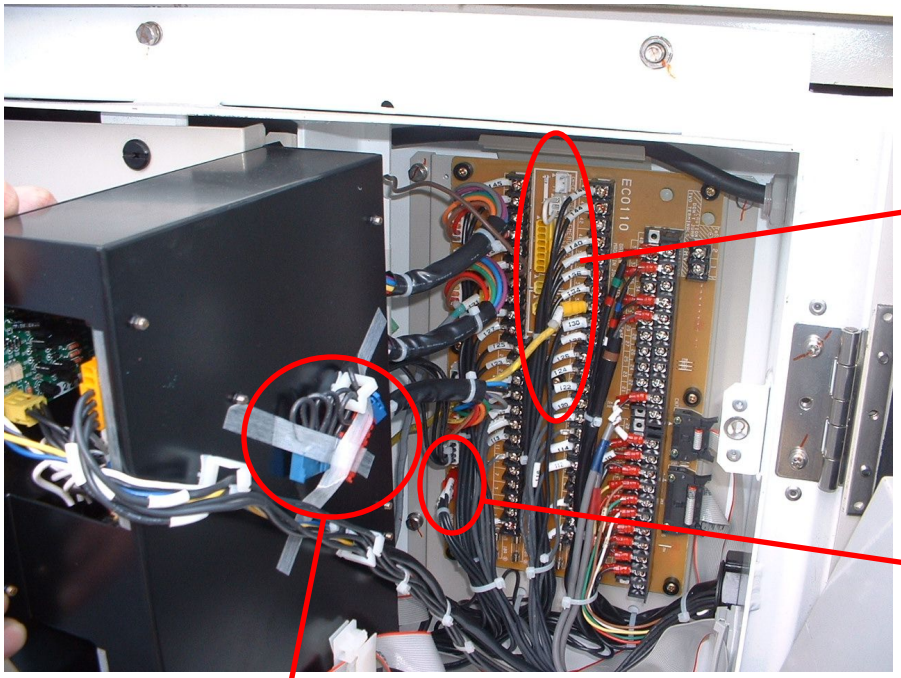
Emergency operation (Malfunction of electronic controller)

Model LXE10E type can operate without electronic controller in an emergency case.
In the following cases, unit starts/ stops by use of the Circuit breaker

Emergency mode	Emergency operation
Cool	Compressor : Continuous operation (* Compressor does not stop when inside reaches set point.) Evaporator fan : Run at low speed Condenser fan : Run Expansion valve : Fixed opening Suction modulating valve : 100% Open * Reverse phase protection board protects scroll compressor's reverse operation. ⇒ Please refer to " **PROCEDURE 1**".
Heating	Compressor : Off Evaporator fan : Run at high speed Condenser fan : Off ⇒ Please refer to " **PROCEDURE 2**".

Procedure 1 : For cooling operation

Step 1 : Setting of electronic controller
Step 2 : Setting of Electronic expansion valve
Step 3 : Setting of Suction modulating valve

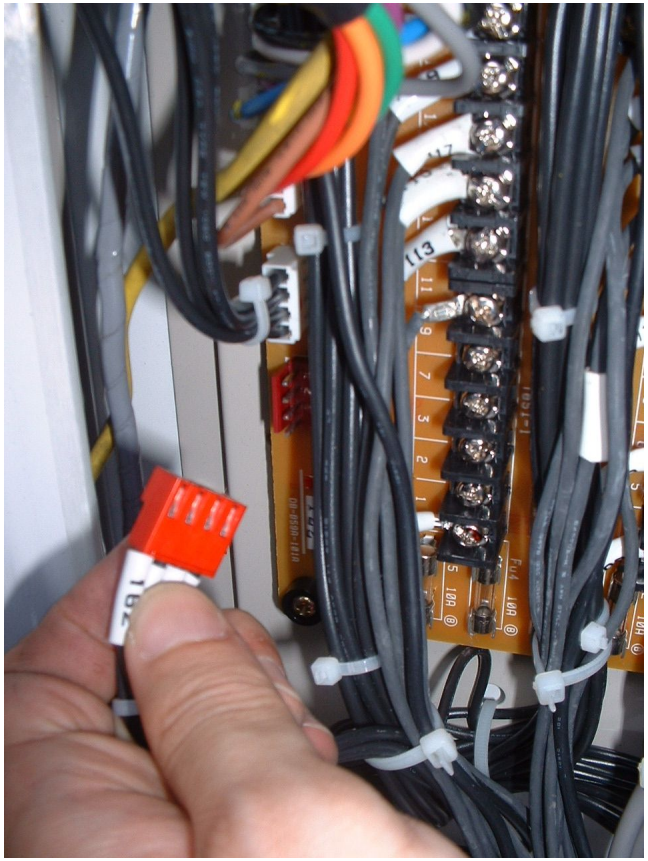


Step 1-1
Find connector on the back of electronic controller

Emergency connector receptacle

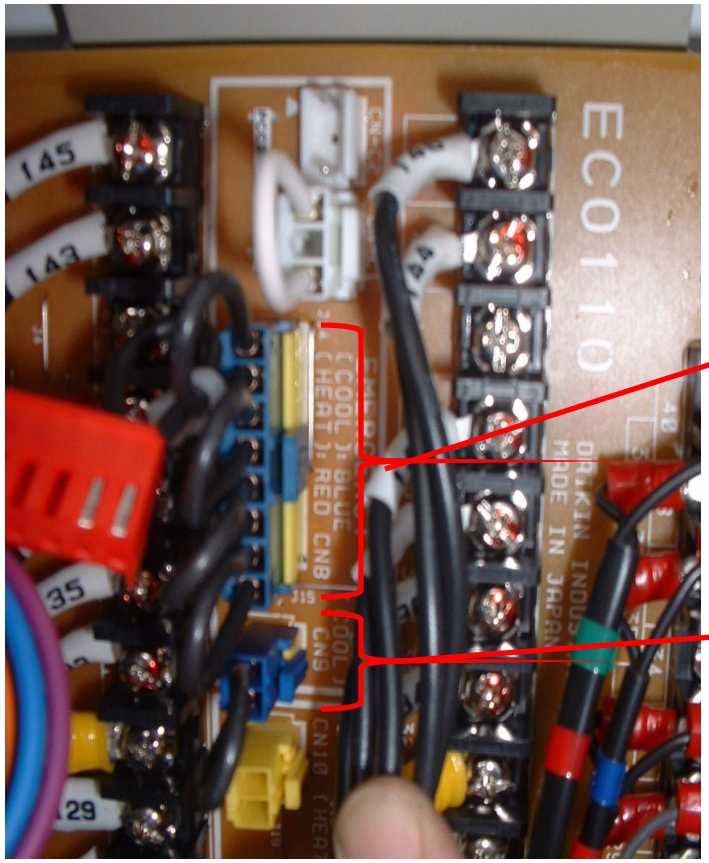
CN5 : Power supply connector

Emergency connector 1 and 2
(For COOL / HEAT)



Step 1-2

Disconnect power supply connector (CN5)



Step 1-3

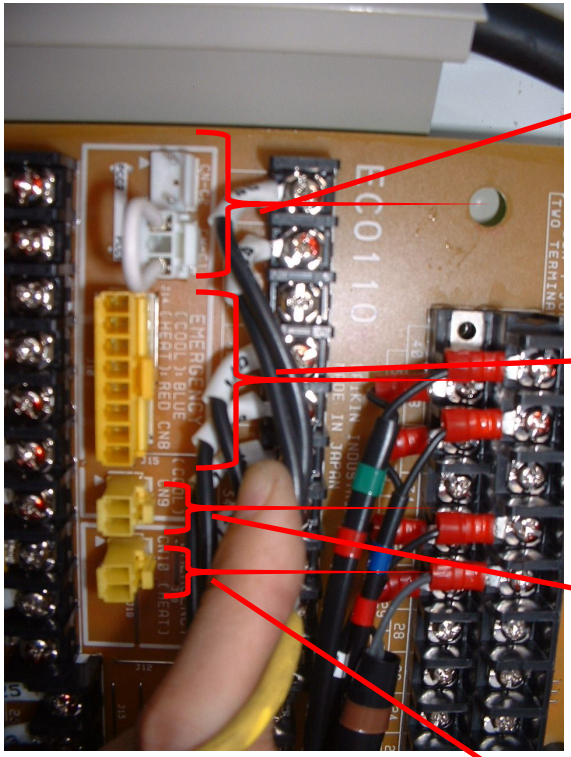
Remove “YELLOW cap” on the emergency connector receptacle and Connect “ Emergency connector 1 and 2” to Emergency connector receptacle.

Emergency connector 1 (8 pin) CN8

Emergency connector 2 (2 pin) CN9

Continue to step 2

< Reference : Emergency connector receptacle >



CN-C1, CN-C2 :
Phase selection (PCC1 / PCC2)
* When condenser fan runs reverse,
please re-connect this WHITE connector to other side
(PCC1 ⇒PCC2 or PCC2 ⇒ PCC1)

CN8 : Emergency connector 1 (8 pin)
1) When user want COOL operation,
Put “BLUE” connector to this receptacle
2) When user want HEAT operation,
Put “RED” connector to this receptacle

CN9 : Emergency connector for COOL (2 pin)
*When user want COOL operation,
Put “2 pin” connector to this receptacle

CN10 : Emergency connector for HEAT (2 pin)
*When user want HEAT operation,
Put “2 pin” connector to this receptacle