

EV-DUAL Large Dual Chain Actuator.

EV-DUAL



● SAFETY NOTES

- Test the actuator at least one working cycle to make sure it works well before the installation.
- Before installation make sure the stroke of the actuator is smaller than the max opening range of the window sash.
- The housing and chain cannot clash or be blocked by the window frame, they need to be at least 3mm away from it.
- Make sure the power is disconnected before installation.
- Do not put your hands between the window sash and frame when the actuator is working.
- Trained professional staff only for the installation.
- Indoor use only.
- Before installation, find out the input voltage of the actuator is DC24V or AC230V.
- Before installation, make sure the window is free of resistance.
- Regularly check the aging condition of the wire and fastening screws, at least once a year.

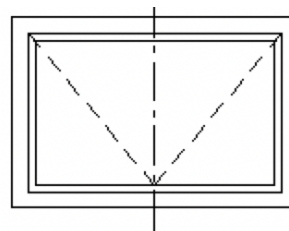
TECHNICAL INFORMATION

Please refer to the product datasheet for technical information and key specifications.

● INSTALLATION INSTRUCTIONS

STEP 1

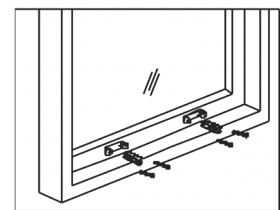
Find the point to fix the connector. Horizontally it must be in the middle of window frame, vertically it needs to be in a proper position, which can make the chain and casing move freely and without clashing or being blocked by the window frame, as displayed in Picture 1.



PICTURE 1

STEP 2

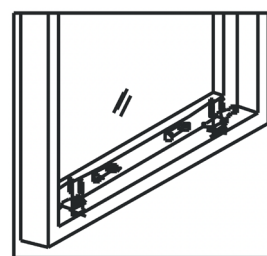
Fix the connector with 2 pcs ϕ 5*25mm self-tapping screws, as displayed in Picture 2.



PICTURE 2

STEP 3

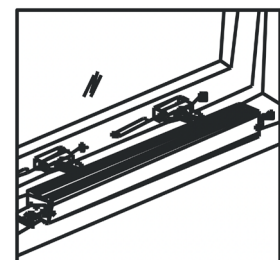
Find the positions for mounting brackets according to the position of the connector. The chain needs to come in/out vertically to the housing of the actuator. Fix each mounting bracket with 3 pcs ϕ 5*25mm self-tapping screws, as displayed in picture 3.



PICTURE 3

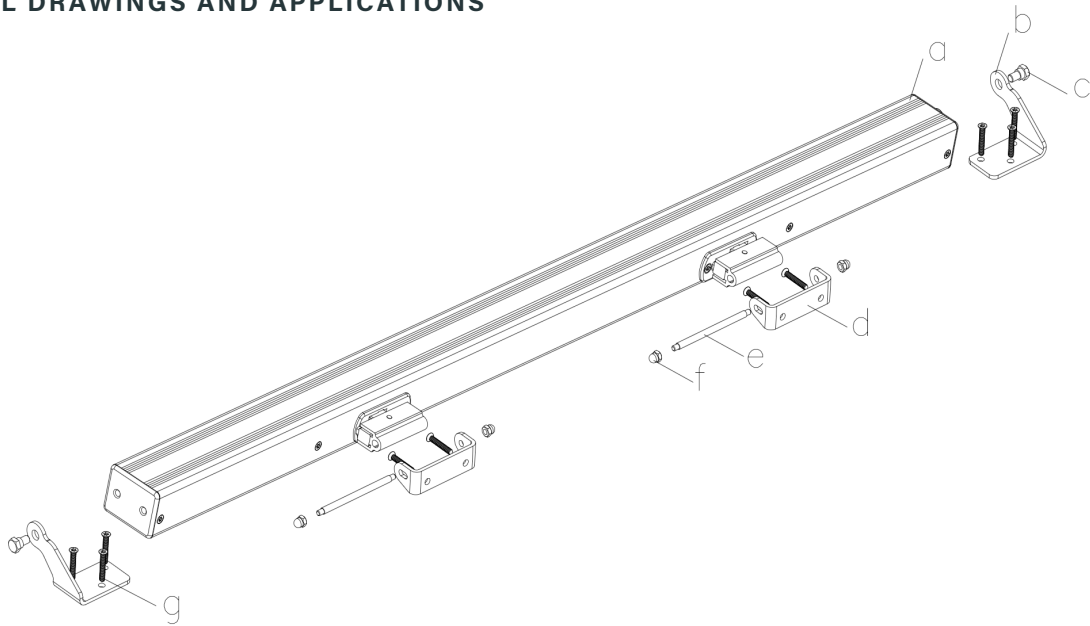
STEP 4

Put the actuator between the 2 mounting brackets, fix it with 1 pc hex head screw on each side. Insert the latches into the connectors and heads of chain, screw it tightly, as picture 4.

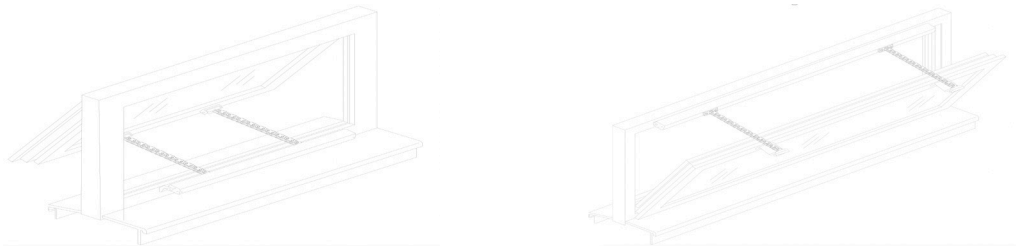


PICTURE 4

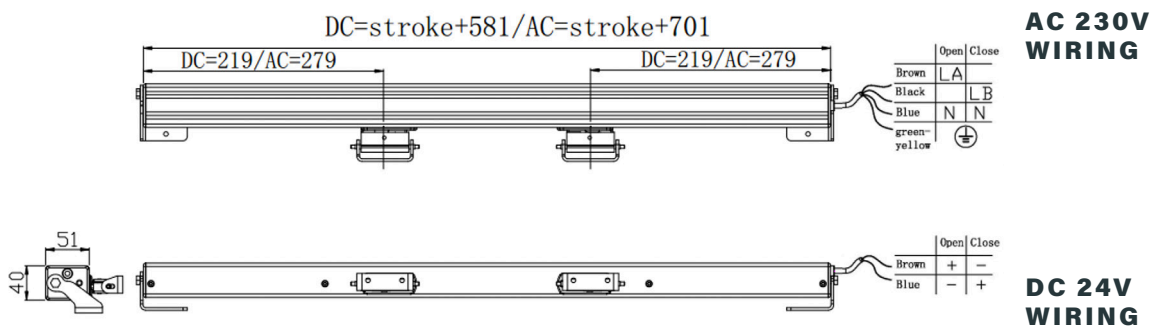
TECHNICAL DRAWINGS AND APPLICATIONS



	a	b	c	d	e	f	g
Description	Actuator housing	Bracket	Hex Head Screw	Sash Connector	Latch	Nut	Self-tapping screw
Quantity	1	2	2	2	2	4	10



WIRING DIAGRAM



ATTENTION: Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards.

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