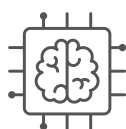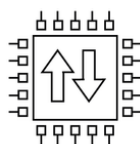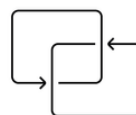# EUROTRONIC

# CURTAIN BIDI

**Connection to wired switch/push button**

**Automatic limit switch adjustment**

**Electronic limit switch**

**Two-way protocol**

**Radio control**

# CURTAIN BIDI

*This motor stands out for its manual function and its bidirectional radio control. With features such as automatic limit switch adjustment and connectivity with home automation control units, the Curtain Bidi offers intelligent and convenient automation.*

## REFERENCES

**CURTAIN BIDI** | 80.024.001

Fully automatic electronic limit switch.

Two-way radio receiver.

Up to 6 meters of curtain rail.

Manual operation activated with a slight pull to open or close.
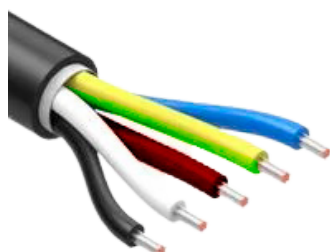
Obstacle detection

Silent and fast.

Push button cable outlet (100-240v version)

## TECHNICAL CHARACTERISTICS

| Par-nominal | Speed | Feeding | Nominal power | Amperage | Working time | Max rotations | Degree of protection | Length measurement | Max Weight |
|---|---|---|---|---|---|---|---|---|---|
| 1,2 Nm | 14 rpm | 100-240V | 16 In | 0.16 A | 4 min | ∞ | IP 20 | 386 mm | 50 Kg |

# MOTOR CONNECTORS



Radio antenna
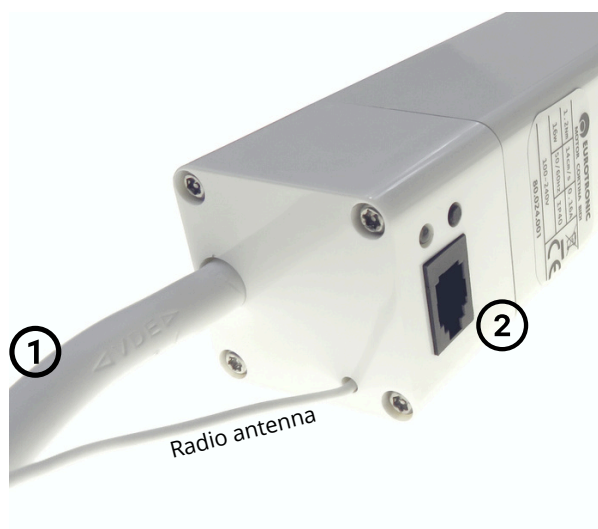
## ①



| | |
|---|---|
| 🟦 | Neutral |
| 🟫 | Phase/common push button |
| ⬜ | Open button |
| ⬛ | Close button |
| 🟨 | Land |

## ②



RJ11 output for RS485 connection

### RJ11



1    6
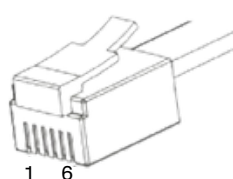
| | | | |
|---|---|---|---|
| 1. | Land | 6. | Earth |
| 2. | Open | 5. | 5V |
| 3. | Close | 4. | 12V |

# ELECTRICAL DIAGRAM

AC

Brown / Common or Phase
Yellow and green / Earth
Blue / Neutral

SWITCHES

MOTOR EUROTRONIC

Blue / Neutral
Yellow and green / Earth
Brown / Common or phase

White / Upload
Black / Down
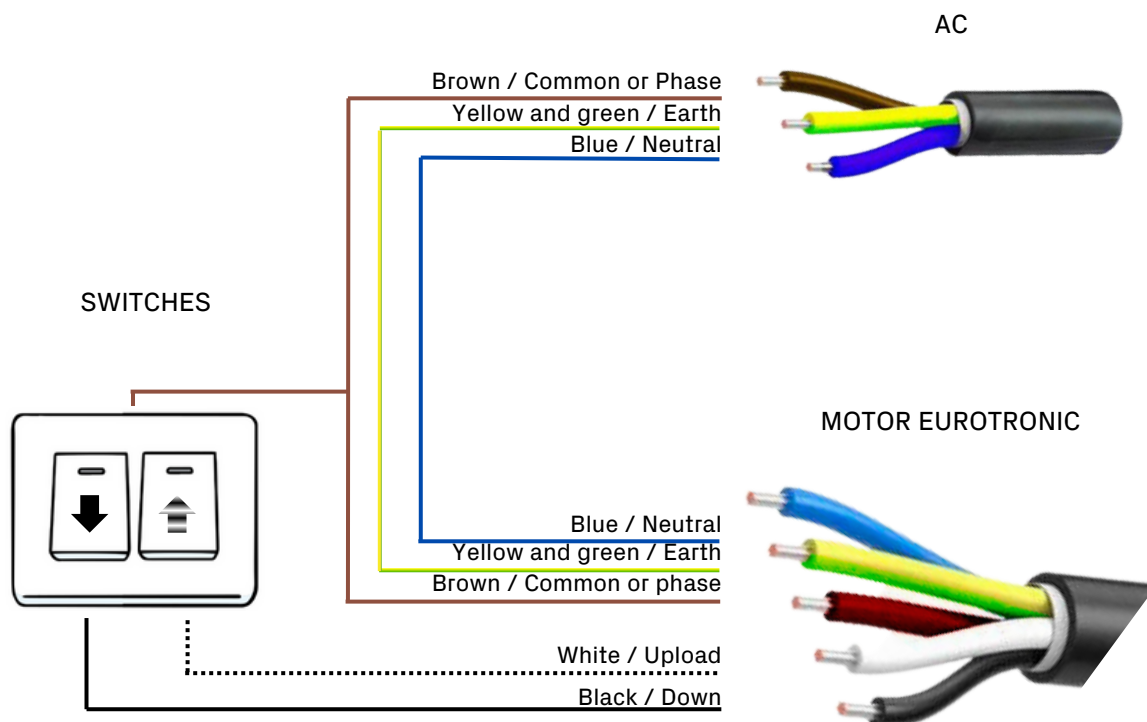
# COMPATIBLE CON:

**KUMO WAVE**

BD.100.001

**KIK1**

BD.003.101

**KIK15**

BD.003.115

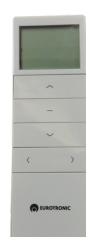**KIKWALLL**

90.003.101

**KIKWALLL15**

90.003.115

# ACCESSORIES:
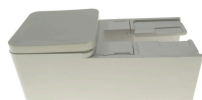
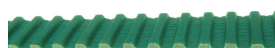| | |
|---|---|
| **VERTICAL TERMINAL RAIL MOTOR SIDE** | **TOPE RIEL** |
| 80.024.003 | 80.024.010 |
| **TERMINAL VERTICAL RIEL** | **HOOK TERMINAL RAIL** |
| 80.024.004 | 80.024.011 |
| **TOOTHED BELT 12MM 100M/U.** | **CEILING SUPPORT** |
| 80.024.005 | 80.024.012 |
| **ALUMINUM RAIL 6M/U.** | **RAIL UNION** |
| 80.024.006 | 80.024.013 |
| **METAL BAND UNION** | **RAIL UNION SCREW** |
| 80.024.007 | 80.024.014 |
| **TRANSPORT CART** | **PERFECT WAVE 8MM RAIL 1000M/U.** |
| 80.024.008 | 80.020.017 |
| **CART** | |
| 80.024.009 | |

# INSTRUCTIONS:

## 1. LINK FIRST TRANSMITTER

① (3'')　②　③ (3'')　④

x 1　　　x 5
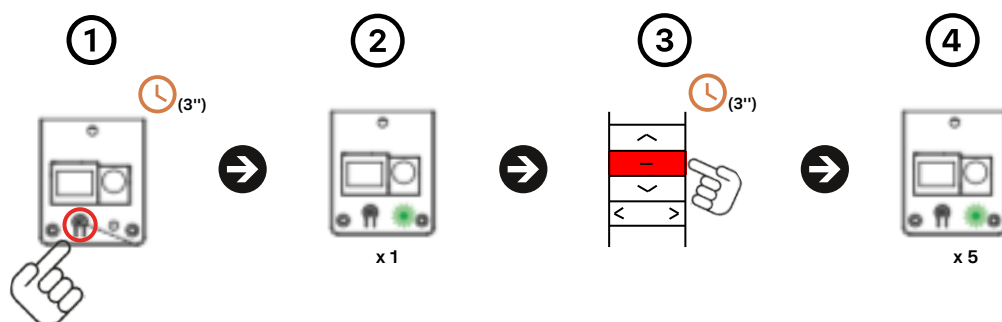
### Procedure:

1. Turn on power and then press the motor programming button for two seconds (2'').
2. The Green LED will light up.
3. Press (STOP) on the transmitter to record for three seconds (3'').
4. The Green LED will flash five times (x5).
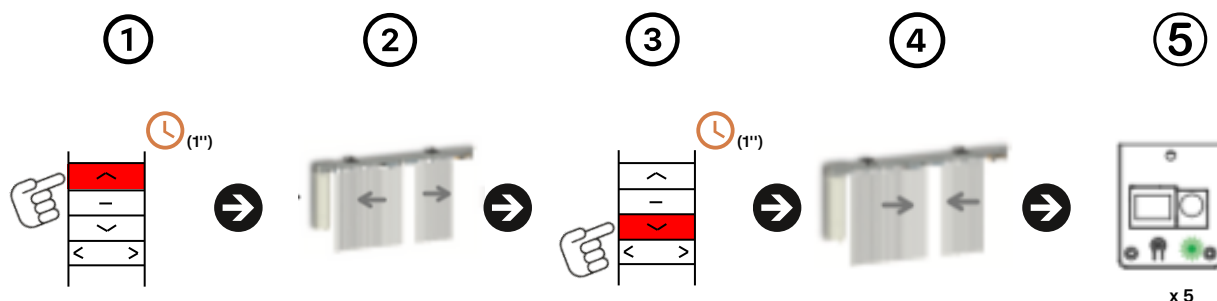
## 2. CHANGE DIRECTION OPENING/CLOSING

① (2'')　②

x 5
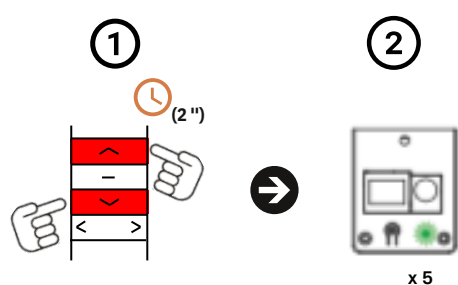
### Procedure:

1. Press the (OPEN) + (CLOSE) button on the already memorized transmitter for two seconds (2'').
2. The Green LED will flash five times (x5).

**This function is necessary for the correct interpretation of the Motorin the Eurotronic APP**

# 3. PROGRAMMING LIMIT SWITCHES



## Procedure:

**With the motor connected to power and once the remote control has been recorded.**

1. Press the (UPLOAD) button on an already recorded transmitter for one second (1'').
2. The motor will open until it stops due to pressure and will record the opening limit switch at that point.
3. Then press the (CLOSE) button on the same transmitter for one second.
4. The motor will close until it stops due to pressure and will record the closing limit switch at that point.
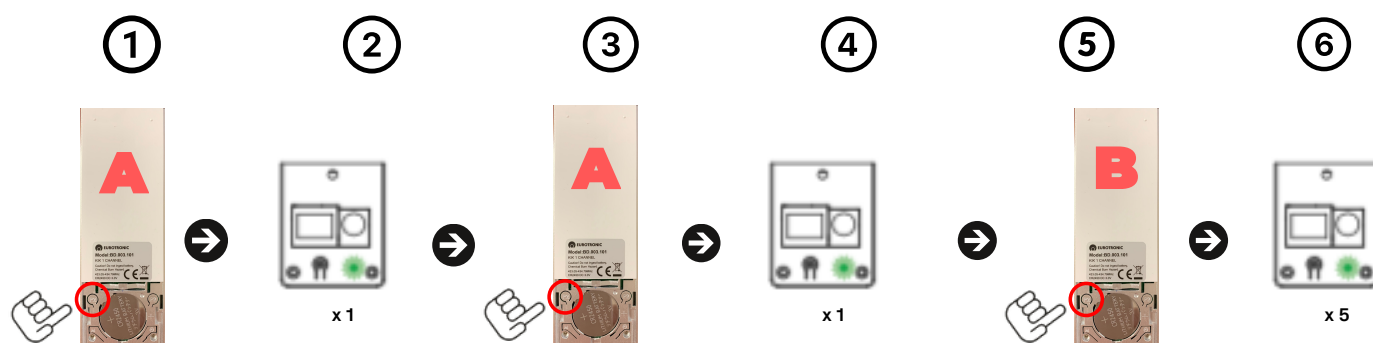5. At the end of the process and if it was correct, the green LED will flash five times (x5).

# 4. DELETE LIMIT SWITCHES
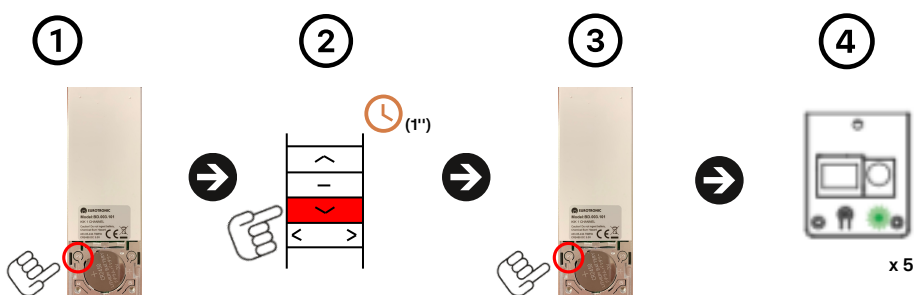


## Procedure:

1. Press the button (P2) located behind the transmitter already memorized.
2. Press the (CLOSE) button on the transmitter for one second (1'').
3. Press the button (P2) on the transmitter again.
4. The Green LED will flash five times (x5) to confirm.
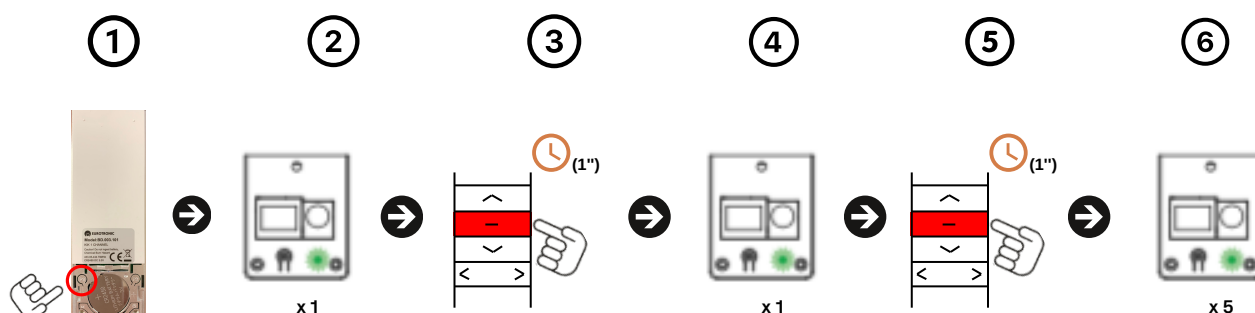
① ② ③ ④ ⑤ ⑥

x 1   x 1   x 5

## Procedure:

1. **Press the button (P2) located behind the already linked transmitter (A).**
2. The green LED will flash.
3. We will press the button (P2) of the same transmitter (A) again.
4. The green LED will flash.
5. Next, press the (P2) button on the new transmitter (B).
6. The green LED will flash five times (x5).

**Repeat the same process to delete the linked transmitter.**

## 6. ADD/DELETE FAVORITE POSITION



## Procedure:

**We will position the motor in the desired favorite position using the up or down button on the transmitter.**

1. We will press the button (P2) located behind the transmitter.

2. The green LED will flash.

3. We will press the central button (STOP).

4. The green LED will flash.

5. We will press the central button (STOP) for the second time to confirm.

6. The green LED will flash five times and the favorite position will be set.

**To search for the favorite position, press the (STOP) button for two seconds.**
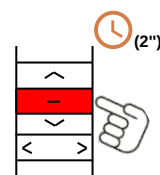
## 7. RESET TO FACTORY MODE
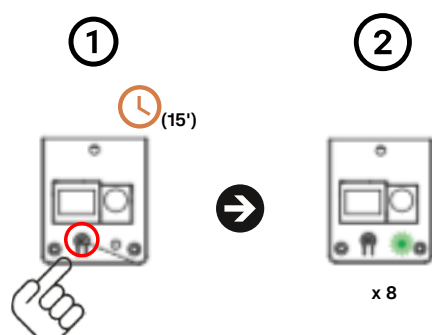


## Procedure:

1. **Press the Motorprogramming button for fifteen seconds (15'').**
2. After this time the green LED will flash eight times (x8) to confirm.

**EUROTRONIC**

www.eurotronic-europe.com