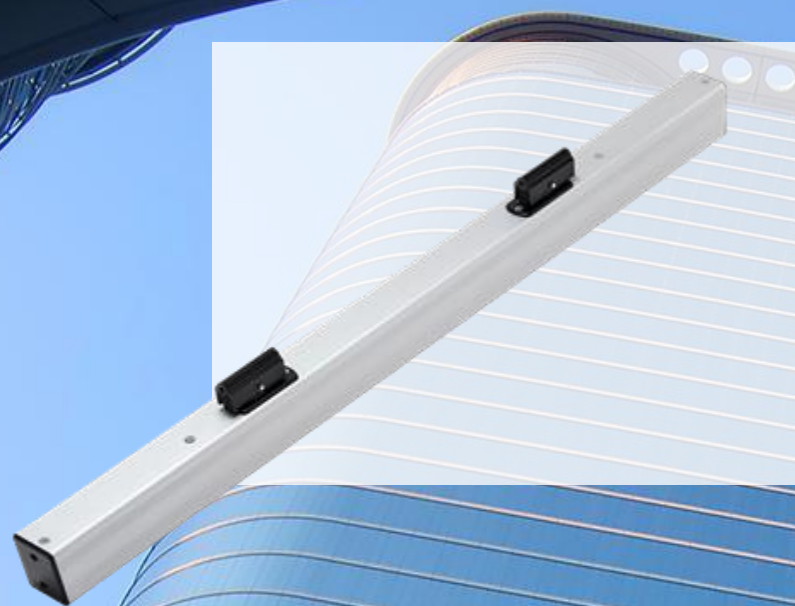




KST-C02 series DOUBLE CHAIN ACTUATOR

Product data sheet

SOON INDUSTRIAL CO., LTD.

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KST-C02 double chain actuator

Features

Double link chain

- Made by **stainless steel**.
- Much more stable and smooth.

600N

- KST-C02 series can install on most of window types (below **60kgs**).
- For instance, Awning window, hopper window, casement window, center-pivot window, etc.

Overload protection system

Easy mounting

Remote control function (optional)



Quite

- Noise level only 38 dB.
- Recommend for School, Museum, household, healthcare center or any quite place.

Covered by aluminum alloy

- Greatly improves the rigidity and anti-corrosion.
- IP 32 rated.

Built-in control panel

- KST-C01 chain actuator can synchronize with sensors directly without additional controller.
- Compatible with variety of **sensors**, such as, temperature, rain, humidity, smoke sensors, etc.

KST-C02 double chain actuator

Automatic window opener system



Double chain actuator



Manual switch



Remote control
(optional)



For following window types



KST-C02 double chain actuator

Specifications

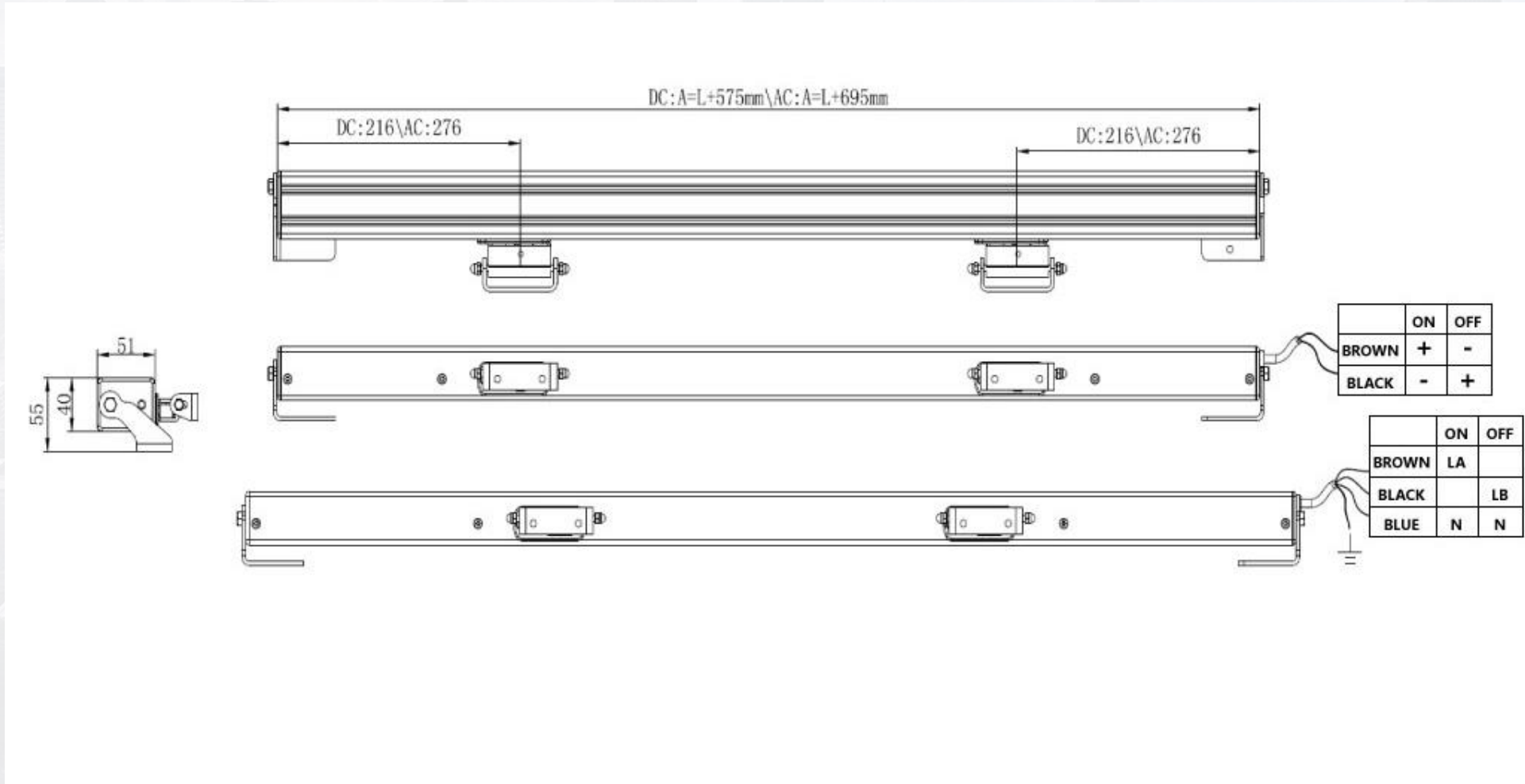
Specifications	
Maximum dynamic load	600 N/ 61 kgs/ 135 lbs
Maximum static load	600 N/ 61 kgs/ 135 lbs
Operation voltage/Current consumption	AC 220V/0.3A; DC 24V/1.6A
travel speed	10mm/sec (0.4 inches/ sec)
Operating condition	-20°C ~ 75°C
Standard color	light gray
IP rating	IP32
Noise level	38 dB
Materials	aluminum, stainless steel
Certifications	CE, RoHS
Remote control	optional

Item no.	Operation voltage	Stroke length	Installation dimension
KST-C0202-DC24	DC 24V	2 inches / 50 mm	11.2 inches / 285 mm
KST-C0206-DC24	DC 24V	6 inches / 150 mm	13.2 inches / 335 mm
KST-C0208-DC24	DC 24V	8 inches / 200 mm	14.4 inches / 365 mm
KST-C0212-DC24	DC 24V	12 inches / 300 mm	16.3 inches / 415 mm

Item no.	Operation voltage	Stroke length	Installation dimension
KST-C0202-AC220	AC 220V	2 inches / 50 mm	17.3 inches / 440 mm
KST-C0206-AC220	AC 220V	6 inches / 150 mm	21.3 inches / 540 mm
KST-C0208-AC220	AC 220V	8 inches / 200 mm	23.2 inches / 590 mm
KST-C0212-AC220	AC 220V	12 inches / 300 mm	27.1 inches / 690 mm

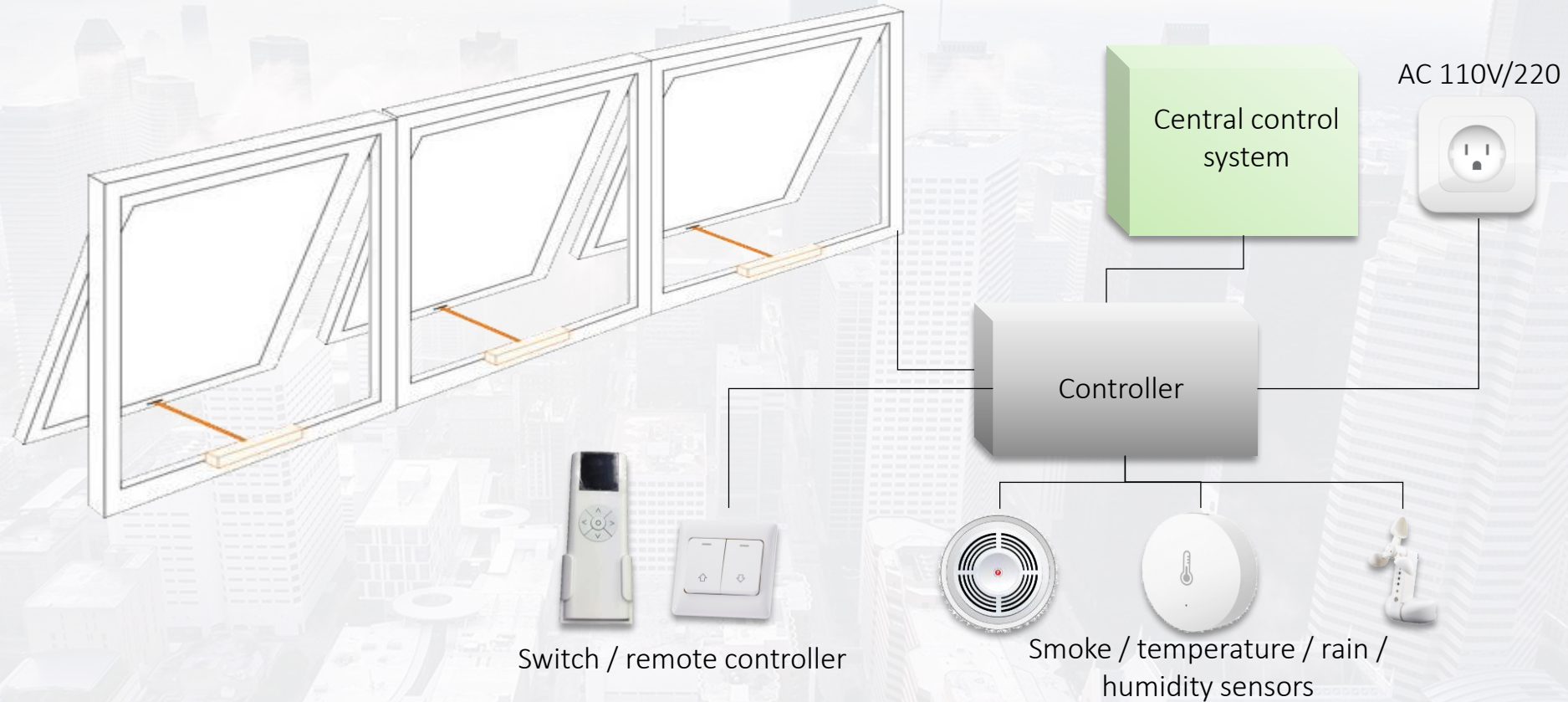
KST-C02 double chain actuator

Line Drawing



KST-C02 double chain actuator

System diagram – DC 24V version



Manual control

Through either central control system or manual switch.



Automatic timer control

Setting daylight saving time and connecting to controller.



Automatic smoke ventilation

When the sensor detected the smoke of fire. It will send signal to actuator immediately. Window is going to open to remove the smoke.

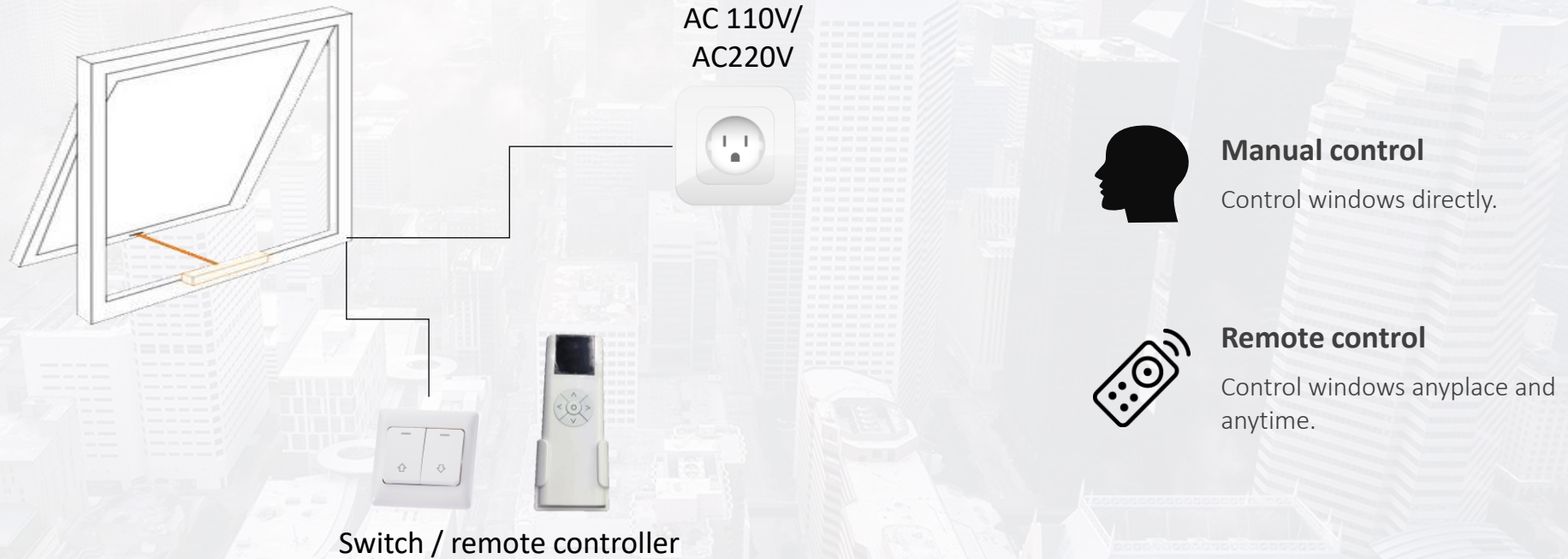


Automatic natural ventilation

To make people feel comfortable indoor. We can connect the actuator with the temperature, humidity, and CO2 sensors to improve the ventilation in the building.

KST-C02 double chain actuator

System diagram – AC 220V version



KST-C02 double chain actuator

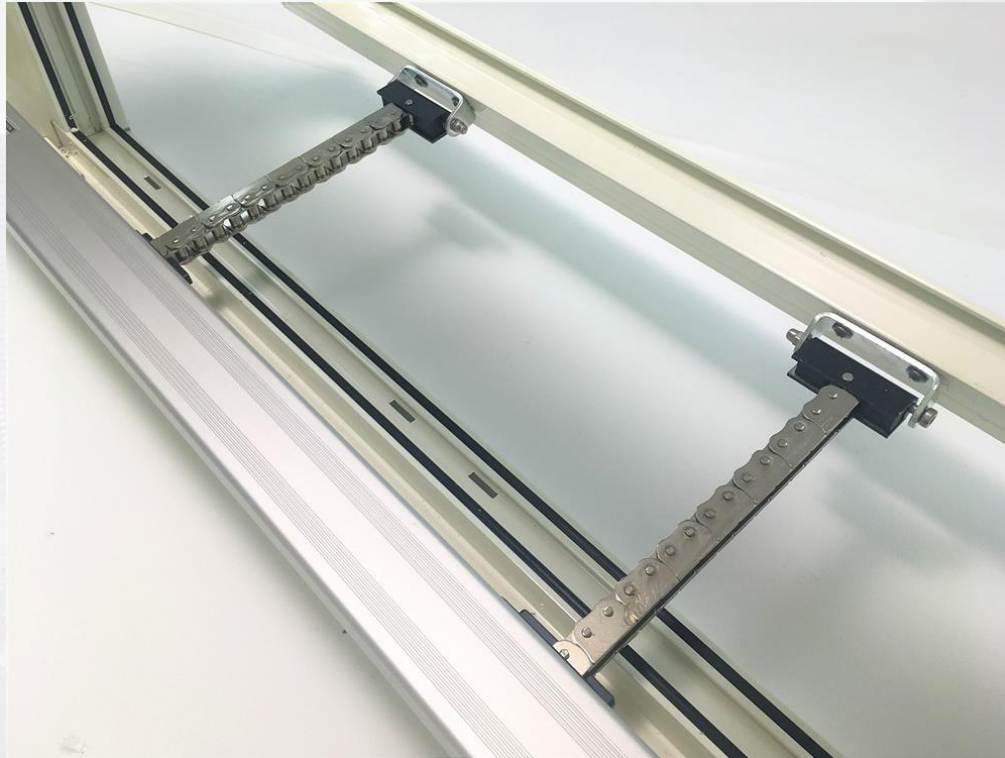
Applications

OPEN



KST-C02 double chain actuator

Applications



KST-C02 double chain actuator

Applications





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Open Those Windows
Where You Couldn't Reach.