15.4. Self-diagnosis Method

15.4.1. H11 (Indoor/Outdoor Abnormal Communication)

Malfunction Decision Conditions
During startup and operation of cooling and heating, the data received from outdoor unit in indoor unit signal transmission is checked whether it is normal.

Malfunction Caused
- Faulty indoor unit PCB.
- Faulty outdoor unit PCB.
- Indoor unit-outdoor unit signal transmission error due to wrong wiring.
- Indoor unit-outdoor unit signal transmission error due to breaking of wire in the connection wires between the indoor and outdoor units.
- Indoor unit-outdoor unit signal transmission error due to disturbed power supply waveform.

Troubleshooting

When abnormality indication starts again

Check the indoor-outdoor units’ connection wires.

Is there any wiring error?

NO

Disconnect terminal 3 wire and measure Vdc between terminal 2 & 3 from the outdoor unit.

Is the Vdc fluctuate between 20-70Vdc?

NO

Replace outdoor PCB

YES

Reconnect terminal 3 wire and measure Vdc between terminal 2 & 3 from the outdoor unit.

Is the Vdc fluctuate between 20-50Vdc?

NO

Replace indoor unit PCB.

YES

Correct the indoor-outdoor units connection wires

For safety reason and to prevent component breakdown, always switch off the power before remove and connect the component.