**E-motion**

Invisible bracket drive system for a max. of 2 sashes per side for actuation of window shutters

**Clear width**
According to dimensional specifications;
With 1 motor (1L/1R, 2L/2R): 280 mm to 1600 mm
With 2 motors (2, 3L/3R, 4): 560 mm to 3200 mm

**Area on each side**
1 sash: 1.6 m²
2 sashes: 3.2 m²

**Weight per drive**
max. 50 kg

**Colours**
Bracket drive in black, motor cover coating and spacer ring can be customised (black as standard)

**Operation**
Remote control via hand-held transmitter (2-channel), radio frequency 433.92 MHz
or pushbutton control

**Guarantee**
5 years

**Quantity**
1-2 window shutters can be operated by each electric drive
System drawing

1R/1L, 2, 2R/2L, 3R/3L, 4
No RA / LA installation possible!

Voltage supply
230 V – 24 V DC +/- 10%

Torque nom.
25 Nm per motor;
Speed = 1.9 rpm

Opening or closing time
16 seconds

Power consumption
100 W

Operating temperature
-30°C to +70°C

Disconnection
Load switch-off (stops at obstacles)

Scope of delivery
Bracket drive with wireless remote control or pushbutton, control unit, screen sleeve, drilling template for façades, drive cover, retaining rings, coupling rod for double sashes, spacer rings, fastening screws

Essential accessories
Switching power supply, fastening and sealing accessories (injection mortar)

Options
Electromagnetic lock set, deadbolt, wireless pushbutton, hand-held transmitter with holder, drilling template for driven hinges, stop button

Notes
German express hinges made of steel are used for the E-motion bracket drive.
The frame features inside opener reinforcement (Art. no. 10006).
Non-driven brackets must be ordered separately for new installations.
When using 3 brackets on each side (from height ≥ 1900 mm), we recommend using the middle bracket as the drive bracket.
Bracket drive pin diameter: Ø14 mm
Break-in prevention by blocking when closed