator options to increase flexibility of installation and operation. The solution, which is part of Eaton's xComfort home automation system, is available with slim, flush-mounted actuators (either with or without local inputs) or with a plug-type actuator suitable for outdoor use. In addition, the package features a mains-powered weather station to provide protection and comfort based on precise meteorological data like sunlight strength, rain, temperature and wind speed.



#### Added value for installers:

- Easy to install and expand, enabling installers to do more in less time
- Lighting, heating and shading control via wireless pushbuttons
- A high-quality, professional solution that blends well with all types of wiring accessories
- Future-proof with upsell potential



### Added value for residents:

- Modern 55x55 mm design for a smooth integration with the fixed electrical installation
- High-quality products
- Easily expandable as needs grow, e.g., by switching from shade control with a single rocker to multiple rockers and pushbuttons according to your personal preferences
- Holistic home control via a single app, including lighting, electrical appliances, heating and shading

## xComfort Shading Control – a future-proof and flexible solution

### xComfort Shutter Actuator – flush-mounted

For controlling motorized blinds

- Slim design (18 mm), e.g., for mounting in flush boxes
- Mains powered: 230 V AC, 50 Hz
- Standby power: <200 mW
- For driving 230 V AC motors up to 3 A
- With or without local control input for use with mechanical switches
- Position-tracking function
- Selectable application profiles
- Safety position function



### xComfort Shutter Actuator – outdoor plug type

for controlling motorized blinds

- STAS 3 / STAK 3 Hirschmann connector design
- Mains powered: 230 V AC, 50 Hz
- Standby power: <230 mW
- For driving 230 V AC motors up to 3 A
- Operating temperature: -30 to +55 °C
- Degree of protection: IP44
- Position-tracking function
- Selectable application profiles
- Safety position function



### xComfort Weather Station

Measuring weather conditions for automated shading control

- Multi-sensor device:
  - Wind speed
  - Brightness (lux) in 3 directions
  - Rain sensor with integrated heating
  - Temperature
- Mains powered: 100-230 V AC, 50/60Hz
- Stand-by power consumption: <5.6 W
- Operating temperature: -20 to +55 °C
- Degree of protection: IP44
- UV-resistance, transparent design for all façade types

### xComfort Wireless Switch

For convenient and easy operation from anywhere inside the home and optional with integrated sensors for shading and climate control using the Bridge

- 55x55 mm design compatible with frames from leading brands
- Standard and Multifunctional, with temperature and humidity sensor, types available
- Rockers with arrow icons available in different colors
- 1-fold, 2-fold and 4-fold versions available
- Fully wireless and battery powered
- Battery life up to 10 years (TYP)
- Flat design that can be mounted anywhere and on any surface – no installation box or wiring needed
- Many option to control the shading (Open/Close, Open/Close/Stop, Open/Close/Stop/Step)



### xComfort Door/Window Sensor

For protecting shading against damage from open doors or windows

- Available in different colors
- Fully wireless and battery powered
- Battery life up to 5 years (TYP)

xComfort Shading Control – product overview and accessories

Actuators



**EP-500362**  
**CJAU-01/04**  
**Shutter actuator**  
**Flush-mount**



**EP-500363**  
**CJAU-01/04-I**  
**Shutter actuator**  
**Flush-mount**  
**With local input**



**EP-500364**  
**CJAE-01/01**  
**Shutter actuator**  
**Plug type with**  
**Hirschmann**  
**STAS/STAK-3**  
**connectors**

Connectors:

- EP-500365 CMMZ-00/51 STAS-3 (load)
- EP-500366 CMMZ-00/52 STAK-3 (mains)

Sensor



**Door/window sensor:**  
**300295**  
**CDWA-01/3b**  
**Bright white**



**300294**  
**CDWA-01/3a**  
**Warm white**

**300296**  
**CDWA-01/3c**  
**Grey**

**300297**  
**CDWA-01/3d**  
**Brown**



**109383**  
**CHSZ-02/02**  
**Remote control**  
**2 Channels**



**109384**  
**CHSZ-12/03**  
**Remote control**  
**12 Channels**



**EP-500527**  
**CWSA-04/01**  
**Weather station**

Classic and multifunctional wireless switches



**Standard Switch:**  
**173411**  
**CPAD-00/193**

1-fold

**Multifunctional Switch:**  
**EP-50383**  
**CPAD-00/233**



**Standard Switch:**  
**173412**  
**CPAD-00/194**

2-fold

**Multifunctional Switch:**  
**EP-50384**  
**CPAD-00/234**



**Standard Switch:**  
**173413**  
**CPAD-00/195**

4-fold

**Multifunctional Switch:**  
**EP-50385**  
**CPAD-00/235**



Glossy rockers with ▲▼ icons

	1-fold	2-fold	4-fold
Pure white	173003	173004	173005
Traffic white	179604	179605	179606
Alpine white	184595	184596	184597
Signal white	193993	193994	193995
Cream	173006	173007	173008
Silver	173009	173010	173011


Matte rockers with ▲▼ icons

	1-fold	2-fold	4-fold
Pure white	147613	147617	147621
Alpine white	EP-500847	EP-500848	EP-500849
Cream	147614	147618	147622
Silver	147615	147619	147623
Anthracite	147616	147620	147624
Jet black	304425	304427	304427



## xComfort Bridge and xComfort Shading Control

Via the xComfort Bridge app, the versatile xComfort Shading Control solution can also be integrated into an existing Eaton xComfort home automation environment. This enables homeowners to remotely monitor and control their xComfort Shading Control, to receive status updates and notifications as well as to open or close the shading via a smartphone or tablet.

**CBCA-00/01 xComfort Bridge**



Download the xComfort Bridge app for iOS or Android



Available on the **App Store**

GET IT ON **Google Play**

## About xComfort

xComfort is designed, manufactured and distributed in Europe by Eaton, which has more than 100 years of experience in the development of power management technologies. xComfort is our robust and reliable home automation system with a proven competitive advantage. It simplifies and speeds up installation in residential buildings while significantly reducing costs. With xComfort, installers can provide outstanding value to their customers. Options range from flexible, wireless lighting, heating and shading control to complete solutions for greater comfort, security and energy efficiency. xComfort is equally suitable for both new residential buildings and retrofits.



With xComfort Shading Control, installers can offer their customers a modern, high-quality and smart solution that is easy to install, helping residents to conveniently manage their home's energy consumption and temperature and increase their comfort.

Contractors can add value to their residential building projects by integrating xComfort Shading Control as part of the fixed electrical installation.

Integrating xComfort into projects adds value for developers, with an infrastructure that allows end users to connect to their home automation systems in a cost-effective way, with optional app control, notifications and many other features.

Homeowners can bring more comfort into their homes with the new shading solution, as well as be more relaxed when out of the house - should weather and temperature conditions change, the system will automatically respond and adjust the shading accordingly.



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