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IT’S EASY TO STAY IN CONTROL
HELLA helps you to keep control over your house, even when you are not at home.

ONYX.HOME is a control system specially developed for the operation of sun protection products.
The ONYX.HOME control system was specially developed for the operation of sun protection products. Blinds, Venetian blinds, awnings and roller shutters are conveniently controlled via smartphone, tablet or automation.

All shading elements are graphically displayed in the free ONYX® app. The position of the sun screen is already visible during control.

All products can be visually marked with colours in the app. In addition, it is possible to assign names for each individual cover for easier identification and operation.

Of course, the sun protection products can also be controlled via regular buttons. This means that children or guests who do not have access to the ONYX.HOME system can also operate the sun screen.
1. CONFIGURE
A QR code links between the devices. With the help of the ONXY App you simply scan the code of a control device to add it to your system. Enter a name and a colour and you already have full control.

2. GROUP
Group your shading elements without any effort and colour them in order to keep track.

3. CONTROL
Light and shade of your home can easily controlled with gestures – even on the go! Whether individual shading elements or entire groups, ONYX keeps things easy.

ADVANTAGES
Your HELLA benefits for this product:
- Easy configuration: scan and get started
- Live feedback on position and movement of the shading element
- Automatic functions (wind/sun/astro/time/twilight) individually adjustable for each shading element
- Also easy and inexpensive for renovation
- Security through transparent access control
- Routing function for the best possible data transmission by reliable forwarding of the signals
- Secure encryption between devices and smartphone/tablet
SAFETY
ONYX®, A SECURE SMART HOME SYSTEM

Unlike most other solutions currently available on the market, ONYX® is designed with security in mind. However, this security must be transparent for the customer and not perceived as disturbing.

Some examples are:
- Access control for all devices via the ONYX® app
- Encryption between ONYX.CENTER and your smartphone
- Additional security through the use of QR codes

SECURE DATA EXCHANGE
ONYX® communicates via IP, enabling data exchange with other systems. Nevertheless, great importance is attached to encryption, only authorized participants are allowed to access the interface.
ONYX.CENTER

The centre-box ONYX.CENTER serves as an interface between smartphone and the individual control devices and communicates via a wireless radio connection. It transmits radio commands bidirectionally, which displays the exact current position of the sun screen via the live feedback in the app.

ONYX® ensures maximum security when transmitting radio commands by reliably forwarding the signals.
The ONYX.CONNECTOR is connected directly to the sun screen drive and plugged between the power supply and the existing motor. This makes it perfect for retrofitting in existing systems or for installation in new ones. It offers the easiest and fastest way to connect shading elements with ONYX®.

Due to its slim shape and small size, the ONYX.CONNECTOR can be installed almost anywhere, even when mounted outside. It is controlled via the ONYX® app.

ONYX.NODE
An ONYX.NODE control unit is installed between the power supply and the existing motor for each shading element to be controlled.

It makes any individual shading element fit for a smart home and it nevertheless offers the additional possibility of using a built-in push button. Any commercially available shutter switch can be used. Group control, for example of several sun protection products in one room, can also easily be implemented.

Option 1: Group control via radio
Option 2: Wired group control

ONYX.CONNECTOR
The ONYX.CONNECTOR is connected directly to the sun screen drive and plugged between the power supply and the existing motor. This makes it perfect for retrofitting in existing systems or for installation in new ones. It offers the easiest and fastest way to connect shading elements with ONYX®.

Due to its slim shape and small size, the ONYX.CONNECTOR can be installed almost anywhere, even when mounted outside. It is controlled via the ONYX® app.
ONYX.WEATHER

The weather sensor ONYX.WEATHER logs the external weather influences such as wind speed, sun intensity and temperature on the facade. It transmits values for the automatic functions wind, sun and twilight for morning and evening.

The measured brightness is used to adjust your sun protection products exactly to your perception. It is therefore possible that these are automatically set to the correct position at sunrise or sunset.

In addition, the integrated sensors ensure greater safety and living comfort in your home. In strong midday heat, the external blinds close automatically, keeping the room temperature comfortable and your plants or animals feel good too. The humidity and pressure are also recorded to give you the best possible overview of the climate on the façade in the app.
HAND-HELD RADIO TRANSMITTER
EVERYTHING IS UNDER CONTROL

ONYX.CLICK

The new handy ONYX.CLICK makes it possible to operate the sun protection products via ONYX® as with a conventional hand-held radio transmitter. It serves as an extension for the ONYX.CENTER Box, but it can also be used in stand-alone mode with ONYX® control units.

Common control systems use key combinations to link a hand-held radio transmitter with the corresponding control unit. This method is time-consuming and nerve-racking since it is usually not immediately apparent which device has now been taught-in. Thanks to the innovation of the ONYX.CLICK, the assignment of sun protection products is now a child’s play. Place ONYX.CLICK next to your smartphone and open the ONYX® app. The hand-held radio transmitter is automatically displayed via Bluetooth and can be assigned to various shading elements.

ONYX.CLICK is equipped with five channels, whereby up to five sun protection products can be controlled with each channel. A coloured LED symbolizes the respective channel and indicates a feedback message when the command has arrived. If ONYX.CLICK is used in conjunction with a centre box, any number of systems can be controlled per channel.

The optimum angle of a blind or external venetian blind is set by a click in inching mode. Each channel also offers the allocation of a favourite position. Stored positions can thus be called up at any time with a click.

* as of the third quarter of 2018
AUTOMATIC FUNCTIONS
SIMPLY AUTOMATIC

ONYX.HOME has numerous automatic functions that can be set individually for each shading element. Time and astro controls can be implemented without additional accessories. Wind and sun-based functions require measurements from one or more ONYX.WEATHER sensors.

WIND
At stronger wind, the shading elements are protected by the automatic wind detection system.

SUN
An automated control depending on the sunlight creates the ideal indoor climate.

TIME/ASTRO
Control your sun protection automatically depending on the time or the solar altitude.

TWILIGHT
Most accurate detection of the change in brightness by the sensor.

FAÇADE
TEMPERATURE
The products are protected by measuring the temperature on the façade.

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SETTING PRIORITIES

The useful automatic functions also lead to confusion, since it is not always clear which function has priority. Contradictions arise, for example, if the sun program and the set time occur simultaneously and the sun screen is to be set to different positions. That is why the HELLA control team developed a unique priority model. You can use Drag & Drop to move the more important function upwards in order to execute it with a higher priority. The clearly arranged order of the programs helps you keep your sight of the big picture.
ONYX® offers you an easy way to start into the Smart Home world. Voice control via Amazon Alexa is available for commands such as “Extend the awning” or “Set the external blind to 70%”. As long as the device is in the proximity, you can control the shading elements using your voice and thus without hands. The configuration is done directly via the ONYX® app and can easily be adapted at any time.
HELLA awnings can optionally be equipped with an integrated LED light. The terrace thus also becomes an oasis of well-being in the evening. LED revolutionizes the mood that can be created even on your terrace with light. The LED strips are concealed and integrated almost invisibly into the arms of the HELLA awnings.

This LED light can now also be controlled with ONYX® via your smartphone. With just one click you can switch the light on, off or dim it via the app. Make your terrace a place of comfort even in the evening. The ONYX® automatic programs ensure that the awning is retracted afterwards and the light is switched off again.

* available as of December 2018
From the first Venetian blind that was produced in East Tyrol in 1959 to the high-tech control devices for the intelligent house of the future, we are driven by only one desire: To develop something truly great. Since then the brand HELLA convinces with innovative strength and a large variety of products – all of top quality and perfect function. The world of sun and weather protection is constantly changing due to numerous patented developments.

The long-established company HELLA

is one of the leading European manufacturers of sun and weather protection systems and stands for functional innovations, visionary design and maximum customer benefit. The world of sun and weather protection is constantly changing due to numerous patented developments.
HELLA is always an original - innovative and made-to-last.
HELLA has created new standards through groundbreaking technologies. Our products have the quality of the original product. They are sophisticated and sustainable and produced in modern, environmentally friendly plants.

IN A PARTNERSHIP WITH RELIABILITY

Your HELLA benefits
- Perfect support due to many specialist shops and selected e-tail partners
- High-quality expert advice from qualified sales assistants
- Best price-performance ratio
- Service provided by trained technicians
- Extensive warranty services
- Highest product quality due to development and production at our own premises
- Environmentally friendly quality with energy-saving maximization
- Success since 1959