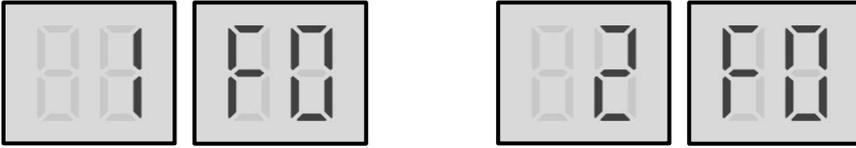


## F0 Troubleshooting

### 1 Digital display output



In the error code, 1 representing compressor system A and 2 representing compressor system B.

### 2 Description

- 1F0 indicates a communication error between the main control chip and the compressor A inverter driver chip.
- 2F0 indicates a communication error between the main control chip and the compressor B inverter driver chip.
- All units stop running.
- Error code is only displayed on the unit with the error.

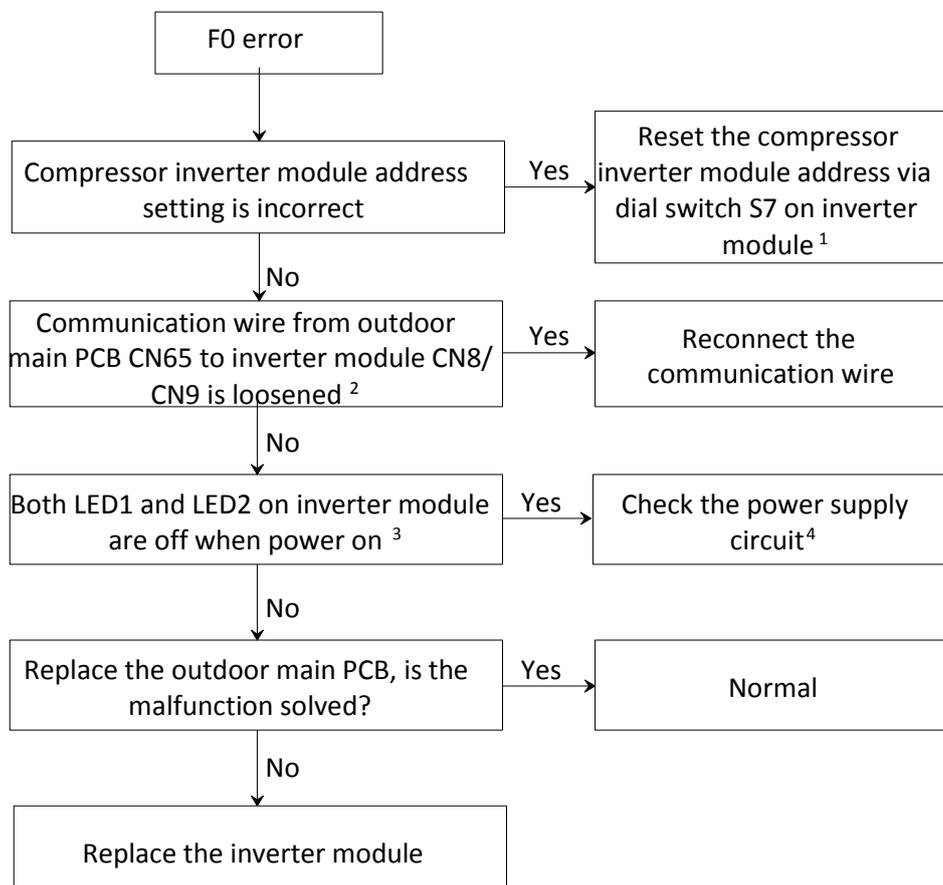
### 3 Trigger / recover condition

- Trigger condition: Main control chip and inverter driver chip cannot communication for 2 minutes.
- Recover condition: Communication go back to normal.
- Reset method: Resume automatically.

### 4 Possible causes

- Incorrect compressor inverter module address setting.
- Loosened communication wiring from the main PCB to the inverter module.
- Bridge rectifier damaged.
- Main PCB damaged.
- Compressor inverter module damaged.

### 5 Procedure

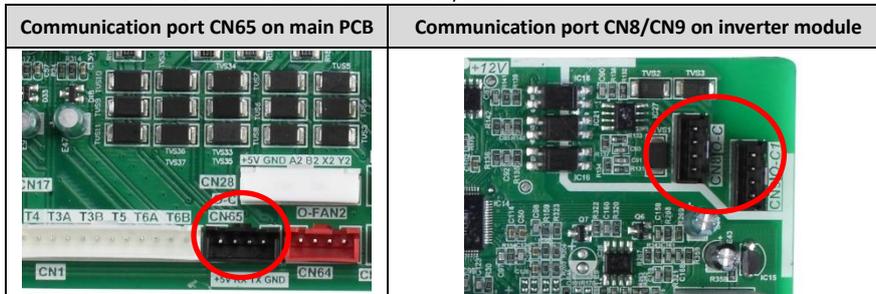


Notes:

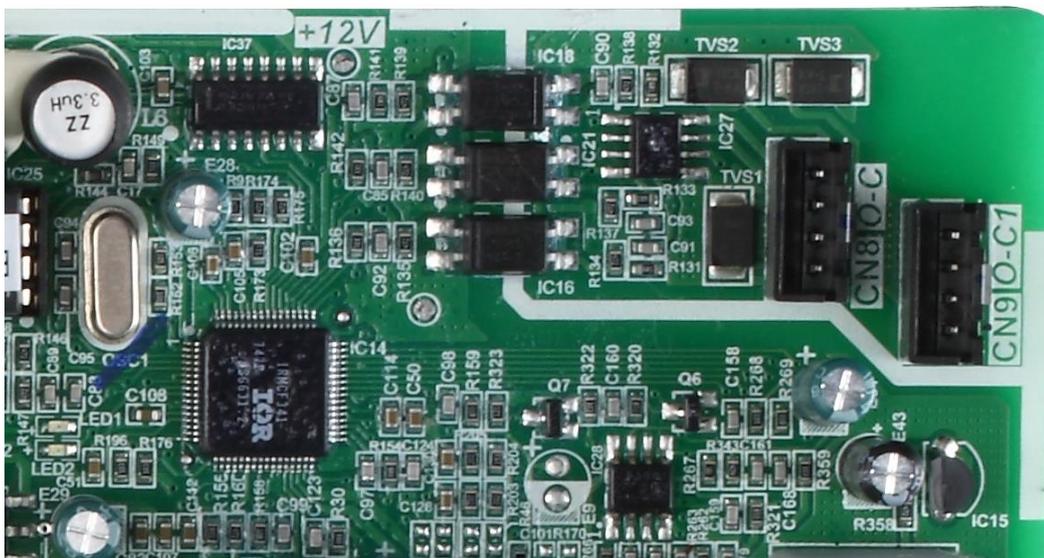
- Compressor inverter module address is set through dial switch S7 on the inverter module. The compressor inverter module A/B location refers to the wiring diagram.

S7 on inverter module	Inverter module address
	00 for compressor inverter module A
	01 for compressor inverter module B

- Communication wire from outdoor main PCB CN65 to inverter module CN8/CN9.



- LED1/2 on inverter module



Check the power supply for the compressor inverter module, port CN4 on filter board(30kW) or port CN21 on filter board(60kW), the normal voltage should be DC310~340V; check the high pressure switch connection port CN3 on filter board of 30kW unit and port CN35 on filter board of 60kW unit, the normal resistance should be zero; Check the single phase bridge and fuse on filter board; for 30kW unit, check the connection cable from main PCB port CN58 to filter board port CN6 ; for 60kW unit, check the connection cable from main PCB port CN58 to filter board port CN30 and check the connection cable from main PCB port CN52 to filter board port CN52.

