



NEW
PRODUCTS
FOR 2024

HOME AND BUILDING AUTOMATION PRODUCTS FROM BECKER.



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for you. forever.

Sun protection drives for awnings with emergency manual operation and electronic limit switching

Drives with emergency hand crank are now also available with electronic limit switching or integrated radio receiver. The E33 drive series combines the benefits of emergency manual

operation with the technical highlights of electronic limit switching. The C33 series also has an integrated Centronic radio receiver.

E33 model with electronic limit switching



- Blockage detection with multiple testing
- Fabric untensioning: The drive protects the fabric by untensioning it in the upper stop limit position - function can be activated/deactivated
- Fabric tensioning function: The drive tensions the fabric by moving to a freely adjustable reversing position - function can be activated/deactivated
- Higher closing force for devices such as cassette awnings
- After operation in an emergency, the drive finds its limit positions again independently
- Switchable stop behaviour
- Automatic shading solution length adjustment: The shading solution length is automatically detected and corrected by the drive

C33 model with integrated Centronic radio receiver



All of the benefits of the E33, plus:

- Two intermediate positions can be programmed
- Compatible with sun/wind/rain sensors for maximum convenience
- Integrated Centronic radio receiver: Unidirectional, 868.3 MHz, compatible with the Centronic range of control units
- On-site operation possible via a wired 1-way button

Accessories for E33 and C33 drives with emergency manual operation



Awnings NHK accessory kit consisting of bevel gearbox and adapter set DW78N

Now also with CentronicPlus radio: Roller shutter drive with Evolution technology and Bluetooth® interface

EVO 20 R PLUS BT model with integrated CentronicPlus transceiver



- Evolution technology makes it possible to choose a variety of different travel profiles: Standard, dynamic or silent operation
- Optimised operation for roller shutters with Venetian blind function
- Particularly smooth-running motor technology
- Fly screen protection function: Detects an open insect screen door and prevents damage to the system
- Upper anti-freeze mechanism: The drive stops shortly before reaching the upper stop limit position; this position is cyclically monitored and corrected
- Integrated Bluetooth interface allows for configuration via the smartphone app
- Sensitive obstacle detection in the DOWN direction for optimal protection of the application and the obstruction



CentronicPlus technology

CentronicPlus stands out thanks to the attractive hand-held transmitter design and the wide range of control options. This radio control system ensures a constant connection between the transmitter and the receiver: The radio signal can reach the drive not only directly from the transmitter but also via another receiver thanks to state-of-the-art routing technology.

- Colour-coded LEDs indicating the status of the receivers being addressed
- Reliable bidirectional radio where the current status of the devices can be retrieved at any time via a gateway (CC41 or homee)
- Interference-resistant radio frequency (868 MHz)
- Extremely simple management thanks to the automatic detection of new devices and the receiver type (e.g. roller shutter, awning, radio socket, Venetian blind etc.)
- Compatible with a large number of control units from the Centronic II and III series



Evolution technology

You really can hear a pin drop - a key feature of the EVO drive series. Thanks to the intelligent design of the technology, it's almost impossible to hear this drive series. The ability to set a driving profile also further increases flexibility and reduces noise.

The intelligent EVO technology is now available in combination with the CentronicPlus radio control system. The particularly quiet drive systems can therefore be controlled via hand-held transmitter or wall transmitter using the most powerful Becker radio control system.



Roller shutter drives with integrated Matter radio transceiver



Drive type with integrated Matter radio transceiver

- Automatic detection of limit positions
- Upper anti-freeze mechanism
- Sensitive obstacle detection
- Fly screen protection function
- Integrated Matter radio transceiver allows for integration into a wide range of open systems



Matter technology

The „Matter“ radio control system is designed to make it a lot easier to plan and implement smart homes in the future. Over 180 companies are now working together to develop the standard that will change the smart home industry for good. It is hoped that this connection standard will build a bridge that will enable smart home devices to work together across all platforms. It will no longer matter whether the connection is being made to devices from Amazon, Apple, Google or similar manufacturers.

Becker joins the numerous brands such as Amazon, Apple, Google, Ikea, Philips and Samsung. No control system is to be imposed on the user. Instead, Becker products should be able to be integrated unobtrusively into systems. This is why Matter is opening doors at Becker.

The easier it becomes for customers to connect devices from different manufacturers, the stronger the market for these products will grow. With Matter, customers will be able to address Becker drives directly with end devices, e.g. via Apple HomeKit or Google home. The use of additional home control centres or gateways will then still be an option, but no longer mandatory.

The selected technologies promise a high level of transmission security. Based on the number of high-quality participants in the alliance, we hope that the standard will be widely distributed, which will in turn make it highly future-proof for users. As a member of the „Connectivity Standards Alliance“ (formerly known as the Zigbee Alliance), Becker is proud to be contributing to this project for the standardisation of the new smart home ecosystem.

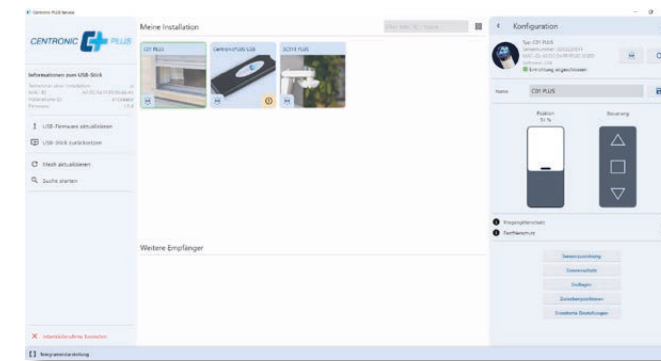
KNX / SMI actuator



16-channel KNX/SMI actuator with Bluetooth interface

- Enables the scan of key IDs of all connected devices
- Parallel operation of up to 16 drives possible
- Automatic switch-off of the outputs saves standby consumption of the drives
- Commissioning, configuration and operation can be performed using a free app
- Status LED on the device

CentronicPLUS service tool



CentronicPlus support tool for commissioning and service

- Extremely easy commissioning and maintenance of CentronicPlus installations
- Convenient management of sun protection functions such as sensor assignments and central threshold management
- Wireless software updates for drives, receivers and sensors
- Commissioning and configuration of CentronicPlus devices
- Intuitive user interface for easy operation
- Varied diagnostic possibilities



Time and sun protection control with integrated Bluetooth® interface



TimeControl TC72 - timer and sun protection control with Bluetooth interface

- Bluetooth interface for configuration via the app
- Astro functions
- Pre-programmed switching times
- Large illuminated display
- Threshold management and automatic threshold function in sun protection mode
- Pre-set thresholds
- Range of functions as with TC52 or SWC62



MemoControl MC52 - memory button with integrated Bluetooth interface

- Bluetooth interface for configuration via the app
- Astro functions in roller shutter mode
- Threshold management and automatic threshold function in sun protection mode
- Range of functions as with TC52 or SWC62
- Enables the programming of one memory time each for the up and down direction

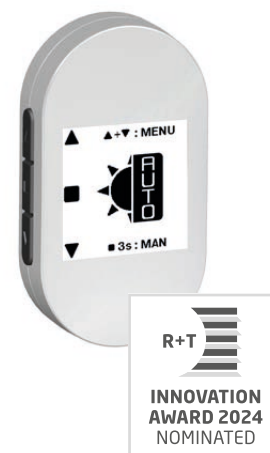
New switches and push-button design



EasyControl EC62S & EC62P - switch/push-button for roller shutter and sun protection applications

- Modern design
- Switch/push-button 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

Intelligent radio sensors



SensorControl SC631 PLUS - CentronicPlus solar disc light sensor

- Energy harvesting via solar supply unit
- Option to charge via USB-C (no need to replace batteries)
- Reusable adhesive pads for fitting included
- Adjustment via E-paper display
- Supports the Centronic and CentronicPlus radio control systems
- Distribution of sensor values via CentronicPlus mesh



SensorControl SC861 PLUS - CentronicPlus solar sun/wind sensor

- With integrated solar power supply, there is no need to lay cables
- Single, group or central control unit
- Convenient threshold adjustment via the hand-held transmitter or central control units
- Mesh technology ensures the automatic networking of all devices to create a powerful network
- Control button directly on the device
- Suitable for outdoor installation

Radio receiver and transmitter with DECT radio



VarioControl VC420 DECT - universal flush-mounted radio receiver DECT

- Makes it possible to retrofit existing drives into the FRITZ!Box home automation system
- One-button learn-in: Simple programming at the touch of a button
- An external push-button can be connected
- Option of wireless software update
- Can be fitted into any flush-mounted device socket with 58 mm diameter according to DIN EN 49073 / DIN EN 60670



LightControl LC422 DECT - switching actuator with integrated DECT transmitter unit

- Makes it possible to integrate lights into the FRITZ!Box home automation system
- Two push-buttons can be connected for transmission channels: Linking of intelligent functions via the FRITZ!Box
- Any switch/push-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

DECT-/BoxCTRL technology

The external radio receiver with DECT radio allows for a direct connection to the FRITZ!Box, meaning that there is no need for an additional gateway. The growing FRITZ! eco system is increasingly expanding to include products that are predominantly used to design a smart home.

The system highlights

- Bi-directional radio system
- Open radio standard for compatibility with products from other manufacturers
- No third-party gateways, central control systems or actuators are needed thanks to the use of existing basic devices or routers
- Option of wireless software update

EscapeSet for the second escape route



EscapeSet for roller shutters in attachment elements or new construction boxes

- Quick opening even in a power failure
- Crank turns once during the first installation run or once it has been triggered
- Drive with sensitive obstruction and blockage detection
- Drive automatically detects its limit positions, even after the crank has been operated
- Suitable for use for roller shutters in attachment elements or new construction boxes

Safety even in an emergency

A second escape route is becoming a requirement for more and more buildings. When using electric drives, it's particularly important to have a safe solution, even in the event of a power failure. With the EscapeSet, you can meet the requirement for an additional escape route. The crank installed on the inside allows the shading

solution to be cranked upwards easily and quickly in any situation. Even after the crank handle has been used, the drive automatically finds its limit positions again without having to be readjusted. The crank only turns during the first installation run. Afterwards, it remains inconspicuous and secure in a holder next to the window.

Important information on installation and sales

Due to patent agreements, delivery of drive type E22 is not permitted for roller shutter applications associated with escape door solutions for homes, modular structures or commercial properties featuring a solid-wood and/or timber frame design.



Drives with absolute value encoders for textile smoke and fire protection doors



Type AE FKB 10A

- Tubular drive with specially developed absolute value encoder with performance level „d“
- Electronic position detection
- No need to access the motor head during assembly/the production process
- RS485 interface
- No need for reference travel after a power failure

Engine control XCF-400e

- Tubular drive closing speed and function monitoring
- Adjustable intermediate position with dwell time
- Integrated USB-C interface
- Configuration and maintenance via PC software tool (SetupXpert) and USB dongle (software protection)
- Option to connect an electric safety edge
- Status relay outputs
- Automatic reopening when alarm is acknowledged

Drives for sliding windows



Type C PS G1 4A

- Electronic limit switching
- Automatic wire/belt length compensation: A lengthening of the suspension is automatically detected and corrected by the drive
- Blockage detection: Switches off in the event of obstructions (e.g. due to freezing) and torque increases
- Soft upper stop: The application is optimally protected by the soft stopping
- Integrated closed circuit current brake - holds the drive in position when de-energised. Safety factor: 2-way safety

EXTENDED
applications



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for you. forever.



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sun protection and Extended Applications

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