MULTI FUNCTION BOARD

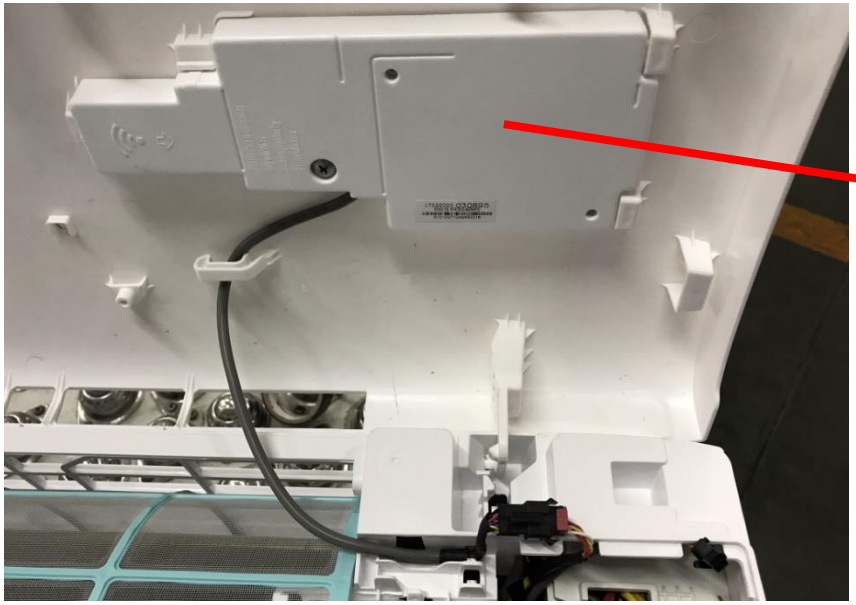
Instructions manual

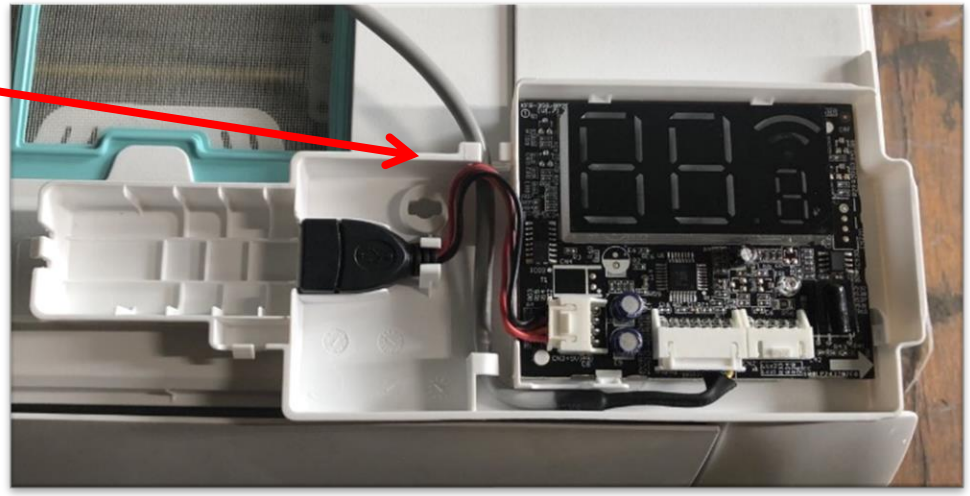
CL09400
English

1. Installation position

The Multi Function Board of wall mounted split series is installed in the back of the panel, there is no need for additional holder or bracket to fix it, however you should use a screw (not included) to fix it to the panel.

2. Standard Display box



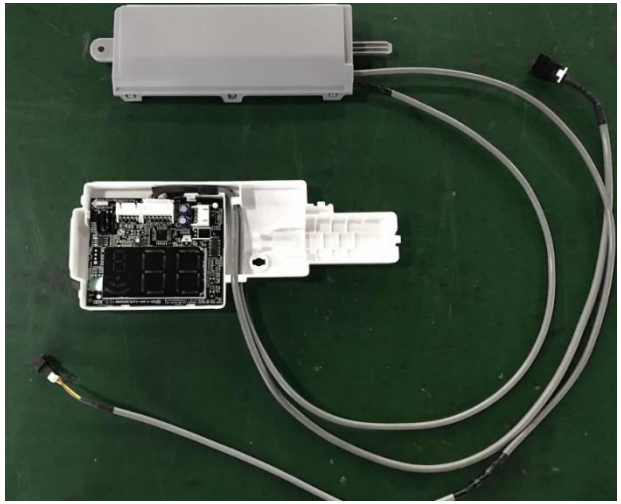


3. Necessary parts

One Multi Function Board subassembly would includes:

- Transfer PCB

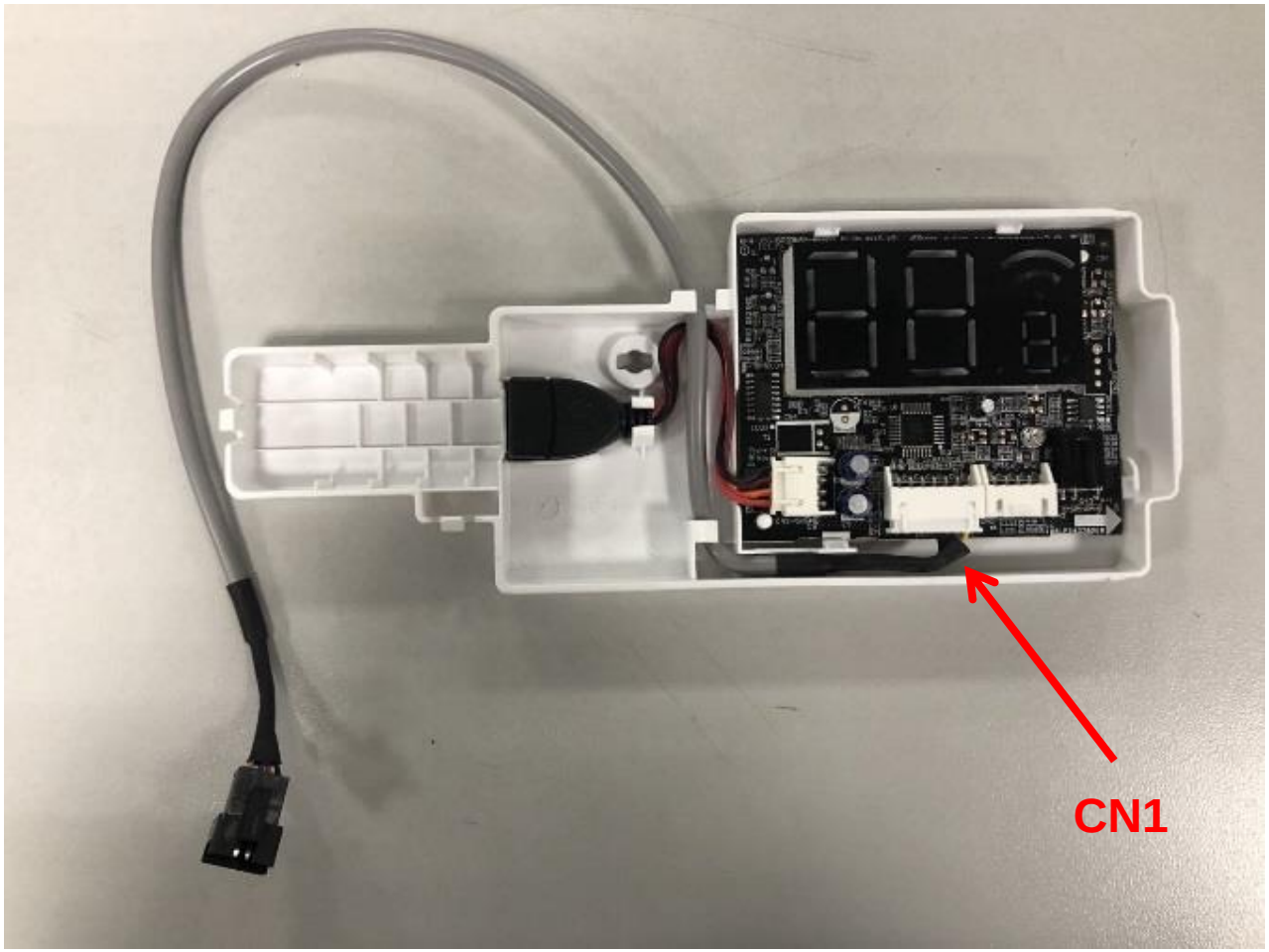
- 7-wired cable, the 4-wired part should connect to the main control PCB board; the 3-wired part should connect to the multi function board



- 2-wired cable which could connect to main control PCB board

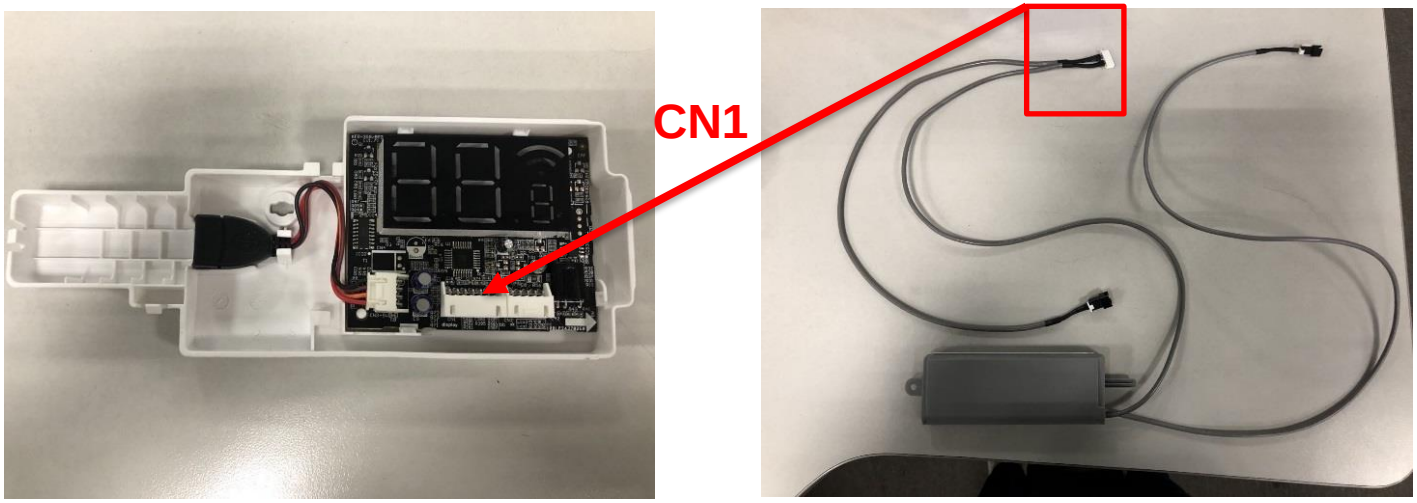
4. Installation of Multi Function Board

1) Remove the 4-wired cable from display board (CN1).



4. Installation of Multi Function Board

2) The 7-wired cable from Multi Function Board should be connect to CN1 on display board.

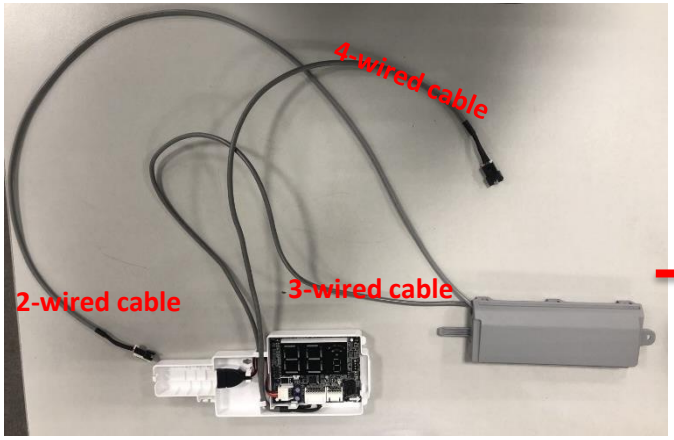


Before

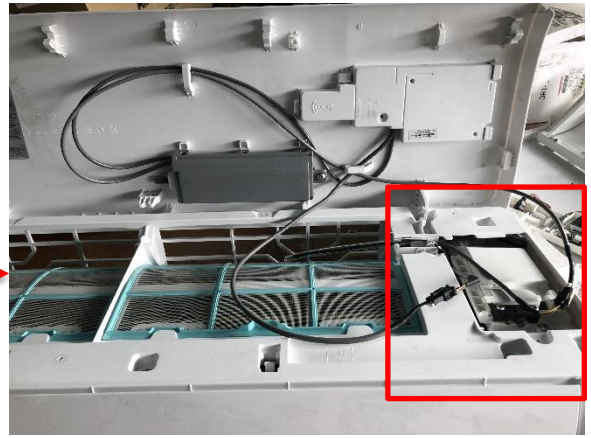
After

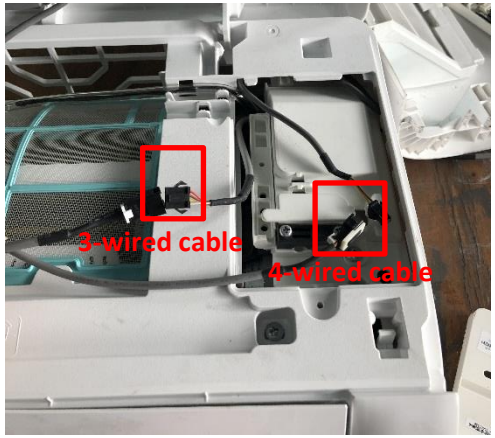
4. Installation of Multi Function board

3) The connection between Multi Function Board and PCB/display

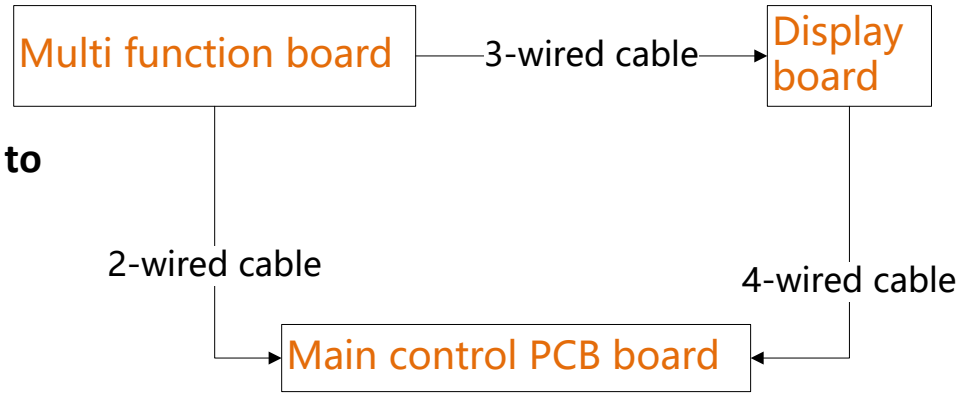


Install





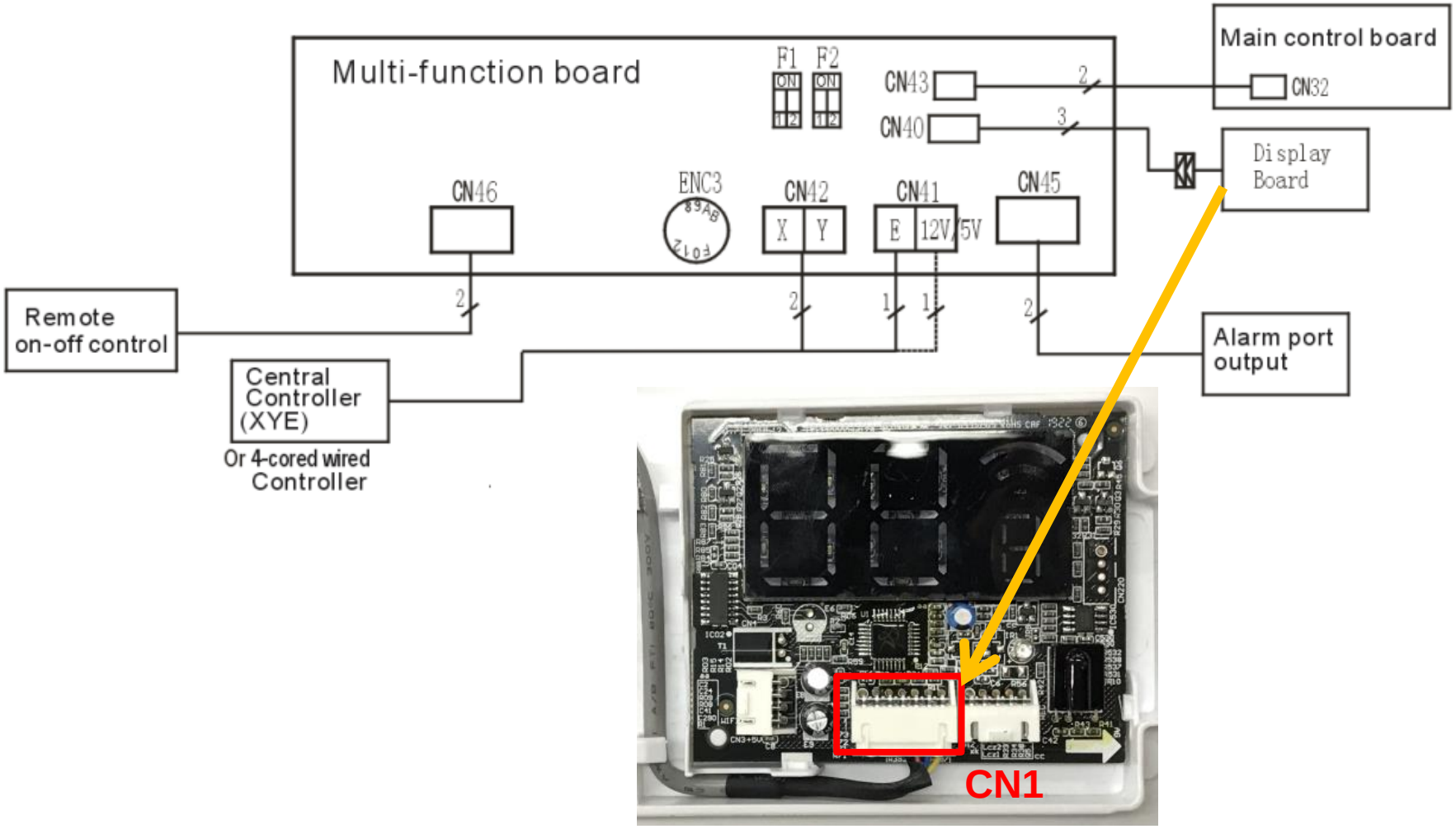
3-wired cable connect the Multi Function Board and Display board



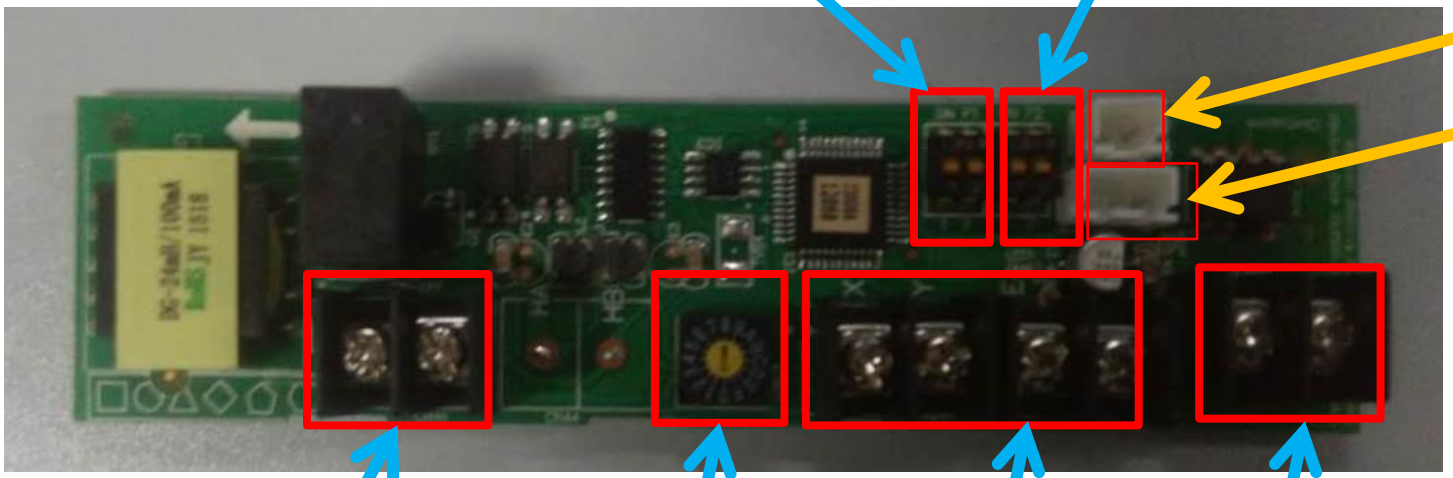
2-wired cable connect to another 2-wired cable

4-wired cable connect the main PCB board and the display board

5. The explanation of ports on Multi Function Board



5. The explanation of ports on Multi Function Board



Note:

1. Rotary switch ENC3 and Dip-switch F1 is for Net address setting;

2. Dip switch F2 is for On-Off setting

5.1. The explanation of F2 switch on Multi Function Board

Picture	Dip 1	Dip 2	➢ ON-OFF port
	OFF (default)	OFF (default)	◆ When ON-OFF port is disconnected, unit shows CP and can't work. And you can not control the unit with remote controller. ◆ When ON-OFF port is connected, unit works normally. And you can control the unit with remote controller.
	OFF	ON	◆ When ON-OFF port is disconnected, unit works normally. And you can control the unit with remote controller. ◆ When ON-OFF port is connected, unit shows CP and can't work. And you can not control the unit with remote controller.
	ON	ON	◆ ON-OFF port works as an ON/OFF button. ◆ By disconnecting the port, 'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller. ◆ By connecting the port, 'ON' signal is send to switch on the unit. You can switch off the unit with remote controller.
	ON	OFF	◆ ON-OFF port works as an ON/OFF button. ◆ By connecting the port, 'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller. ◆ By disconnecting the port, 'ON' signal is send to switch on the unit. You can switch off the unit with remote controller.

Note:

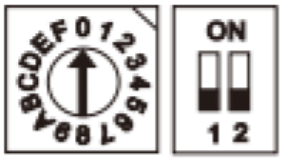
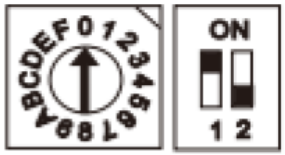
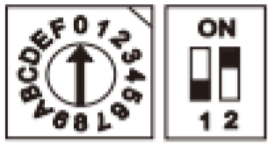
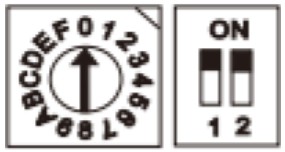
1. It needs 3 seconds to determine ON/OFF status.
2. CP command will be delivered one time immediately after power on
3. ON/OFF command do not be delivered after power on, only when the status changed, it can send the command. It will send switch-ON signal: the unit will run in Auto mode, Auto fan speed, 24ºC setting temp.

5.2. The explanation of Alarm port on Multi Function Board

Unit state	Alarm port output (CN45)
OFF	Closed
ON	Open
Error	Closed

5.3. The explanation of ENC3 + F1 switch on Multi Function Board

For setting net address (CCM communication BUS)

ENC3+F1				
CODE	0 to F	0 to F	0 to F	0 to F
Net Address	0 to 15	16 to 31	32 to 47	48 to 63

Note:

1. If it receives the network address set by remote controller, the network address will be changed. If it receives the cancel signal of network address set by remote controller, the network address will be disposed according to the setting of Dip-switch and Rotary switch.
2. The network address is useless for 4-cored wired controller (KJR-120N), only is valid for Central controller (CCM).