Sevcon Gen4 Fault Identification (short version)

You can identify a fault as follows:
Check the number of LED flashes and use below to determine what action to take.
A complete fault code chart can be found in manual.

<u>Number of LED flashes</u>

0 (off), no light at all Internal hardware failure or no power to pin1.

1 Configuration data has been corrupted, reprogram as needed.

2 Sequence fault, put in neutral and cycle key.

3 Hardware over voltage or over current, reduce voltage and cycle key

4 Line contactor welded or did not close, check contactor for damage, check wiring and replace as needed

5 Motor open circuit, Check motor condition/wiring.

6 Throttle pressed at power up, check throttle and cycle key.

7 BDI warning, low voltage, or voltage too high, check battery replace or charge as needed

8 Motor or Controller too hot or cold, reduce load, install better heatsink or fan, check thermistor wires to motor

10 Controller is in pre-operational state. Use programming tool to reset

11 Encoder fault, Check encoder wiring and encoder, repair as needed

12 Communication error, Check CANbus wiring, repair as needed

13 Internal software fault, cycle key

14 3rd Party Anonymous Node EMCY received, cycle key

15 Vehicle service required, severe fault