# How to ALM alarm appears in the system --Stinger

➜ Problem: ALM alarm appears in the system --Stinger;

Solution overview:   1. Check whether the motor is impacted by external force, causing driver alarm and system alarm;

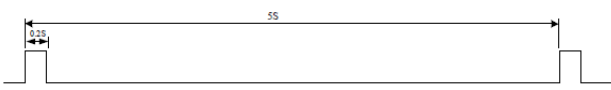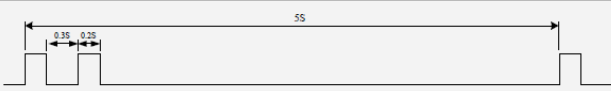2. Emergency stop switch turned on, causing alarm.

3. Drive is damaged.

## Problem analysis:

❋ 1. The machine received an external impact; The single-motor movement of the X/Y-axis causes the machine to deform;
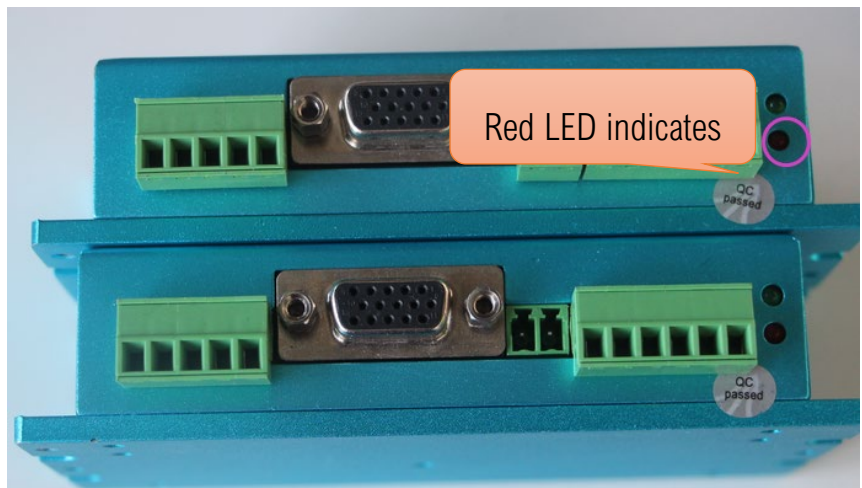
Red LED indicates status description:

See the following protection Indications table for displaying priorities.

| Priority | Time(s) of Blink | Sequence wave of RED LED | Description |
|----------|------------------|--------------------------|-------------|
| 1st | 1 | | Over-current protection |
| 2nd | 2 | | Over-voltage protection |
| 3rd | 7 | | Position Following Error |

When the drive fails, the drive will stop and the user needs to power off.

When the power is turned on again, the fault can be cleared.

Red LED indicates

As: The machine received an external impact; The single-motor movement of the X/Y-axis causes the machine to deform; causing driver alarm and system alarm;

## Problem analysis:

❋ 2. Emergency stop switch turned on, causing alarm.

**Solution:** Step 1- Emergency stop switch turned off, as Pic shows,



## Problem analysis:

❋ 3. Drive is damaged.

**Solution**: If Y-axis drive damaged; Switch the alarm driver to the X-axis driver-Beam axis. **So This can be tested without removing the motor;**

If Y-axis drive damaged; Switch the alarm driver to the X-axis driver-Beam axis. **So This can be tested without removing the motor;**

Switch the alarm driver to the X-axis driver-Beam axis.→Press the X axis direction key on the system keyboard.

If the drive does not alarm, the X-axis motor is running; It proves that the motor driven by the alarm is damaged; **The motor needs to be replaced;**

If the drive does alarm; It proves that the driven is damaged; **The Drive needs to be replaced;**