

## 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

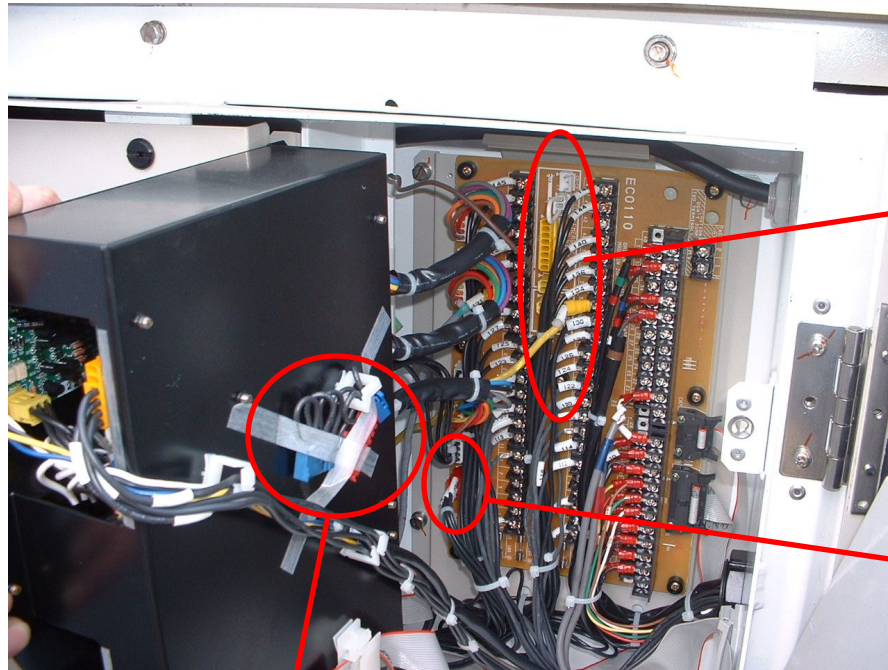
Emergency mode	Emergency operation
Cool	Compressor : Continuous operation (* Compressor does not stop when inside reaches set point.) Evaporator fan : Run at low speed Condenser fan : Run Expansion valve : Fixed opening Suction modulating valve : 100% Open  * Reverse phase protection board protects scroll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

## 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



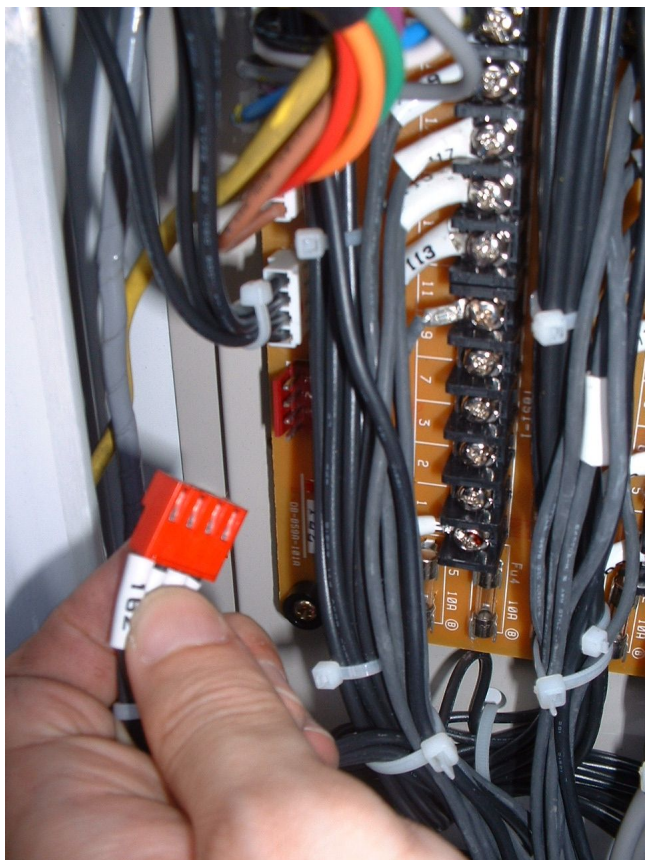
### Step 1-1

Find connector on the back of electronic controller

Emergency connector receptacle

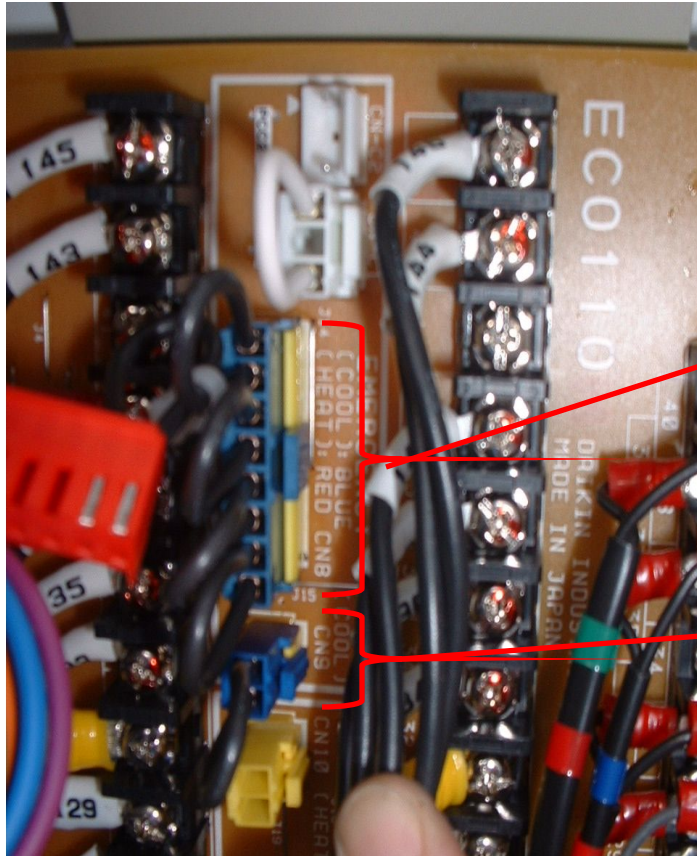
CN5 : Power supply connector

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.

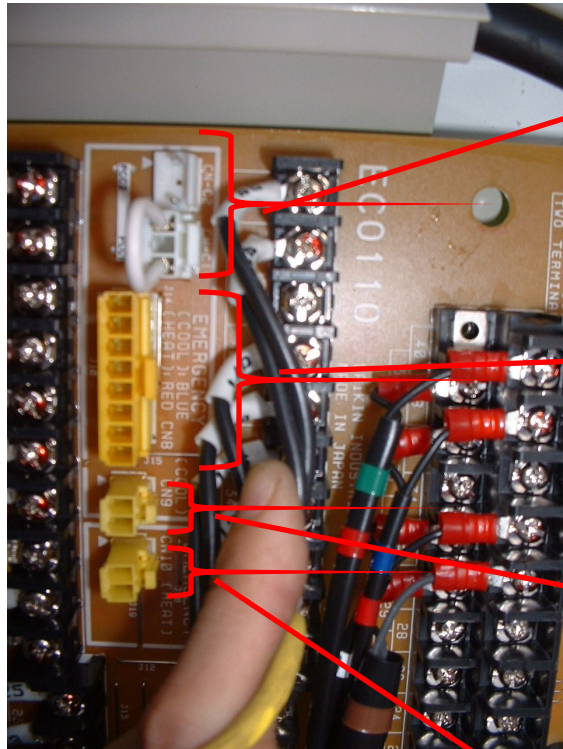
Emergency connector 1 (8 pin) **CN8**

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