

MICRO EVO2

CHAIN ACTUATOR

OPENING STROKE SIZES

150 - 300 - 450 - 600 mm (adjustable)

PUSH FORCE

400 N - 150 mm
400 N - 300 mm
350 N - 450 mm
300 N - 600 mm

VOLTAGE

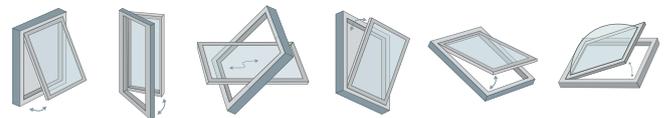
230V AC - 24V DC (+/- 10%)



DESCRIPTION

MICRO EVO2 electric actuator with anti corrosion treated double-link chain. Operating voltages: 110-240V AC 50-60Hz Hz or 24V DC. Self-adjusting end limit and soft stop closing to preserve the window frame and the actuator. It can be connected in parallel. Synchronisation function, manageable directly on site, for the application of more actuators on the same window. Colours available: Silver Anodised, Black RAL 9005 or White RAL 9003. Adjustable opening stroke of 150-300-450-600 mm using external dial located on side of the actuator.

WINDOW TYPES



APPLICATION



COMFORT
VENTILATION

COLOURS

- **Black** RAL 9005
- **Silver** Anodised
- **White** RAL 9003
- ⊗ **Custom** RAL colour

TECHNICAL DATA

	230V AC	24V DC (+/- 10%)
Voltage	230V AC	24V DC (+/- 10%)
Push Force	300 N	300 N
Pull Force	400N (150-300mm) / 350N (450mm) / 300N (600mm)	400N (150-300mm) / 350N (450mm) / 300N (600mm)
Opening Stroke	150-300-450-600 mm (adjustable)	150-300-450-600 mm (adjustable)
Opening Speed	12.5 mm/s	12.5 mm/s
Power	30 W	28 W
Inrush Current	43.75A / 420µs	12.93A / 430µs
Starting Current	5.1A / 12.5ms	5.12A / 27.2ms
Operating Conditions	-10°C - +60°C	-10°C - +60°C
Switch-on Duration	S2 4 min	S2 4 min
Colour	White RAL 9003, Black RAL 9005, Silver Anodised or custom RAL colour	White RAL 9003, Black RAL 9005, Silver Anodised or custom RAL colour
IP Rating	IP 32	IP 32
Life Span	10,000 opening and closing movements	10,000 opening and closing movements
Delivery Includes	1 x Actuator, 1 x Pivot Bracket (MICROEVO2SB)	1 x Actuator, 1 x Pivot Bracket (MICROEVO2SB)
Flex Length	1 m	1 m
Cable Dimensions	3-Core (plus 2 communication wires)	2-Core (plus 2 communication wires)
Min. window width	> 500 mm	> 500 mm
Max. window width	< 1300 mm (use multiple actuators if wider)	< 1300 mm (use multiple actuators if wider)
Synchronisation	Yes	Yes

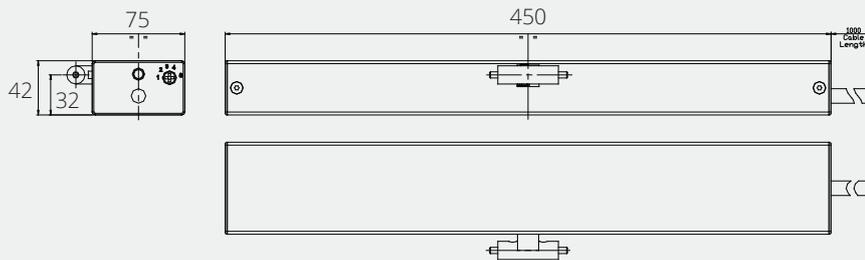
ACCESSORIES

MICROEVO2BHBB	-	Inward Opening Bracket Black
MICROEVO2BHBW	-	Inward Opening Bracket White
MICROEVOLPBB	-	Large Pivot Bracket Black
MICROEVOLPBW	-	Large Pivot Bracket White
MICROEVO2SBB	-	Standard Pivot Bracket Black
MICROEVO2SBW	-	Standard Pivot Bracket White
MICROEVO2SPBB	-	Small Pivot Bracket Black
MICROEVO2SPBW	-	Small Pivot Bracket White

PART CODES

MICROEVO2-230VB	-	MICRO EVO2 Actuator 230V 600mm Black
MICROEVO2-230VS	-	MICRO EVO2 Actuator 230V 600mm Silver
MICROEVO2-230VW	-	MICRO EVO2 Actuator 230V 600mm White
MICROEVO2-24VB	-	MICRO EVO2 Actuator 24V 600mm Black
MICROEVO2-24VS	-	MICRO EVO2 Actuator 24V 600mm Silver
MICROEVO2-24VW	-	MICRO EVO2 Actuator 24V 600mm White

DIMENSIONS



CONTROLS

230V AC



S50-1
Rocker Switch



RCU1-KIT
Control Unit (Radio)



EVC
Control Unit & Weather Station



RRTKEY
Key Switch

24V DC (+/- 10%)



PSU - 2/4/8
24V DC Transformer



PSU - 2/4/8RC
24V DC Transformer (Radio)



WUC 102
Control Unit



WCC 310
Control Unit

EVC

CONTROL UNIT (RADIO)

VOLTAGE

Input = 230V AC, Output = 230V AC

MOTOR LINES

1

MOTOR LOAD

4.0 A



DESCRIPTION

The EVC Control Unit and Weather Station is used to automatically ventilate your indoor environment. This ensures a controlled air exchange even if no one is at home. The window is opened and closed according to the current room and outdoor temperature. Rain and wind alarms help to protect the equipment. The protection function can be switched off, if not required. After programming of an opening position the window is only opened to the required extent. Connection of several drives as group is possible. This allows, for example, simultaneous control of a number of roof windows.

Actuators are connected directly to the weather station, minimising cabling. The weather station and the battery powered control unit exchange their data and commands via radio. No cable is required for electricity supply or control data inside the building.

INPUTS FOR

- Remote Transmitter
- Rain Sensor (built in)
- Wind Sensor (built in)
- Temperature Sensor (built in)
- Switch (built in)

APPLICATION



COMFORT
VENTILATION

TECHNICAL DATA

Primary Voltage (Input)	230V AC (weather station) 2 x 12 V AA Batteries (control unit)
Secondary Voltage (Output)	230V AC (weather station)
Motor Load	4.0 A
Motor Lines	1
Inputs	Rain Sensor (built in), Wind Sensor (built in), Temperature Sensor (built in), Remote Transmitter
Operating Condition	-10°C - +50°C
Battery Backup	No
Size	96 x 77 x 118 mm (weather station) 103 x 98 x 28 mm (control unit)
Protection Type	IP 44 (weather station) IP40 (control unit)
Delivery	1 x Control Unit & 1 x Weather Station

ACCESSORIES

EVC-RC8 - Remote Transmitter 8-Channel

PART CODES

EVC - EVC Control Unit & Weather Station 230 V 4 A

INPUTS / OUTPUTS

