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What's new. What endures. What fits.

**FENSTERBAU  
FRONTALE**



**BECKER**  
for you. forever.



# BECKER

for you. forever.

Our logo is a symbol of what Becker stands for: it resembles a fingerprint – unique and deeply rooted in our company’s history. At the same time, it represents the wide range of our applications – from roller shutters and sun protection to smart solutions. The opening shapes stand for movement, radio waves for wireless control. At the centre is the globe – a sign of our commitment to sustainable, future-oriented technologies.

Shareholder and Managing Director Maik Wiegelmann provides an insight into the world of Becker-Antriebe.



QUALITY made in Germany SUSTAINABLE

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Maik Wiegelmann  
Managing Partner

# A WORD IN ADVANCE

Dear Readers,

Thank you for visiting us at the Becker stand – and for your interest. The discussions at Fensterbau Frontale have once again shown how important reliable, future-proof solutions for roller shutters, sun protection and other applications are.

Becker has always stood for progress, quality and dependability. As a medium-sized company with a strong team spirit and many years of experience, we develop drive and control solutions “Made in Germany” that prove themselves in everyday use – in private homes just as much as in demanding project environments. For us, it’s not just about technology, but about real benefits: smooth operation, a high level of comfort and safety you can rely on.

In this brochure, you will find not only established, proven products, but also new developments and enhancements that we presented to you at the trade fair – all with the aim of making planning, installation, commissioning and operation even easier. If you have any questions afterwards, would like to explore details in more depth or discuss a specific project, we will be happy to support you.

For you. forever. Three words, one promise: we want you to be able to sit back and relax, knowing that Becker is a reliable partner – today, tomorrow and in the future.

Warm regards,  
Yours,

Maik Wiegelmann

# Drive solutions for roller shutter applications



## Roller shutter drive with electronic limit switch-off, type E01



- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)
- Automatic increase of the pressing force with anti-lifting devices
- Insect screen protection function: detects an open insect screen door and prevents damage to the system

## Roller shutter drive with electronic limit switch-off and plug & play, type E29



- Plug & Play: automatic limit position detection when using rigid shaft connectors
- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)
- Limit positions can be set and deleted via a standard control unit

## Roller shutter drive with mechanical limit switch-off for narrow windows, type M17



- Particularly short design: developed for use in narrow applications
- Plug & Play: automatic limit position detection when using rigid shaft connectors

## Roller shutter drive with integrated CentronicPLUS radio receiver, type EVO PLUS



- Evolution technology allows you to choose between different operating profiles: standard, dynamic and whisper mode
- Integrated Bluetooth® interface enables configuration via smartphone app
- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Insect screen protection function: detects an open insect screen door and prevents damage to the system
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)

## Roller shutter drive with integrated CentronicPLUS radio receiver, type C01 PLUS



- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)
- Automatic increase of the pressing force with anti-lifting devices
- Insect screen protection function: detects an open insect screen door and prevents damage to the system
- Wireless software update

## Roller shutter drive with integrated Matter radio receiver, type T01



- Matter enables cross-manufacturer interoperability of the radio drive and integration into compatible smart home systems
- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)
- Insect screen protection function: detects an open insect screen door and prevents damage to the system

# Drive solutions for roller shutter applications

## Roller shutter drive with integrated DECT radio receiver, type D01

BoxCTRL



- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)
- Automatic increase of the pressing force with anti-lifting devices
- Insect screen protection function: detects an open insect screen door and prevents damage to the system
- One-button learn-in: simple commissioning at the touch of a button
- Wireless software update



# Drive solutions for sun protection applications

## Sun protection drive with integrated CentronicPLUS radio receiver, type C12 PLUS



- Auto-install function: the drive automatically sets its own limit positions
- Blockage detection with multiple testing
- Cloth relief: the drive protects the fabric by relieving tension in the upper end stop position – can be activated or deactivated as an option
- Cloth tensioning function: the drive tensions the cloth by moving to a freely adjustable reverse position – can be activated or deactivated as an option
- Higher closing force for cassette awnings
- Compatible with sun/wind/rain sensors for maximum convenience
- Wireless software update

## ZIP sun protection drive with integrated CentronicPLUS radio receiver, type C18 PLUS



- Auto-install function: the drive automatically sets its own limit positions
- Blockage detection with multiple testing
- Sensitive obstacle detection with multiple testing
- Cloth relief: the drive protects the fabric by relieving tension in the upper end stop position – can be activated or deactivated as an option
- Compatible with sun/wind/rain sensors for maximum convenience
- Wireless software update

## Awning drive for emergency manual operation with integrated CentronicPLUS radio receiver, type C33 PLUS



- Auto-install function: the drive automatically sets its own limit positions
- After emergency operation, the drive automatically re-establishes its limit positions
- Blockage detection with multiple testing
- Cloth relief: the drive protects the fabric by relieving tension in the upper end stop position – can be activated or deactivated as an option
- Cloth tensioning function: the drive tensions the cloth by moving to a freely adjustable reverse position – can be activated or deactivated as an option
- Higher closing force for cassette awnings
- Compatible with sun/wind/rain sensors for maximum convenience

# Wired control and sensor solutions

## Time switch with Bluetooth® interface TimeControl TC72



- Shade and twilight function
- Switching times and thresholds preconfigured
- Individually programmable switching times for each day of the week
- Two intermediate positions can be programmed
- Optional light, sun and wind sensor can be connected

## Light sensor for TC72 SensorControl SC33



- Easy installation directly on the window pane
- Enables automated shading by measuring solar radiation directly at the window pane

## Wind sensor SC71 and Sun wind sensor SC81 for TC72



- SC71: Reliably protects outdoor installations against storm damage
- SC81: Perfect for comprehensive sun protection automation

## Push-buttons / switches for roller shutter and sun protection applications EasyControl EC62P and EC62S



- Complete with frame
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Can be integrated into switch ranges from many manufacturers

# Radio solutions CentralControl

## Bluetooth® time switch for roller shutters and sun protection CentralControl CC11



NEW

- Installation in just a few steps (plug & play)
- Commissioning, configuration and operation via a free app
- Operation without internet or network
- Time programmes and sun protection settings
- Suitable for retrofitting
- Automatic function can be activated/deactivated directly on the control unit

## Smart roller shutter and sun protection unit CentralControl CC41



- For the control of roller shutters and sun protection, light, household appliances and many other devices
- Local data storage, optional remote access
- No loss of switching times in the event of a power failure
- Holiday function can be activated
- Automatic summer/winter time adjustment
- Commissioning, configuration and operation via a free app
- Operation via smartphone, tablet or desktop
- Voice control possible via Amazon Alexa

## Becker app CentralControl



Free app for operating the CentralControl

## Becker app Becker-Tool



Free commissioning tool for the installer

## Becker app Be:You

NEW



Free end-user app

# Radio solutions CentronicPLUS

## Transmitters



### Hand-held transmitter EasyControl EC541, EC548 and EC5416 PLUS



- Enables the programming of two intermediate positions
- Enables the programming of one memory time each for the up and down direction
- Simple start-up by automatic selection of the nearest receiver
- Changing between manual and automatic mode possible on the operating device directly
- Multicolour display for simple status feedback and start-up

### Radio transmitter flush-mounted VarioControl VC421 PLUS



- Single, group or central control unit
- Allows CentronicPlus radio products to be operated via wired control units from other manufacturers
- Timers and sun protection controls can be integrated upstream
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Installation behind the operator control in any deep flush-mounted switch box possible
- Can be combined with any switch range
- Defined drive commands possible

### Hand-held transmitter SunWindControl SWC541, SWC548 and SWC 5416 PLUS



- Enables the programming of two intermediate positions
- Setting the threshold values possible directly on the device
- Simple start-up by automatic selection of the nearest receiver
- Changing between manual and automatic mode possible on the operating device directly
- Multicolour display for simple status feedback and start-up

# Radio solutions Centronic

## Transmitters



### Hand-held transmitter EasyControl EC541-II, EC545-II and EC5410-II



- Enables the programming of two intermediate positions
- Single, group or central control unit
- Integrated transmission pilot lights
- Rear labelling field

### Wall transmitter EasyControl EC411-III and EC415-III



- Enables the programming of two intermediate positions
- Single, group or central control unit
- Complete with frame
- Integrated transmission pilot lights
- Can be integrated into switch ranges from many manufacturers

### 1-channel hand-held transmitter for setting sun and wind threshold values SunWindControl SWC441-II



- Enables the programming of two intermediate positions
- Single, group or central control unit
- Setting the threshold values possible directly on the device
- Integrated transmission pilot lights
- Changing between manual and automatic mode possible on the operating device directly
- Rear labelling field

## Receivers

### Flush-mounted radio receiver VarioControl VC420 PLUS



- Two intermediate positions can be programmed
- Blind mode: Two intermediate positions (with tilt) can be programmed
- Blind mode: Exact adjustment of slat angle possible
- Setting the threshold values possible via a programmed operating device
- Two memory switching times with daily repetition programmable
- Wireless software update
- An additional operator control can be connected
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Installation behind the operator control in any deep flush-mounted switch box possible
- Can be combined with any switch range
- Defined drive commands possible

### Flush-mounted potential-free radio receiver VarioControl VC520 PLUS



- Highlights of the VarioControl VC420 PLUS, available only as a potential-free version

### Wireless socket with night light function VarioControl VC180 PLUS



- Integrated night light function
- Operating button directly on the device
- Enables a reduction in stand-by power consumption
- Thanks to mesh technology, it can serve as a range extender and increase network coverage

### Flush-mounted switching actuator LightControl LC120 PLUS



- Wireless software update
- External one-way button can be connected
- Any switch-button can be connected
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Installation behind the operator control in any deep flush-mounted switch box possible
- Can be combined with any switch range

### Plug-in radio receiver VarioControl VC470 PLUS



- Two intermediate positions can be programmed
- Blind mode: Two intermediate positions (with tilt) can be programmed
- Blind mode: Exact adjustment of slat angle possible
- Setting the threshold values possible via a programmed operating device
- Two memory switching times with daily repetition programmable
- Wireless software update
- Standardised Hirschmann plug connection
- Defined drive commands possible

### Flush-mounted dimming actuator LightControl LC220 PLUS



- Wireless software update
- External one-way button can be connected
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Installation behind the operator control in any deep flush-mounted switch box possible
- Can be combined with any switch range
- Suitable for LED and halogen luminaires



# Radio solutions Centronic

## Receivers

### Radio switching and dimming actuator for lighting systems VarioControl VC220



- Any two levels of brightness can be programmed
- On/off switching and dimming of light sources
- Special sun protection hand-held transmitter with separate light/dimmer switch available
- Suitable for outdoor installation

### Radio switching actuator for heaters VarioControl VC220h



- Highlights of the VarioControl VC220, but suitable for higher switching loads of up to 3,000 W

### LED dimmer without power supply unit with integrated terrace heating switch VarioControl VC210



- Any two levels of brightness can be programmed
- Channels can be controlled independently from one another
- Automatic, time-controlled switch-off of the heating function after 5 hours
- Different channels enable parallel operation of dimming and switching actuator
- On/off switching and dimming of light sources
- Special sun protection hand-held transmitter with separate light/dimmer switch available

### LED dimmer with integrated PWM power supply unit and terrace heating actuator VarioControl VC310



- Highlights of the VarioControl VC210, but with integrated power supplies in various versions

### Flush-mounted radio receiver VarioControl VC320



- Two intermediate positions can be programmed
- Two memory switching times with daily repetition programmable
- Compact design ideal for mounting in the shutter box
- Defined drive commands possible



# Radio solutions DECT

## Receivers



### Flush-mounted radio receiver VarioControl VC420 DECT

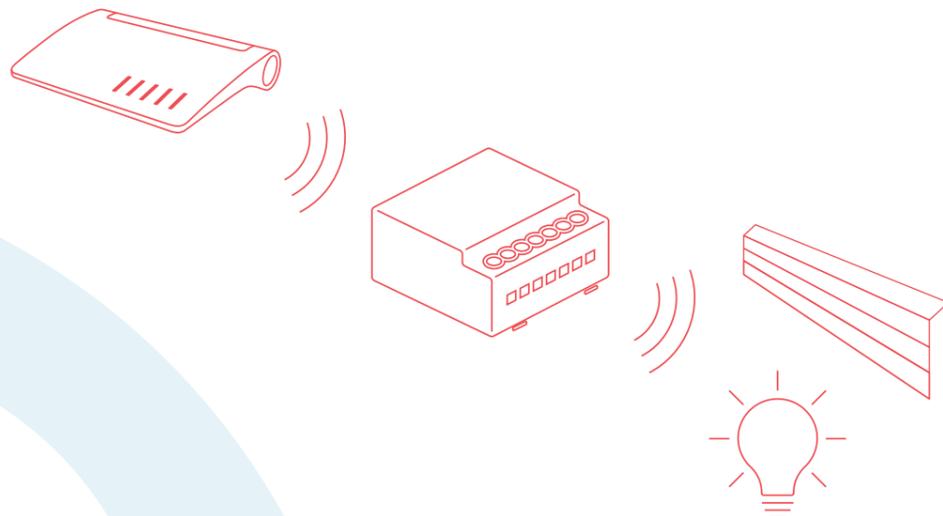


- Facilitates the retrofitting of already installed drives in the FRITZ!Box building automation
- One-button learn-in: Simple programming at the touch of a button
- Wireless software update
- An additional operator control can be connected
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Installation behind the operator control in any deep flush-mounted switch box possible
- Can be combined with any switch range
- Defined drive commands possible

### Flush-mounted radio receiver for lighting systems LightControl LC422 DECT



- Facilitates the integration of lighting into the FRITZ!Box building automation
- Two push-buttons can be connected for transmission channels: Linking of intelligent functions via the FRITZ!Box
- One-button learn-in: Simple programming at the touch of a button
- Wireless software update
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670
- Installation behind the operator control in any deep flush-mounted switch box possible
- Can be combined with any switch range



# Radio solutions CentronicPLUS

## Sensors



SOLAR ENERGY

### Solar disc light sensor SensorControl SC631 PLUS



- With integrated solar power supply, there is no need to lay cables
- External charging via USB port possible
- Shade and twilight function
- High-resolution E-paper display
- Changing between manual and automatic mode possible on the operating device directly
- Easy installation directly on the window pane

SOLAR ENERGY

### Solar radio-controlled sun sensor SensorControl SC561 PLUS



NEW

- With integrated solar power supply, there is no need to lay cables
- Single, group or central control unit
- Integrated transmission pilot lights
- Operating button directly on the device
- Adjustable sensor foot for optimum mounting

### Radio-controlled wind sensor SC711 PLUS and radio-controlled sun wind sensor SC811 PLUS



- SC711 PLUS: Reliably protects outdoor installations against storm damage
- SC811 PLUS: Perfect for comprehensive sun protection automation



# Radio solutions CentronicPLUS

## Sensors



SOLAR ENERGY

### Solar radio sun/wind sensor SensorControl SC861 PLUS



- With integrated solar power supply, there is no need to lay cables
- Single, group or central control unit
- Integrated transmission pilot lights
- Operating button directly on the device
- Adjustable sensor foot for optimum mounting

### Radio-controlled sun/wind/ rain and temperature sensor SensorControl SC911 PLUS



- Single, group or central control unit
- Integrated rain sensor
- Integrated transmission pilot lights
- Operating button directly on the device
- Adjustable sensor foot for optimum mounting

# Radio solutions Centronic

## Sensors

### Radio-controlled awning movement sensor SensorControl SC211-II



- Settings not lost even when battery changed
- Setting the threshold values possible directly on the device
- Integrated transmission pilot lights
- Overload detection, e.g. by pool of water
- Optimum monitoring of wind movements directly on the front section of the awning

### Radio-controlled sun/wind sensor SunWindControl SWC510



- Ideal for retrofitting wired sun protection system for radio-based sun and wind monitoring
- Two intermediate positions can be programmed
- Setting the threshold values possible via a programmed operating device
- Operating button directly on the device
- Suitable for outdoor installation
- Adjustable sensor foot for optimum mounting



# The sun as a driving force: SolarKit for roller shutters and window awnings

Off-grid solutions are increasingly finding their way into roller shutter and sun protection applications as well. With the SolarKit, roller shutters and window awnings can be powered via a solar panel – without the need for complex cable installation. This makes the solution particularly attractive for retrofitting projects. Sun protection systems can also be monitored using solar energy: with the solar-powered sun-wind sensor.

**New** is the wireless solution based on CentronicPlus: the radio system provides status feedback, ensuring greater transparency and operational reliability. In addition, control via the CentralControl system is possible.

Solar products are an important step towards a resource-conserving future in home automation. With the option of solar operation, sustainability is combined with modern, networked control.



NEW

## Highlights of SolarKit PLUS

- Suitable for roller shutters and window awnings
- Status feedback to central control units and operating devices via the CentronicPlus radio system
- More than 50 (CentronicPlus) or even 100 (Centronic) operating cycles are possible with a single battery charge
- Control and charging electronics integrated in the drive
- Two intermediate positions can be programmed
- Increased burglary protection when using rigid shaft connectors
- Reduced noise levels thanks to soft start and soft stop



# Solutions for secondary escape routes

When using electric roller shutter drives, it is particularly important to keep the secondary escape route in mind. In the event of a fire or power failure, windows and doors must still serve as a safe escape route.

For these situations, Becker offers the ideal solution: the EscapeSet.

This product enables reliable emergency opening even in the event of a power failure. This ensures that the way outside is not blocked in an emergency.

## Escape route solution with the EscapeSet

With Becker's escape route solution using the EscapeSet, the shutter curtain can be quickly and easily raised at any time via a hand crank mounted on the inside. After using the hand crank, the drive automatically re-establishes its limit positions without needing to be reset. The hand crank only turns during the initial commissioning run. After that, it remains unobtrusively and securely in a holder next to the window. The EscapeSet is available for both top-mounted and new-build elements.

### Highlights at a glance:

- Enables quick operation, even in the event of a power failure
- No loss of limit positions after operating the hand crank
- Optimal gear ratio enables fast operation in an emergency
- Hand crank remains stationary during normal operation
- Includes accessories for installation in the existing roller tube



# SMI products for roller shutters and sun protection

Our entire SMI portfolio is certified according to **SMI 3.0.**



## SMI drive type S01 for roller shutters



- Blockage detection: Switches off in case of increase in torque (e.g. due to freezing)
- Sensitive obstacle detection in down direction for optimum protection of the application and the obstacle
- Upper anti-freeze mechanism with automatic shading solution length adjustment (can be additionally activated)
- Automatic increase of the pressing force with anti-lifting devices
- Soft upper stop – optimum adaptation of closing forces for fabric protection
- Insect screen protection function: detects an open insect screen door and prevents damage to the system

## SMI drive type S12 for sun protection



- Auto-install function: the drive automatically sets its own limit positions
- Blockage detection with multiple testing
- Cloth relief: the drive protects the fabric by relieving tension in the upper end stop position – can be activated or deactivated as an option
- Cloth tensioning function: the drive tensions the cloth by moving to a freely adjustable reverse position – can be activated or deactivated as an option

## SMI drive type S18 for ZIP applications



- Auto-install function: the drive automatically sets its own limit positions
- Blockage detection with multiple testing
- Sensitive obstacle detection with multiple testing
- Cloth relief: the drive protects the fabric by relieving tension in the upper end stop position – can be activated or deactivated as an option

## KNX/SMI actuator with Bluetooth interface



- 16-channel actuator
- Installation via app

## Becker app SMI Config Tool

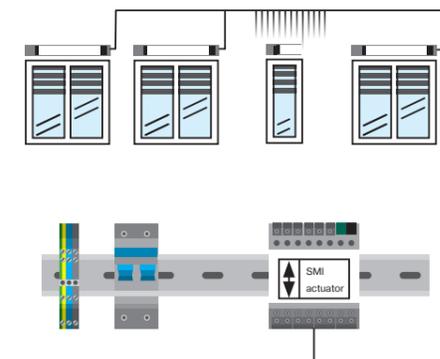


- Commissioning of the actuator via the app

## The benefits of an SMI installation

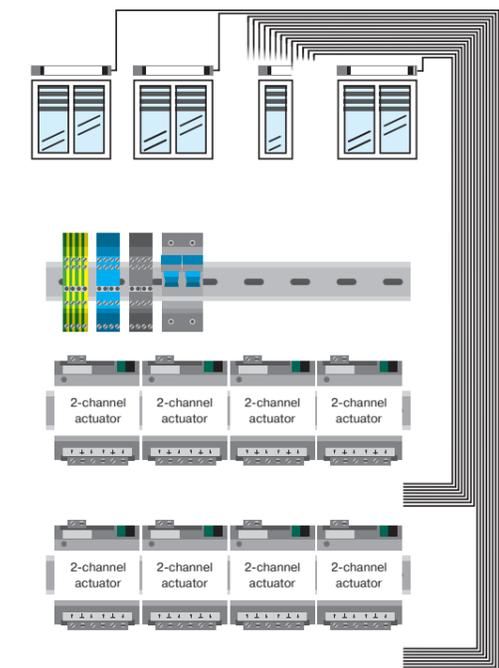
### SMI installation

16 drives – 1 supply line,  
5 cores into the system



### Conventional installation

16 drives – 16 supply lines,  
64 cores into the system



# A good feeling...

...you can rely 100% on that with products from Becker. Because in addition to high quality, you also receive full service: from expert advice through to professional installation. That's why the best way to obtain Becker solutions is via qualified specialist retailers. So that, as a customer, you're not just satisfied – but absolutely delighted.

for you. forever.

[www.becker-antriebe.com](http://www.becker-antriebe.com)

**QUALITY**  
made in Germany

**SUSTAINABLE**

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