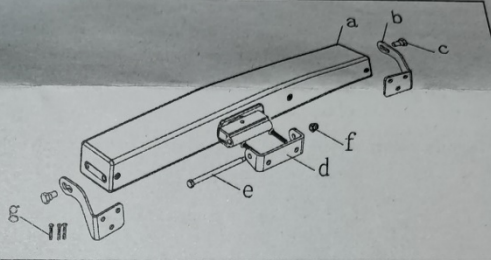


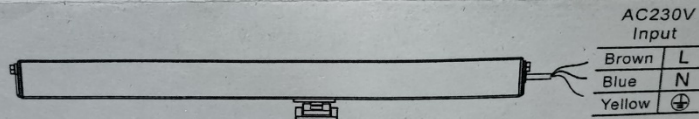
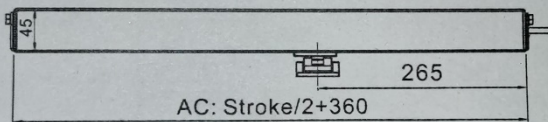
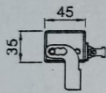
## C35CY-AC220V Electric Chain Window Opener

### Package list & Assembly drawings

| Package List |                        |     |
|--------------|------------------------|-----|
|              | Description            | QTY |
| a            | Chain Actuator         | 1   |
| b            | Mounting Bracket       | 2   |
| c            | Sexangular Head Screw  | 2   |
| d            | Connector              | 1   |
| e            | Latch                  | 1   |
| f            | φ 5 Self-tapping Screw | 8   |



### Dimension and Wiring Diagram



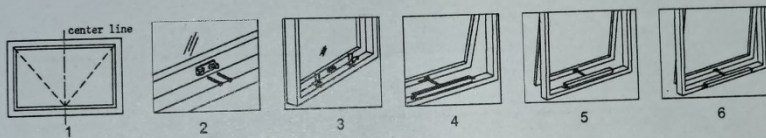
### Parameters

|                   | Unit   | Specification  |
|-------------------|--------|----------------|
|                   |        | C35CY - AC220V |
| Force             | N      | 300            |
| Max Current       | A      | 0.18           |
| Stroke            | mm     | 400            |
| Speed             | mm/sec | ~10            |
| Operating Voltage | V      | AC220V±10%     |
| Temps             | °C     | -20~ +75       |
| IP Class          | IP     | 32             |

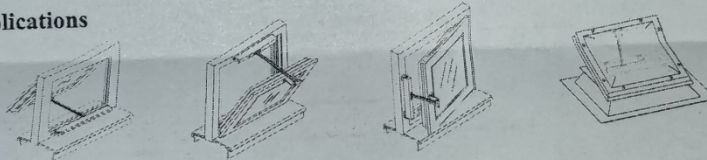
- Applications: top/bottom/side hinged windows, pivoted windows, inward/outward opening windows, skylights;
- Different brackets offered;
- Chain options: carbon steel or stainless steel;
- Stroke, force and finish color can be customized;
- MCU inside;
- Electronic overload cutoff.

## Installation Steps:

- Find the point to fix the connector, horizontally it must be in the middle of window frame; vertically it need to be in a proper position which can make the chain and casing move freely and not scratched or blocked by the window frame, as picture 1;
- Fix the connector with 2 pcs  $\phi 5*25$ mm self-tapping screws, as picture 2;
- Find the position for mounting brackets according to the position of connector. The chain need to come in/out vertically to housing of actuator. Fix each mounting bracket with 3 pcs  $\phi 5*25$ mm self-tapping screws, as picture 3;
- Put the actuator between the 2 mounting brackets, fix it with 1 pc sexangular head screw on each side. Insert the latch into the connector and head of chain, screw it tightly, as picture 4;
- There are 2 different ways to fix the mounting brackets, depending on whether there is window sill. As picture 5.



## Applications



## Safety Note

- Test the actuator at least one working cycle to make sure it works well before the installation.
- Before installation make sure the stroke of actuator is smaller than max opening range of the window sash.
- The housing and chain can not be scratched or blocked by the window frame, they need to be at least 3mm away from the window frame.
- Make sure the power is disconnected before installation.
- Do not put your hands between 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 AC220V.
- Before installation, make sure the window is working well.
- Regularly check the aging condition of wire and fasten screws, at least one time a year.
- Please do not rotate the stroke adjust button when the motor is running.