



matter

The foundation for connected things.

Making your home comfortable and economical in a smart way.
Intelligent and reliable.





The establishment of matter

Having Smart Home products in your home is trending. Think of a Ring doorbell, Philips Hue lamps and a smart thermostat. Products that you can control with your smartphone, but which until now have not communicated directly with each other. This is because they work with different radio signals such as Thread, Wi-Fi, Bluetooth, ZigBee, mobile or wired.

Smart connectivity should be simple and reliable. To make this a reality, Amazon, Apple, Google, SmartThings and The Zigbee Alliance came together to develop a new universal standard for Smart Home products.

Products built on this secure protocol now work seamlessly with each other and well into the future.



What does matter offer?

Simply put, Matter is **one protocol** so that all devices and systems can communicate with each other.

Products with Matter are **easy** to purchase and easy to use because of the universal protocol. New products already have the Matter protocol integrated. Think of a Smart TV, lamps, sensors, thermostats, but also window decoration.

Because the Matter products work with one protocol, this ensures that all Matter products are **compatible** with each other. Regardless of the brand or type of product.

The biggest advantage of products with Matter is the **flexibility** and **versatility** in making your home Smart. The protocol allows you to use and control multiple systems side by side. But you can also make the products and sensors interact.

Matter has built in a certain standard of **security** (Security of Design), which means every message over the network is encrypted and has to be authenticated. Finally, the local connection provides additional privacy and increased security.



The role of blinds in a Smart Home

One of the biggest advantages of integrating blinds into your smart home is the possibility of automation. With smart blinds, you can easily set the blinds to open or close at a certain time of day. This ensures that your home is always optimally protected from sunlight, without you having to think about this all the time yourself.

Smart shading can also contribute to an energy-efficient home. By closing the blinds at strategic moments, you can prevent the house from heating up very much in summer.

This way, you reduce the need for air conditioning. In winter, blinds can help keep heat inside longer, which in turn saves on heating costs.

Automation can go even further. For instance, you can link the blinds to sensors that react to temperature or light intensity, so it can adjust itself to the conditions.

Will matter become the new standard?

At BREL HOME, we believe that Matter is going to become the new standard for the motorisation of internal blinds. That's why BREL HOME offers a wide range of indoor blinds motors equipped with Matter. Currently, it is only for indoor blinds because wireless connection works best indoors.

The advantage of one protocol is that you can connect everything together. So it no longer matters if you also have blinds from another brand. They can now be simply connected and communicate with each other. Whereas before, you needed a hub from both brands to control it.

BREL thus sees great opportunities with Matter, as do other major parties that have joined the CSA. Developing standards and accelerating the delivery of technology for IoT should have a positive impact on people's daily lives.

BREL believes that by collaborating with other parties, all objects can communicate with each other and we are fighting as a united front for a connected and brighter future.



matter by BREL HOME

Home Box with Matter

The first product with Matter in BREL's range is the Home Box Matter. Because the latest Home Box is equipped with Matter, all existing BREL HOME bi-directional motors for indoor blinds can be controlled via Matter. Once fully tuned, the motor can be directly linked to Apple HomeKit, Google Home and Amazon Alexa.

Motors with Matter

The range of Matter motors is expanding considerably. The first motors in the range are the extra quiet 230 volt 35 mm motor for indoor blinds of 6 and 10Nm.

In addition, the range has been supplemented with the battery motors for indoor blinds. These are the overhead motors and tube motors up to 35mm.

The advantage of the Matter motors is that these motors do not require a Home Box at all to operate the product with a Smart Home system.



matter products



BJEM24S

0.6Nm 12V side motor, suitable for pleated and roman blinds. Charging by battery or transformer.



BJEM24D

0.8Nm 12V central motor, suitable for pleated and roman blinds. Charging by battery or transformer.



BLEM20

0.5Nm 12V tubular battery motor, suitable for 25mm venetian, roman and roller blinds. Charging magnetic charger.



BLEM25

1.1Nm 12V tubular battery motor, suitable for 25mm venetian blinds, roman and roller blinds. Charging magnetic charger.



BLEM35

6Nm of 13Nm 12V tubular battery motor, suitable for 50mm venetian blinds and roller blinds. Charging magnetic charger.



BEMQ35

6Nm of 10Nm 230V tubular motor, suitable for 50mm venetian blinds folding and roller blinds.



Home Box Matter

The Home Box Matter features the Matter protocol. The hub connects via WiFi and is charged via a USB-C connection. The Home Box Matter is compatible with BREL HOME bi-directional motors.



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