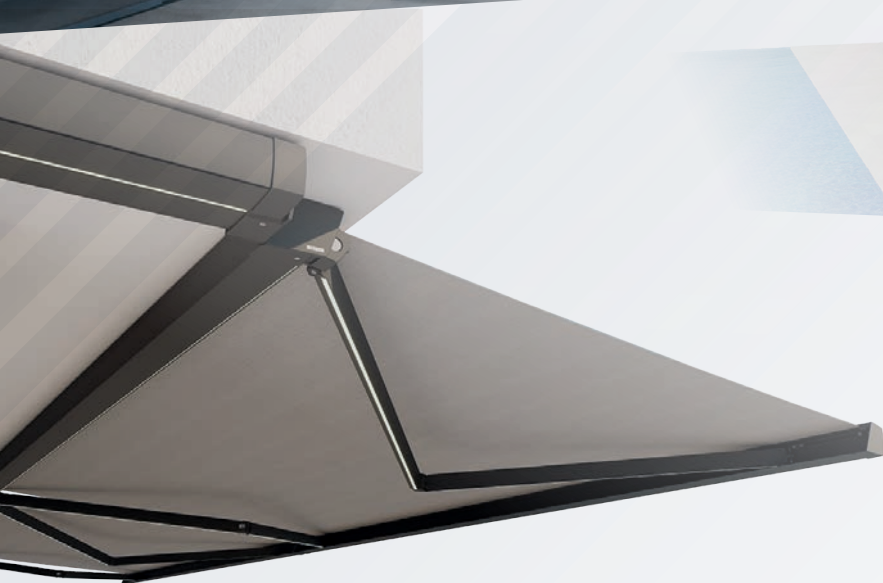
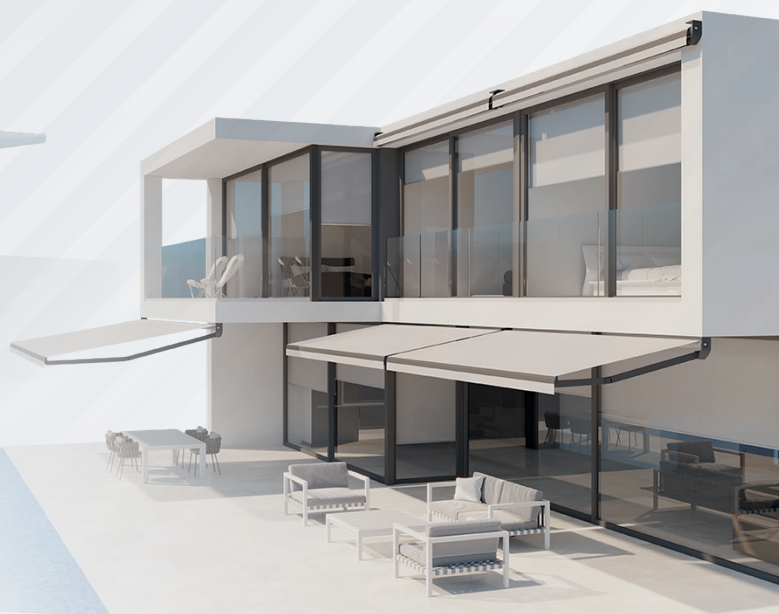
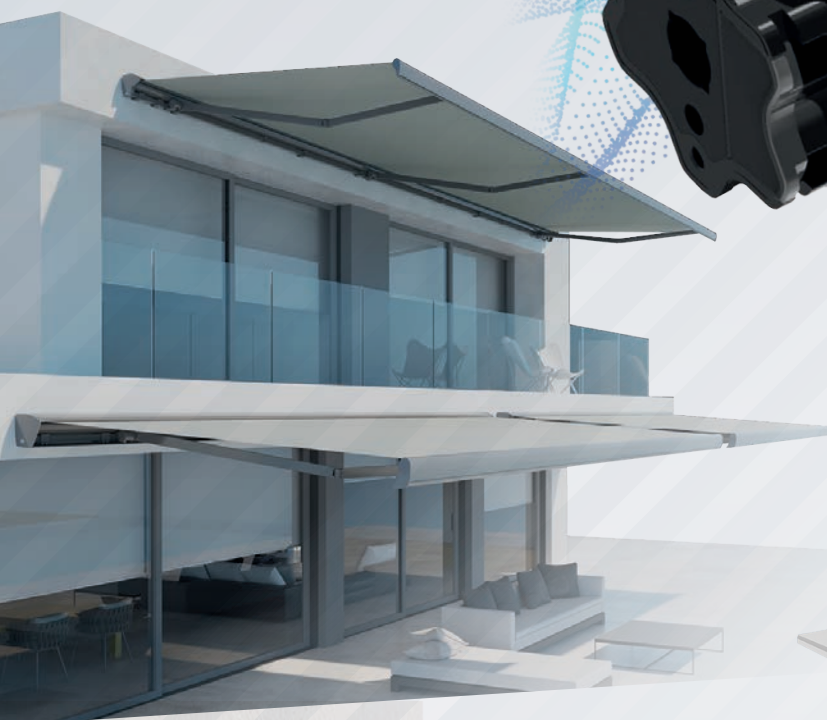


INTELLIGENT MOTORS

**LLAZA**<sup>®</sup> eon  
by A-OK



TECHNICAL  
CATALOGUE

**LLAZA**<sup>®</sup> eon  
the smart move  
by A-OK



LLAZA control and automation,  
to be connected to our way of life.



We increasingly use our smartphones and voice assistants to make our day-to-day lives easier. We can control our home appliances and observe what's happening at home while we're away via a webcam. We make our favourite song play without pressing any buttons. So **how could it not be possible to raise and lower our awnings just like that?**

The new LLAZA EON control and automation family is designed to bring **intelligent connectivity** to all our installations.





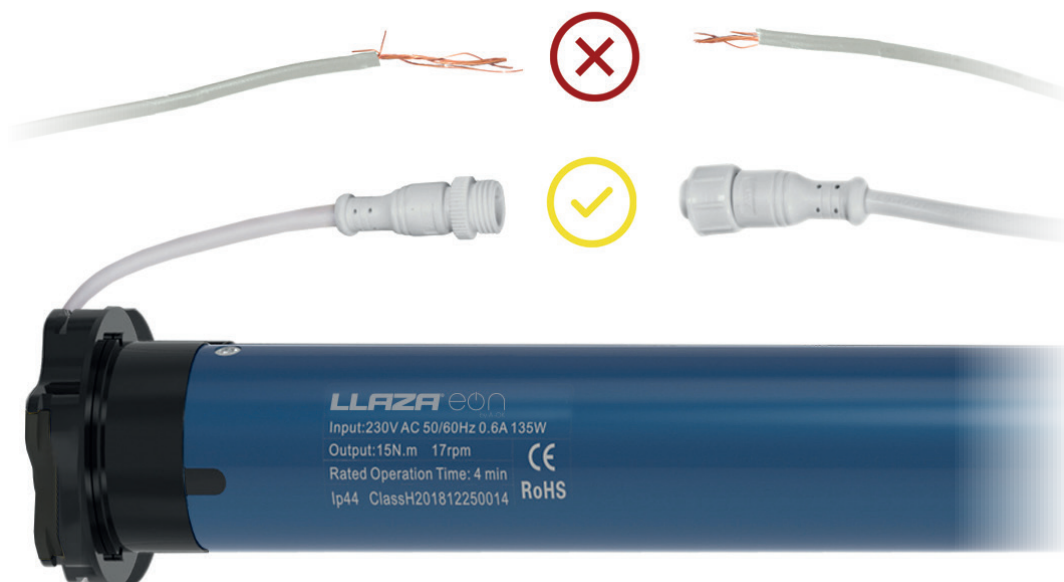
There's no doubt that the **Internet of Things (IoT)** is changing the world. Direct connectivity between devices simplifies programming, eliminates unnecessary devices and provides more agility. Interconnected ecosystems become one big brain.

Awnings and other sun protection elements cannot be left behind in this regard, as they're key to managing energy savings in buildings. They are façade elements that regulate the temperature exchange between the exterior and the interior. They play a major role in contributing to lower CO2 emissions targets. **All features that make them more efficient will increase their potential.**

**LLAZA<sup>®</sup>** eon  
by A-OK  
the smart move



# Easy Connect<sup>®</sup>



Simplicity and the ability to adapt to all spaces are the key to success with the installation of a tubular motor.

Thanks to **Easy Connect<sup>®</sup>**, simply choose the 2 to 20 metre cable you need and connect directly to the electrical fabric without having to cut the wiring.

**Changing a Tubular Motor has never been so fast!** The replacement of our Easy Connect<sup>®</sup> requires no tools of any kind.

A simple click and the new motor is connected.

**Save time and money!**

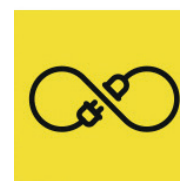
By having the Easy Connect<sup>®</sup> connector wiring pre-installed by an electrician during construction or renovation, the subsequent installation of any of our tubular motors is done almost instantaneously, **without tools and without the need to tamper with the electrical network.**



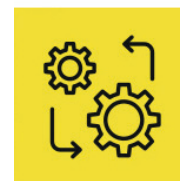
Water-resistant



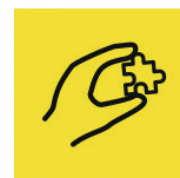
Secure installation



For any distance



Easy replacement



Easier assembly



# MOTOR MODELS LLAZA EON RANGE

## AWNINGS MOTORS

### F.C. ELECTRONIC

- Ø45: Nm/rpm 15/17 – 30/17 – 50/12
- Ø45: Nm/rpm 50/12 LED

### F.C. MECHANIC

- Ø45: Nm/rpm 15/17 – 30/17 – 50/12

## VERTICAL MOTORS

### F.C. ELECTRONIC

- Ø45: Nm/rpm 20/17 ZIP

### F.C. MECHANIC

- Ø45: Nm/rpm 10/30 fast

## MOTORS WITH LITHIUM BATTERY

- Ø35: 6Nm/18rpm



## TRANSMITTERS

- LLAZA EON TRANSMITTER 1-6 channels bidireccional.
- TRANSMITTER 1 AND 5 channels.
- TRANSMITTER 5 channels for awnings with LED.
- TRANSMITTER EON R-1 channel.



## SENSORS



## COUPLINGS



# Awnings connected directly to Wi-Fi with the LLAZA EON smart range

Innovation is the adjective that best describes LLAZA EON.

A range with intelligent motorisation that offers great advantages to professionals in the sun protection sector.

These advantages translate into tangible benefits for the end user, who will enjoy the comfort Llaza Eon brings to their home on a daily basis.



Siri, close the awning



# New generation microchips for direct WIFI connection



LLAZA EON motors are the standard bearers of this advanced Internet of Things (IOT) technology, establishing an immediate connection with mobile phone Apps.

It's no longer necessary to depend on hubs, nor to be dependent on products that are incompatible with open systems. The application of automation at its best; total control at any time and in any place.

The application of automation at its best; total control at any time and in any place.

The state-of-the-art technology offered by the **free Smartlife and Tuya Smart applications** allows us to control all the sun protection elements, security devices and lighting in the house conveniently from our smartphone.

Lower the blinds, one click. Turn off the kitchen lights, another click. **Simple, convenient and efficient.**

Control your space with **Google Home, Siri Apple and Amazon Alexa** voice assistants. These applications are available for **iOS and Android** operating systems. And they can be downloaded from the **Google Play and App Store Marketplace**.



**LLAZA<sup>®</sup> eon**  
the smart move by A+OK





# LLAZA EON smart remote

The LLAZA EON remote is designed to be elegant, decorative and intelligent. **Up to 6 channels can be configured with bidirectional technology.** It maintains a constant dialogue with the motor, tracking the status and position of the awnings at all times.

On the digital display, we can see icons informing us of:

- Order execution.
- % awning opening.
- Sun sensor status: On/Off.
- Battery charge level.
- Channel number.



It's a responsible consumption controller, as it doesn't use batteries  
and its battery is charged via USB-C.



Exclusive design



# EON BIDI

## Electronic limit switch motor Ø45

### TECHNICAL DATA



Article	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current	Frequency	IP
50005045015	EON BIDI	15 Nm	17 RPM	514 mm	230 V	135W	0.6 A	868.3 Mhz	IP44
50005045030	EON BIDI	30 Nm	17 RPM	552 mm	230 V	200W	0.89 A	868.3 Mhz	IP44
50005045050	EON BIDI	50 Nm	12 RPM	564 mm	230 V	250W	1.089 A	868.3 Mhz	IP44

Motor via radio, with electronic limit switch and bidirectional 868.3 Mhz frequency. It is designed for medium and large size awnings.

The bidirectional communication with the climatic sensors allows total security in case of weather alarms based on established parameters, as well as the activation and deactivation of the solar sensors through the transmitter control.



Compatible with Smart Home TUYA – SMARTLIFE



Compatible with voice assistants



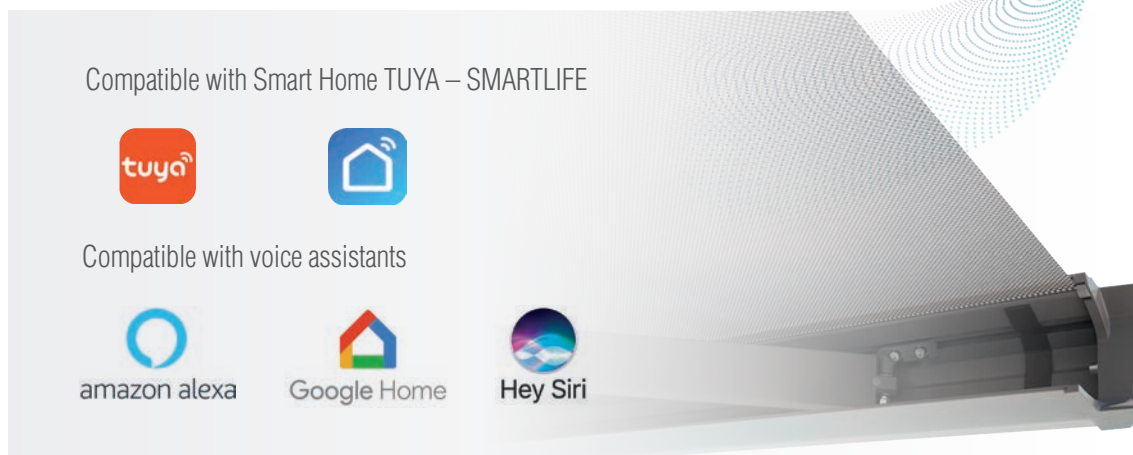
amazon alexa



Google Home



Hey Siri





## FEATURES

- Ø45
- Electronic limit switch.
- Two programming options: double limit switch or pressure closing (cassette awnings).
- Bidirectional with climate sensors.
- Possibility to deactivate the solar sensor periodically.
- Universal motor head.
- Built-in radio receiver
- Frequency 868.3 Mhz
- High sensitivity (-110 dBm) superheterodyne receiver module.
- Surface resistant to humidity.
- Patented brake structure on both sides.
- Self-correcting brake position.
- Sealed control board, which prevents electromagnetic interference.
- Sensors to detect number of revolutions
- Very quiet. Noise less than 45 dB.

## EON BIDI



## EON BIDI TRANSMITTERS

### LLAZA EON

Controller with a completely different design concept. **Modern, elegant and functional.** With a clear view of the functions on the screen.

The same control can be configured **from 1 to 6 channels** to optimise stock and allow more awnings to be added at a later date.

Article	N°. of Channels
48006008002	6



- Exclusive LLAZA design
- Dimensions (mm): 129.5 x 39.20 x 12
- Bidirectional technology.
- On/Off sun sensor function
- Multifunctional display:
  - Execution of orders.
  - % awning opening.
  - Channel number
  - Battery charge level
  - Sun sensor status.
- USB-C charging
- Supplied with wall bracket.

### BIDI SUN

Modern and fully ergonomic design.

Its technology with 868.3 Mhz frequency creates bidirectional communication between transmitter, motor and climate sensors. It also has a radius of operation of more than 120 metres.

Article	N°. of Channels
48006017001	1
48006016001	5



- Functional design
- Dimensions (mm): 128 x 43.5 x 11
- On/Off sun sensor function
- Anti-scratch and anti-friction panel.
- LED lighting on/off function.
- Low consumption battery, 2-3 years' duration.
- Type of battery: 3V CR2450
- Operating temperature -20° - 55°C.
- Frequency 868.3 MHz.
- Transmission power: less than or equal to 10 mW.
- Operating mode: remote

# EON BIDI LED

## Electronic limit switch motor Ø45

### TECHNICAL DATA

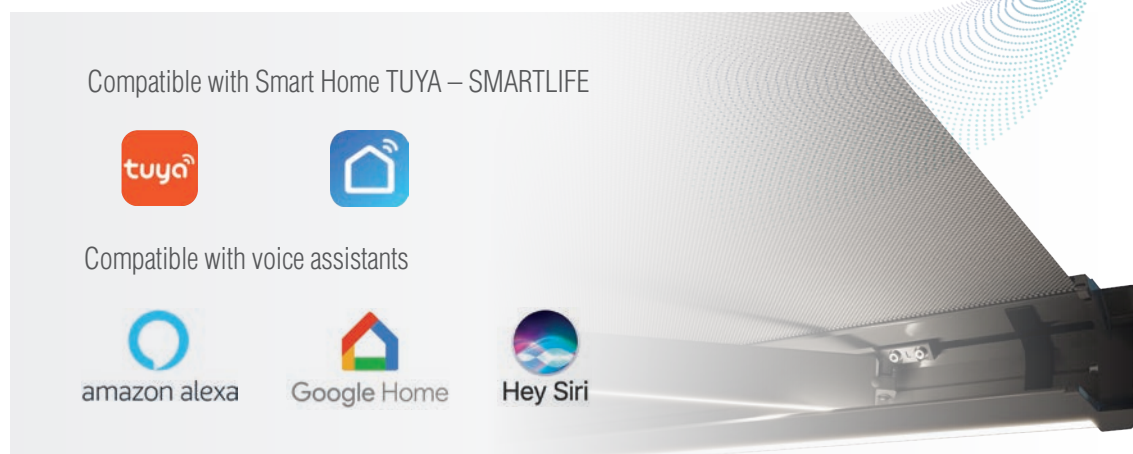


Article	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current	Frequency	IP
50010045050	EON BIDI LED	50 Nm	12 RPM	564 mm	230 V	250W	1.089 A	868.3 Mhz	IP44

Ideal for awnings with LED illumination (up to 3 m. output approx.)

Motor via radio, with electronic limit switch and bidirectional 868.3 Mhz frequency with climate sensors, allows total security in case of weather alarms, as well as the activation and deactivation of the solar sensors.

It has a low-voltage wiring output for LED connection, which is automatically programmed with the transmitter control.



## FEATURES

- Ø45
- Electronic limit switch.
- Two programming options: double limit switch or pressure closing (cassette awnings).
- Bidirectional with climate sensors.
- Possibility to deactivate the solar sensor periodically.
- Universal motor head.
- **DIMMER LED lighting control from a transmitter control unit**
- Built-in radio receiver
- Frequency 868.3 Mhz
- High sensitivity (-110 dBm) superheterodyne receiver module.
- Surface resistant to humidity.
- Patented brake structure on both sides.
- Self-correcting brake position.
- Sealed control board, which prevents electromagnetic interference.
- Sensors to detect number of revolutions.

## EON BIDI LED



## EON BIDI LED TRANSMITTERS

With built-in dimmer control

This control allows you to turn on, turn off and modify the intensity of the LED illumination.

Its technology with 868.3 Mhz frequency creates bidirectional communication between transmitter, motor and climate sensors. It also has a radius of operation of more than 120 metres.

Article	N°. of Channels
48006013000	5



- Functional design
- Dimensions (mm): 128 x 43.5 x 11
- On/Off sun sensor function
- Anti-scratch and anti-friction panel.
- LED lighting on/off function.
- Low consumption battery, 2-3 years' duration.
- Type of battery: 3V CR2450
- Operating temperature -20° - 55°C.
- Frequency 868.3 MHz.
- Transmission power: less than or equal to 10 mW.
- Operating mode: remote



# EON BIDI EV LOCK

## Electronic limit switch motor Ø45 Vertical Awnings

### TECHNICAL DATA



Article	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current	Frequency	IP
50009045020	EON BIDI EV LOCK	20 Nm	17 RPM	514 mm	230 V	135W	0.6 A	433.92 Mhz	IP44

### Ideal for vertical awnings with ZIP Guidance

Motor via radio, with electronic limit switch and obstacle and wind detection.

Designed for ZIP vertical awnings. It has the option of programming limit switches through the transmitter control or automatic controls. Suitable for locations that are high up.



Compatible with Smart Home TUYA – SMARTLIFE



Compatible with voice assistants



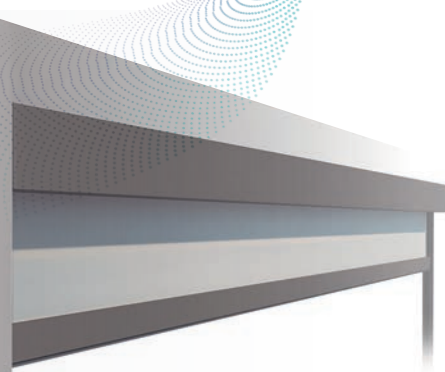
amazon alexa



Hey Siri



Google Home



FEATURES

- Ø45
- Electronic limit switch.
- Obstacle detection and automatic reversal.
- Temporary and permanent wind detection
- Two programming options: through the transmitter control or automatic controls.
- Multiple programmable positions.
- Built-in radio receiver.
- Universal motor head.
- High sensitivity (-110 dBm) superheterodyne receiver module.
- Surface resistant to humidity.
- Patented brake structure on both sides.
- Self-correcting brake position.
- Sealed control board, which prevents electromagnetic interference.
- Sensors to detect number of revolutions
- Voltage-free input for individual pushbuttons, group pushbuttons or any wired home automation system.

EON BIDI LED EV LOCK



TRANSMITTERS

LLAZA EON

Controller with a completely different design concept. **Modern, elegant and functional.** With a clear view of the functions on the screen.

The same control can be configured from **1 to 6 channels** to optimise stock and allow more awnings to be added at a later date.

Article	N°. of Channels
48006008002	6



- Exclusive LLAZA design
- Dimensions (mm): 129.5 x 39.20 x 12
- Bidirectional technology.
- On/Off sun sensor function
- Multifunctional display:
  - Execution of orders.
  - % awning opening.
  - Channel number.
  - Battery charge level.
  - Sun sensor status.
- USB-C charging
- Supplied with wall bracket.

BIDI SUN

Modern and fully ergonomic design.

Its technology with 868.3 Mhz frequency creates bidirectional communication between transmitter, motor and climate sensors. It also has a radius of operation of more than 120 metres.

Article	N°. of Channels
48006017001	1
48006016001	5



- Functional design
- Dimensions (mm): 128 x 43.5 x 11
- On/Off sun sensor function
- Anti-scratch and anti-friction panel.
- LED lighting on/off function.
- Low consumption battery, 2-3 years' duration.
- Type of battery: 3V CR2450
- Operating temperature -20° - 55°C.
- Frequency 868.3 MHz.
- Transmission power: less than or equal to 10 mW.
- Operating mode: remote

# EON MV FAST

## Electronic limit switch motor Ø45 Vertical Awnings

### TECHNICAL DATA



Article	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current	IP
50006045010	EON MV FAST	10 Nm	30 RPM	552 mm	230 V	170W	0.735 A	IP44

### Ideal for quick closing vertical awnings

High-speed inverter motor with mechanical limit switch. It is designed for medium and large roller blinds and awnings. Also used for large projection screens, etc.

Ideal for use with vertical roll-up sun protection due to its high speed (30RPM).

### INVERTER DRIVE

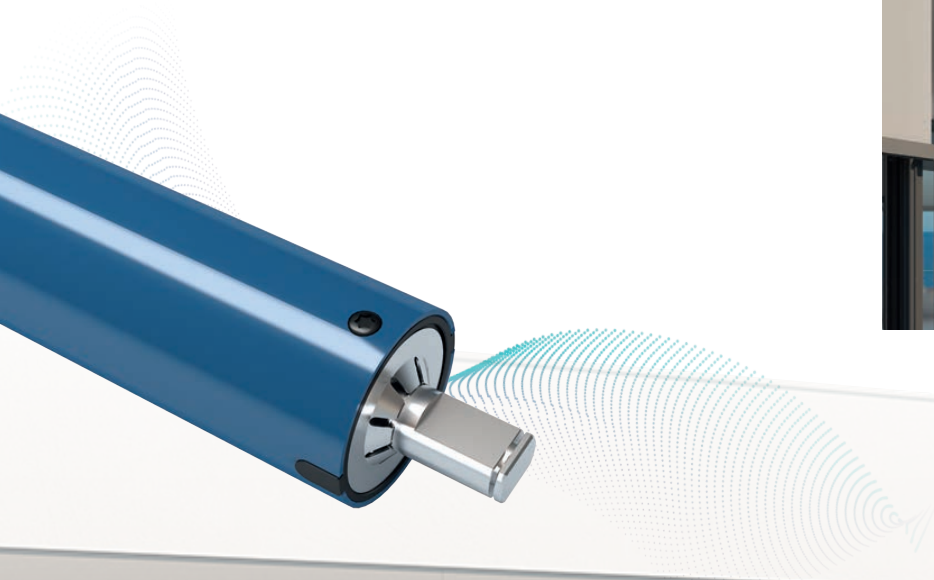




## FEATURES

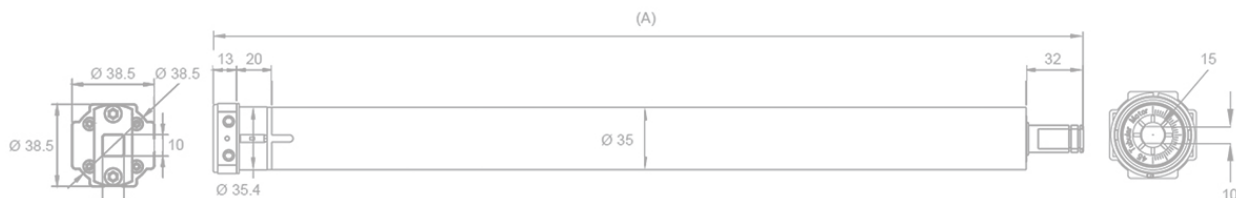
- Ø45
- Mechanical limit switch.
- Fast motor, with 30 revolutions per minute.
- Very quiet. Below 45 dB.
- Precision limit switch.
- Maximum limit of 55 revolutions.
- Patented brake structure on both sides.
- Valid for installations affected by frequency inhibitors.

## EON MV FAST



# EON BATTERY

## Electronic limit switch motor Ø35 Vertical Awnings



Article	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current	Frequency	IP
50003035006	EON BATTERY	6 Nm	18 RPM	780 mm	DC 12 V	36 W	3 A	433.92 Mhz	IP44

### Ideal for curtains and roller blinds

Silent and with internal lithium battery, it is designed for roller blinds, roller shutters, pleated blinds, night and day blinds and wooden venetian blinds.

Its **integrated lithium battery** is recharged with a charger. With a full charge, the motor can operate for six months, when used once a day (raised and lowered). Its installation is purely wireless, saving on labour and costs.

It is adapted to suit applications where there is no power supply, offering effective solutions to the problem of electrical energy supply.



Compatible with Smart Home TUYA – SMARTLIFE



Compatible with voice assistants



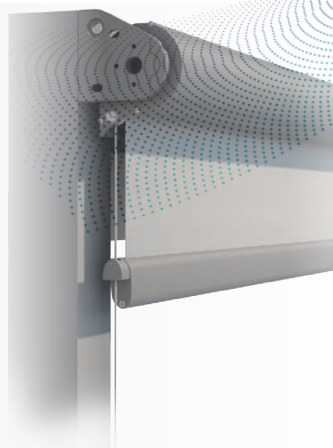
amazon alexa



Hey Siri



Google Home



## FEATURES

- Ø35
- Electronic limit switch.
- Built-in radio receiver.
- **Multiple programmable positions. 2 F.C. + 4 intermediate stops.**
- **High precision limits.**
- High sensitivity (-110 dBm) superheterodyne receiver module.
- Self-correcting brake position.
- Sealed control board, which prevents electromagnetic interference.
- Sensors to detect number of revolutions
- **Very quiet, below 40 dB.**
- **Shockproof relay.**
- Compatible with centralised intelligent control.



No need for electrical installation thanks to lithium batteries



**Battery charger 16.8 V output voltage:** Charging time required: 6 - 8 hours.  
Ref. 48006009000

## EON BATTERY



**SILENT**  
< 40 dB



## EON R-1 CANAL TRANSMITTER

Modern, elegant and fully ergonomic design. It also has a radius of operation of more than 120 metres.

Article	N°. of Channels
48006000001	1



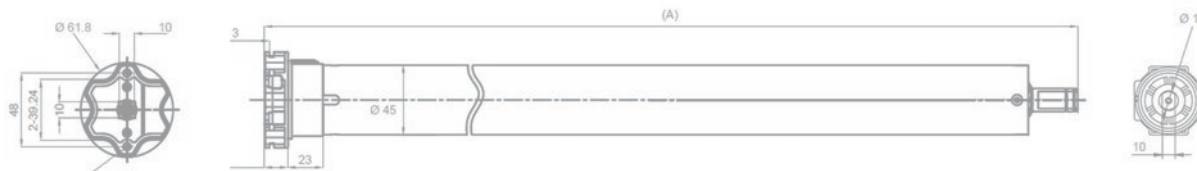
- Piano finish cover.
- Extremely scratch-resistant acrylic panel.
- CR2032 (3V) battery easy to access and replace.
- Low energy consumption.
- Operating temperature: -20 °C ~ +55 °C
- Frequency: 433.92 Mhz.
- Transmission power: ≤10mW.



# EON MC

## MECHANICAL limit switch motor Ø45

### TECHNICAL DATA



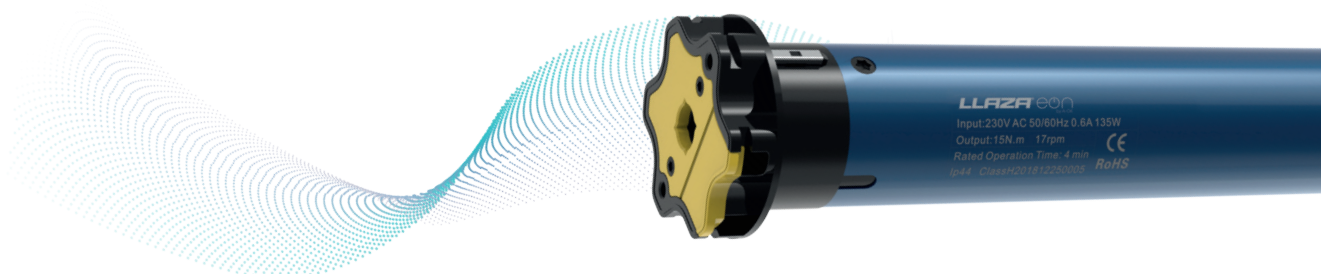
Article	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current	IP
50004045015	EON MC	15 Nm	17 RPM	440 mm	230 V	135W	0.6 A	IP44
50004045030	EON MC	30 Nm	17 RPM	545 mm	230 V	200W	0.89 A	IP44
50004045050	EON MC	50 Nm	12 RPM	590 mm	230 V	250W	1.089 A	IP44
50004058080	EON MC	80 Nm	12 RPM	627 mm	230 V	400W	1.7A	IP44
50004058120	EON MC	120 Nm	9 RPM	625 mm	230 V	396W	1.75 A	IP44
50004058140	EON MC	140 Nm	9 RPM	625 mm	230 V	420W	1.85 A	IP44

Indicated for installations affected by frequency inhibitors.

Geared motor with mechanical limit switch for medium and large roller shutters and awnings, also used for large projection screens.

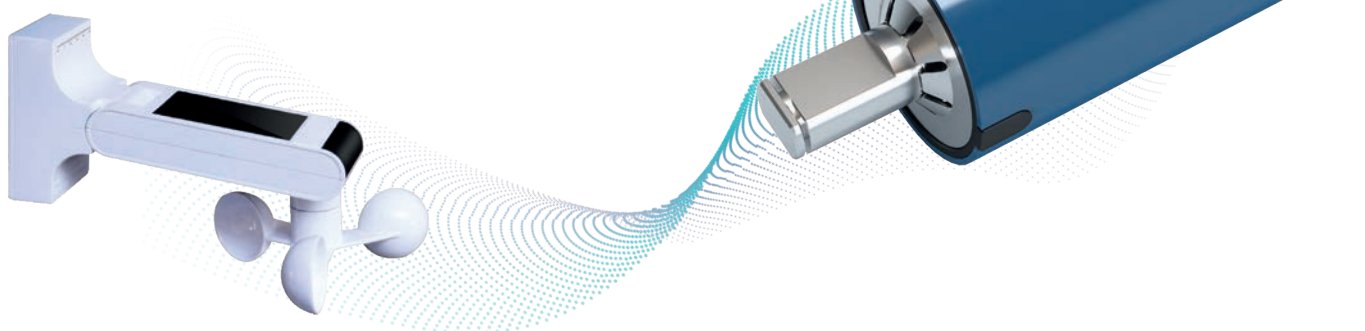
### FEATURES

- Ø45
- Mechanical limit switch.
- Maximum limit of 55 revolutions.
- Very quiet. Below 45 dB
- Precision limit switch.
- Patented brake structure on both sides.



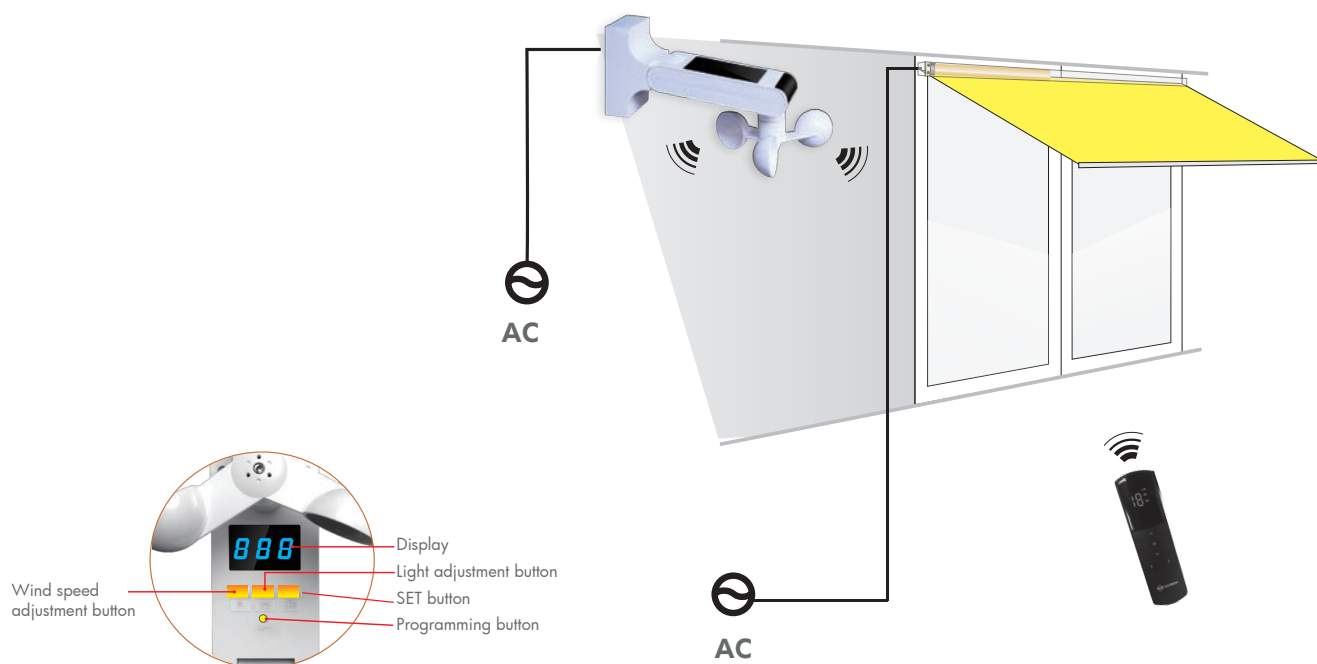
# AUTOMOTIVE SYSTEMS

## Wind/sun sensor



	Model	Newtons	RPM	Measurement A	Voltage	Nominal Power	Rated Current
48006012000	Wind/sun sensor (cabling)	AC 230V 50/60HZ; AC 120V 60HZ	-20° + 55° C	433,92 Mhz	<10mW	IP44	0,485 A

- Connection to 220 V power supply.
- UV resistant cover for outdoor use.
- The rotating shaft in the wind sensor reduces friction and increases sensitivity.
- Automatically measures wind and sunlight values.
- With sensor adjustment option for better adaptation to the climate.
- With 9 adjustment levels per sensor.



# COUPLINGS



Article	Model
47045004000	Coupling Ø45 motor to 70mm tube with centered slot



Article	Model
47045005000	Coupling Ø45 motor to 78mm tube with slot



Article	Model
47045008000	Coupling Ø35 motor to 40mm round tube



Artículo	Modelo
47045006000	EON support for universal head Hipro



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