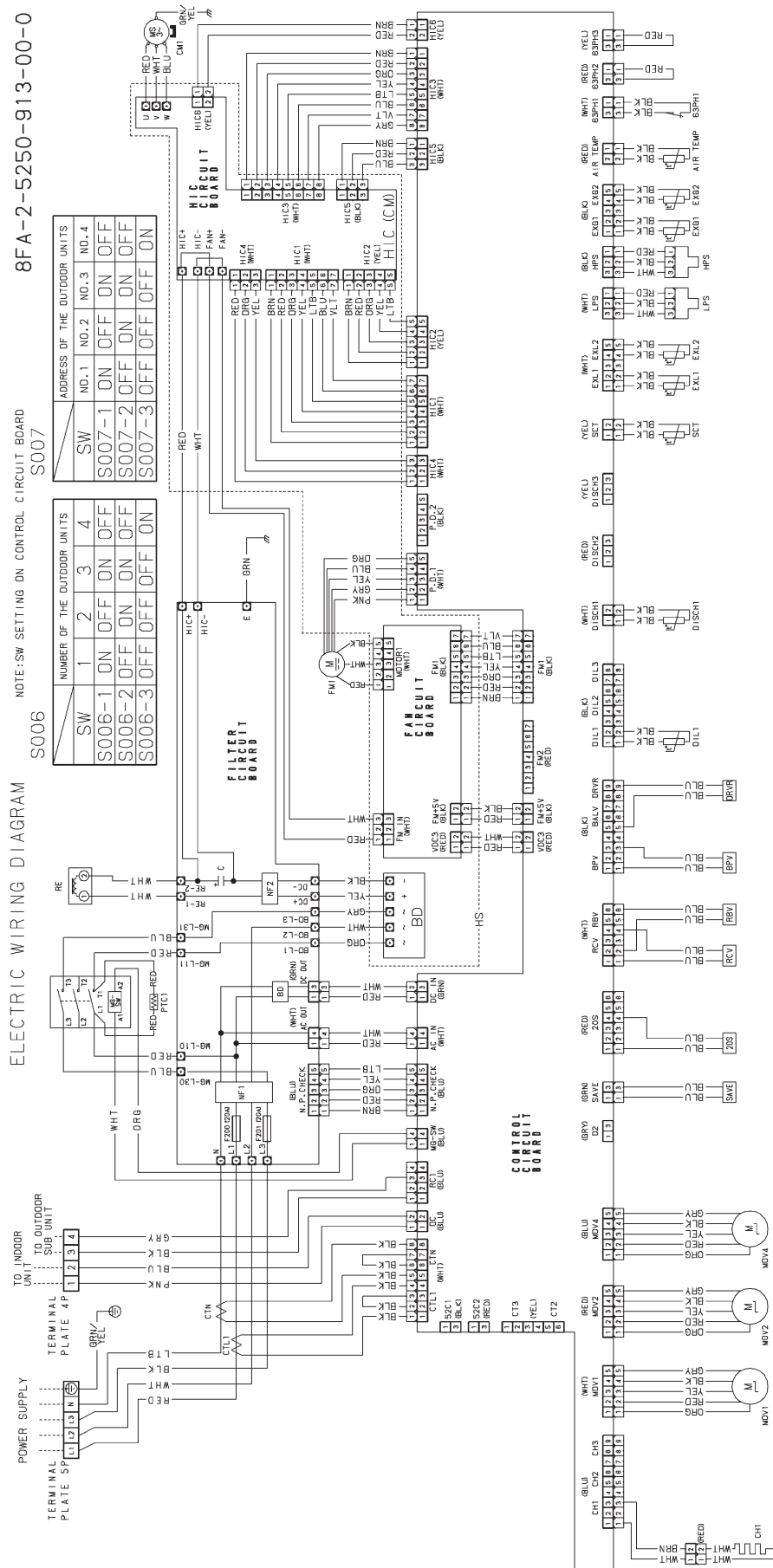


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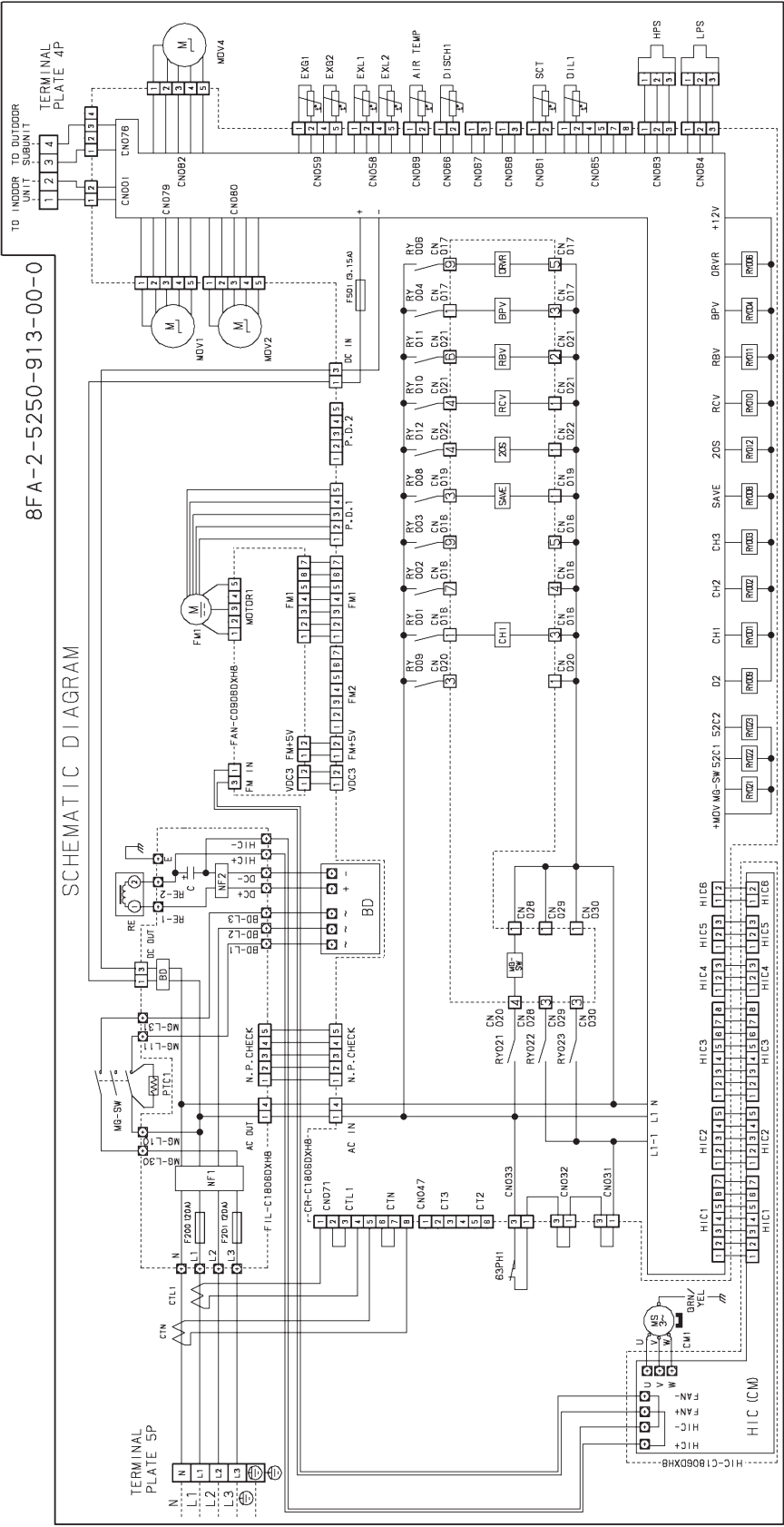
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(1) Electric Wiring Diagram U-8ME1E8(E)



1. Outdoor Unit

Schematic Diagram U-8ME1E8(E)



SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
CM1	COMPRESSOR MOTOR	NF1, 2	NOISE FILTER ON THE P.C.B.)	RY001~004, 006, 008~012, 021~023	RELAY
FM1	OUTDOOR FAN MOTOR	BD	BRIDGE DIODE	CR-C1806DXH8	CONTROL CIRCUIT BOARD
SAVE	SAVE VALVE	CH1	CRANK CASE HEATER	FIL-C1806DXH8	FILTER CIRCUIT BOARD
20S	FOUR WAY VALVE	63PH1	HIGH PRESSURE SWITCH	HIC-C1806DXH8	HIC CIRCUIT BOARD
RCV, RBV	REFRIGERANT CONTROL VALVE	C	ELECTROLYTIC CAPACITOR	FAN-C0906DXH8	FAN CIRCUIT BOARD
BPV	BYPASS VALVE	RE	REACTOR		THERMISTOR
DRVR	OIL RECOVERY VALVE	HIC	HYBRID IC		CONNECTOR
MG-SW	MAGNETIC CONTACTOR	HS	HEAT SINK (RADIATOR)		TERMINAL
MOV1, 2, 4	MOTOR OPERATED VALVE	PTC1	PTC THERMISTOR		TERMINAL PLATE
F200, 201, 501	OPERATION CIRCUIT FUSE	CTL1, CTN	CURRENT TRANSFORMER		

WARNING TURN OFF THE MAIN POWER SUPPLY SWITCH WHEN CHANGING P.C.B.. CONFIRM ALL THE L.E.D. S ON THE P.C.B. ARE OFF AND START TO REWORK. OTHERWISE YOU MAY BE KILLED BY AN ELECTRIC SHOCK.

(2) Electric Wiring Diagram U-10ME1E8(E), U-12ME1E8(E)



Schematic Diagram U-10ME1E8(E), U-12ME1E8(E)



SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
CM1, 2	COMPRESSOR MOTOR	F200, 201, 501	OPERATION CIRCUIT FUSE	CT2/CTL1, CTN	CURRENT TRANSFORMER
FM1	OUTDOOR FAN MOTOR	NF1, 2	NOISE FILTER ON THE P.C.B.)	RY001~004, 006, 008~012, 021~023	RELAY
SAVE	SAVE VALVE	BD	BRIDGE DIODE	CR-C1806DXH8	CONTROL CIRCUIT BOARD
20S	FOUR WAY VALVE	CH1, 2	CRANK CASE HEATER	FIL-C1806DXH8	FILTER CIRCUIT BOARD
RCV, RBV	REFRIGERANT CONTROL VALVE	63PH1, 2	HIGH PRESSURE SWITCH	HIC-C1806DXH8	HIC CIRCUIT BOARD
BPV	BYPASS VALVE	C	ELECTROLYTIC CAPACITOR	FAN-C0906DXH8	FAN CIRCUIT BOARD
DRVR	OIL RECOVERY VALVE	RE	REACTOR		THERMISTOR
MG-SW	MAGNETIC CONTACTOR	HIC	HYBRID IC		CONNECTOR
52C1	COMPRESSOR MOTOR MAGNETIC CONTACTOR	HS	HEAT SINK (RADIATOR)		TERMINAL
MOV1, 2, 4	MOTOR OPERATED VALVE	PTC1	PTC THERMISTOR		TERMINAL PLATE

WARNING  TURN OFF THE MAIN POWER SUPPLY SWITCH WHEN CHANGING P.C.B.'S. CONFIRM ALL THE L.E.D.'S ON THE P.C.B. ARE OFF AND START TO REWORK. OTHERWISE YOU MAY BE KILLED BY AN ELECTRIC SHOCK.

(3) Electric Wiring Diagram U-14ME1E8(E), U-16ME1E8(E)



Schematic Diagram U-14ME1E8(E), U-16ME1E8(E)

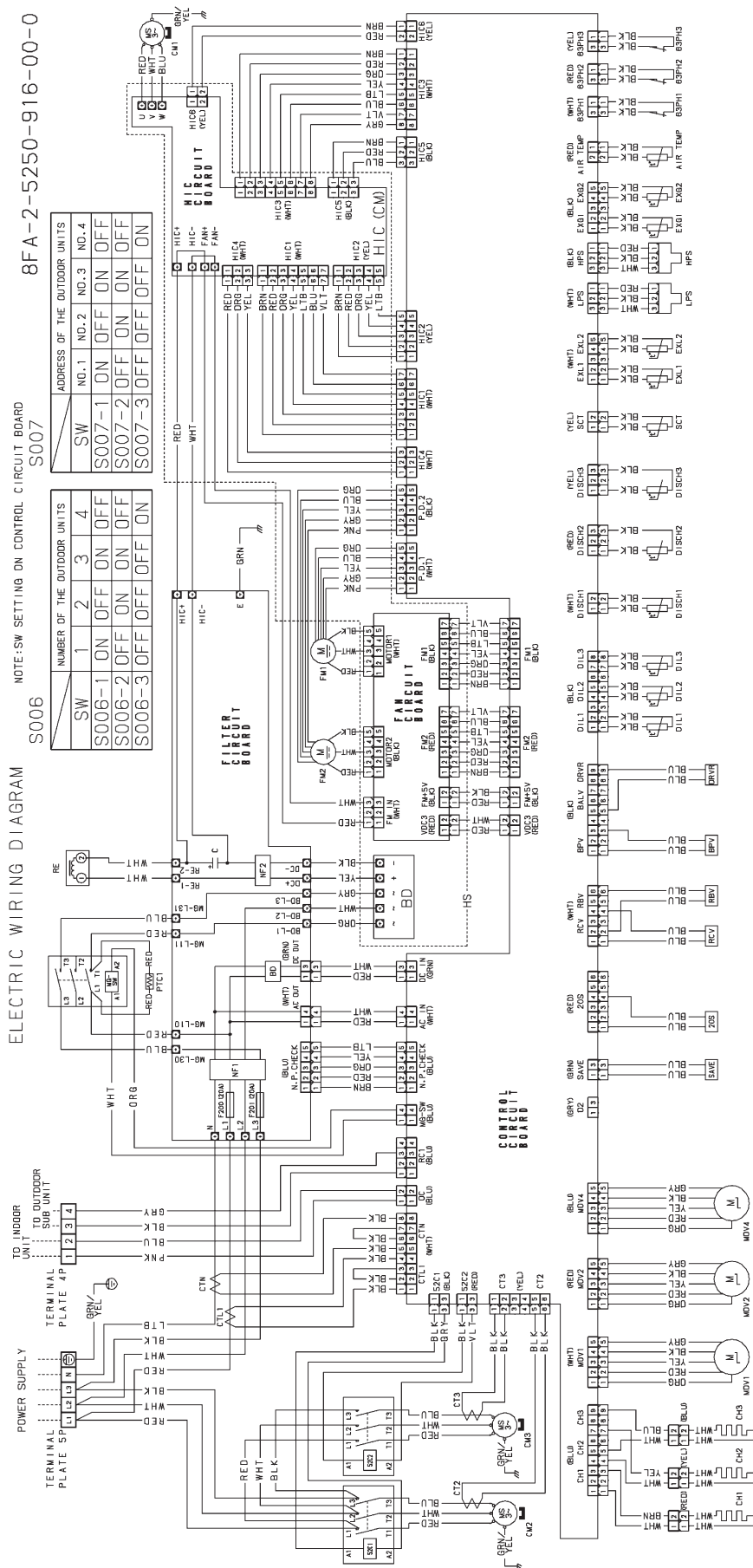


SYMBOLS		DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
CM1, 2		COMPRESSOR MOTOR	F200, 201, 501	OPERATION CIRCUIT FUSE	CT2/CTLI, CTN	CURRENT TRANSFORMER
FM1		OUTDOOR FAN MOTOR	NF1, 2	NOISE FILTER ON THE P.C.B.)	RY001~004, 006, 008~012, 021~023	RELAY
SAVE		SAVE VALVE	BD	BRIDGE DIODE	CR-C1806DXH8	CONTROL CIRCUIT BOARD
20S		FOUR WAY VALVE	CH1, 2	CRANK CASE HEATER	FIL-C1806DXH8	FILTER CIRCUIT BOARD
RCV, RBV		REFRIGERANT CONTROL VALVE	63PH1, 2	HIGH PRESSURE SWITCH	HIC-C1806DXH8	HIC CIRCUIT BOARD
BPV		BYPASS VALVE	C	ELECTROLYTIC CAPACITOR	FAN-C0906DXH8	FAN CIRCUIT BOARD
ORVR		OIL RECOVERY VALVE	RE	REACTOR		THERMISTOR
MG-SW		MAGNETIC CONTACTOR	HIC	HYBRID IC		CONNECTOR
52C1		COMPRESSOR MOTOR MAGNETIC CONTACTOR	HS	HEAT SINK (RADIATOR)		TERMINAL
MOV1, 2, 4		MOTOR OPERATED VALVE	PTC1	PTC THERMISTOR		TERMINAL PLATE

WARNING TURN OFF THE MAIN POWER SUPPLY SWITCH WHEN CHANGING P.C.B.'S. CONFIRM ALL THE L.E.D.'S ON THE P.C.B. ARE OFF AND START TO REWORK. OTHERWISE YOU MAY BE KILLED BY AN ELECTRIC SHOCK.

1. Outdoor Unit

(4) Electric Wiring Diagram U-18ME1E8(E), U-20ME1E8(E)



Schematic Diagram U-18ME1E8(E), U-20ME1E8(E)

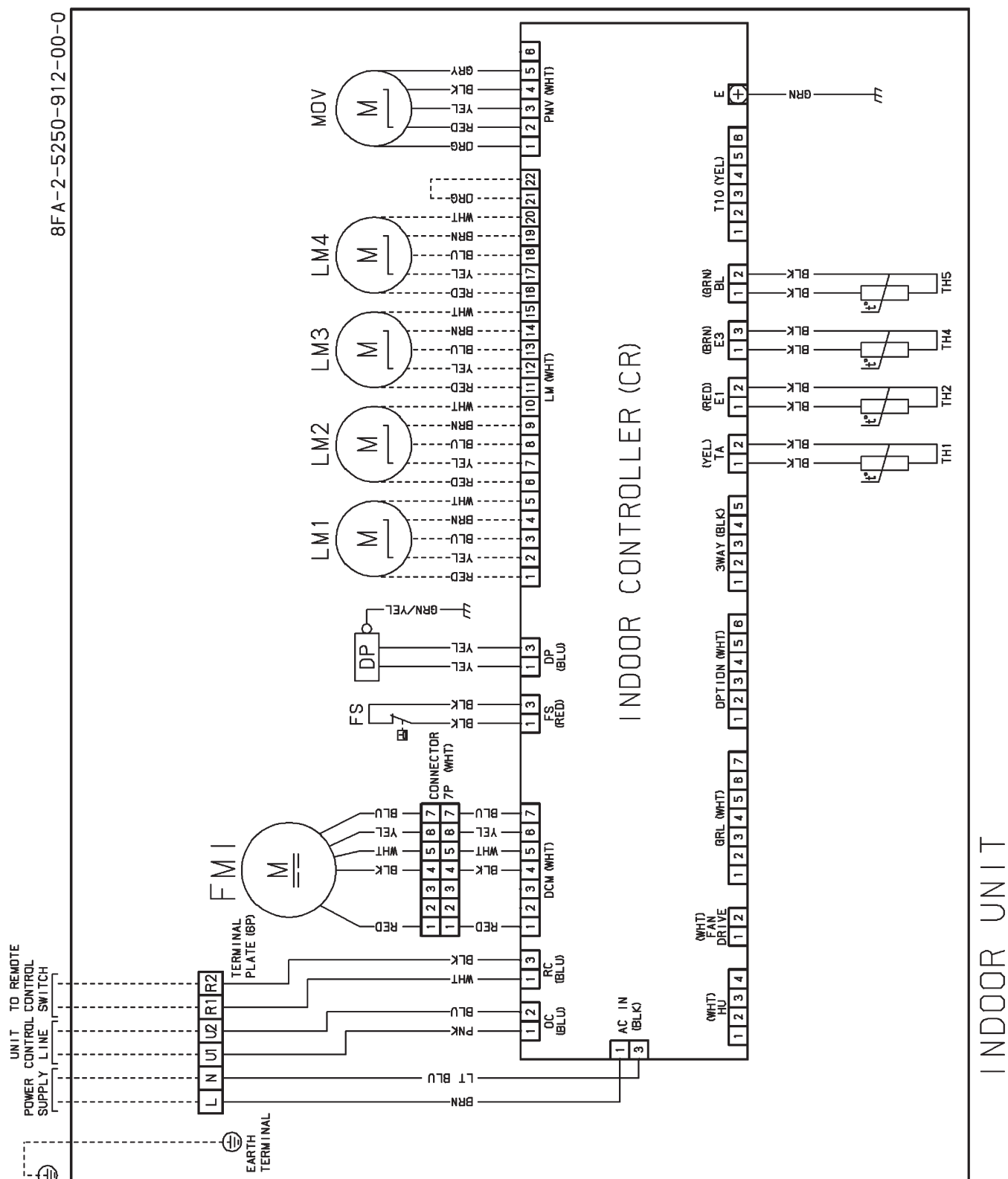


SYMBOLS		DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
CM1, 2, 3		COMPRESSOR MOTOR	F200, 201, 501	OPERATION CIRCUIT FUSE	CT2, 3/CTL1, CTN	CURRENT TRANSFORMER
FM1, 2		OUTDOOR FAN MOTOR	NF1, 2	NOISE FILTER ON THE P.C.B.)	RY001~004, 006, 008~012, 021~023	RELAY
SAVE		SAVE VALVE	BD	BRIDGE DIODE	CR-C1806DXH8	CONTROL CIRCUIT BOARD
2OS		FOUR WAY VALVE	CH1, 2, 3	CRANK CASE HEATER	FIL-C1806DXH8	FILTER CIRCUIT BOARD
RCV, RBV		REFRIGERANT CONTROL VALVE	B3PH1, 2, 3	HIGH PRESSURE SWITCH	HIC-C1806DXH8	HIC CIRCUIT BOARD
BPV		BYPASS VALVE	C	ELECTROLYTIC CAPACITOR	FAN-C1806DXH8	FAN CIRCUIT BOARD
ORVR		OIL RECOVERY VALVE	RE	REACTOR		THERMISTOR
MG-SW		MAGNETIC CONTACTOR	HIC	HYBRID IC		CONNECTOR
52C1, 2		COMPRESSOR MOTOR MAGNETIC CONTACTOR	HS	HEAT SINK (RADIATOR)		TERMINAL
MOV1, 2, 4		MOTOR OPERATED VALVE	PTC1	PTC THERMISTOR		TERMINAL PLATE

WARNING ⚠️ TURN OFF THE MAIN POWER SUPPLY SWITCH WHEN CHANGING P.C.B.. CONFIRM ALL THE L.E.D.S ON THE P.C.B. ARE OFF AND START TO REWORK. OTHERWISE YOU MAY BE KILLED BY AN ELECTRIC SHOCK.

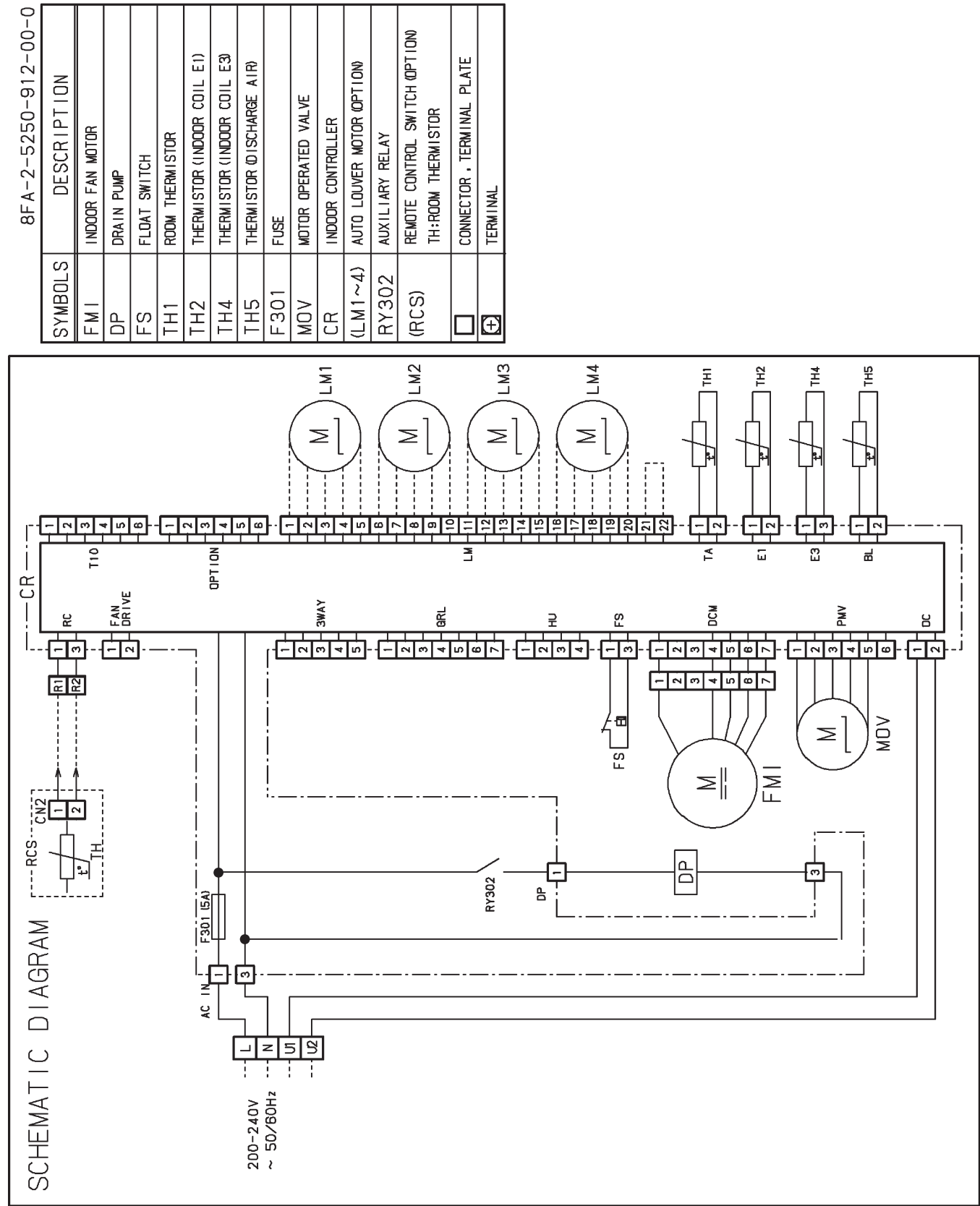
2. Indoor Unit

(1)-1 Electric Wiring Diagram S-22MU1E5/28MU1E5/36MU1E5/45MU1E5/56MU1E5/73MU1E5



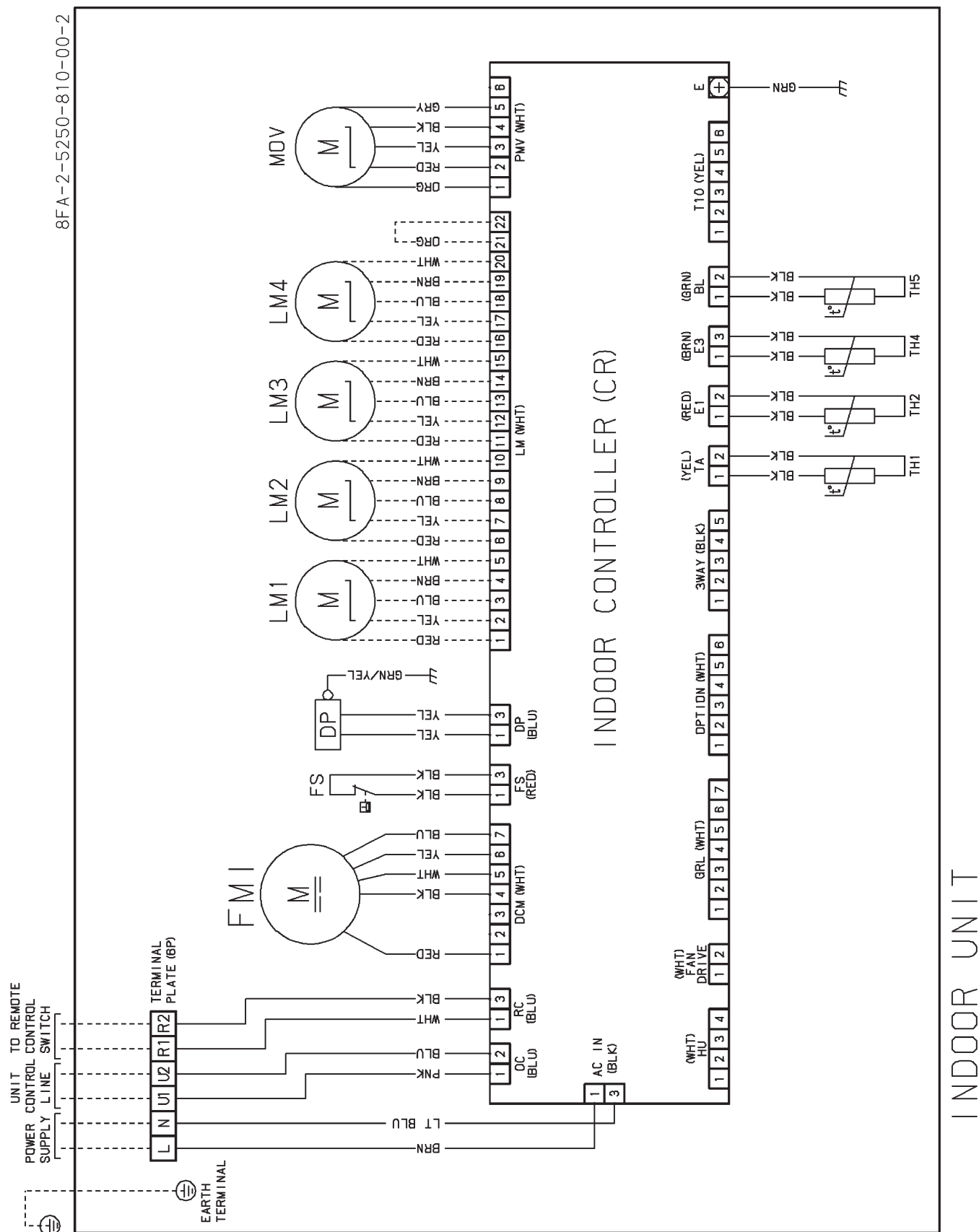
2. Indoor Unit

Schematic Diagram S-22MU1E5/28MU1E5/36MU1E5/45MU1E5/56MU1E5/73MU1E5



2. Indoor Unit

(1)-2 Electric Wiring Diagram S-106MU1E5/140MU1E5/160MU1E5

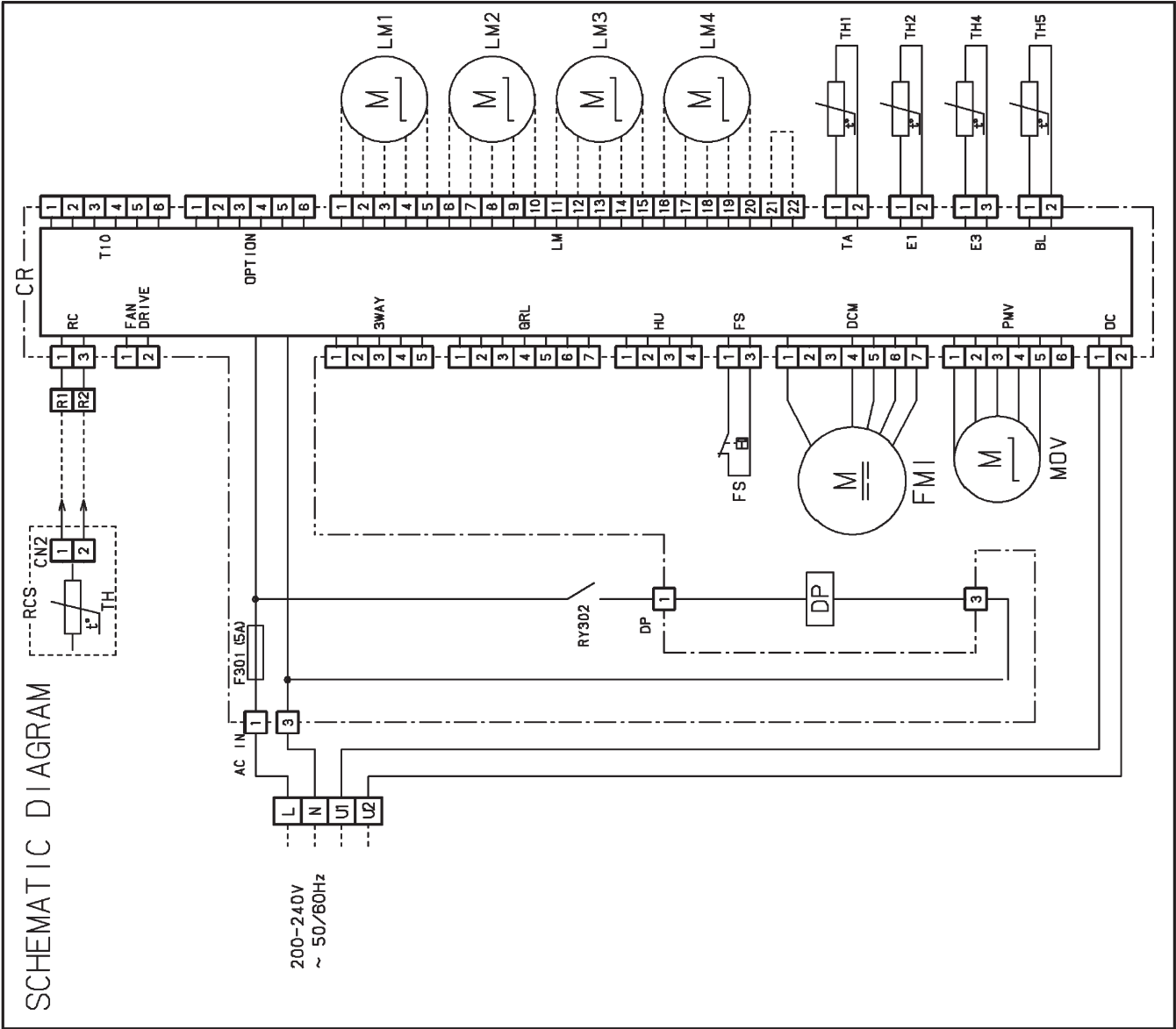


2. Indoor Unit

Schematic Diagram S-106MU1E5/140MU1E5/160MU1E5

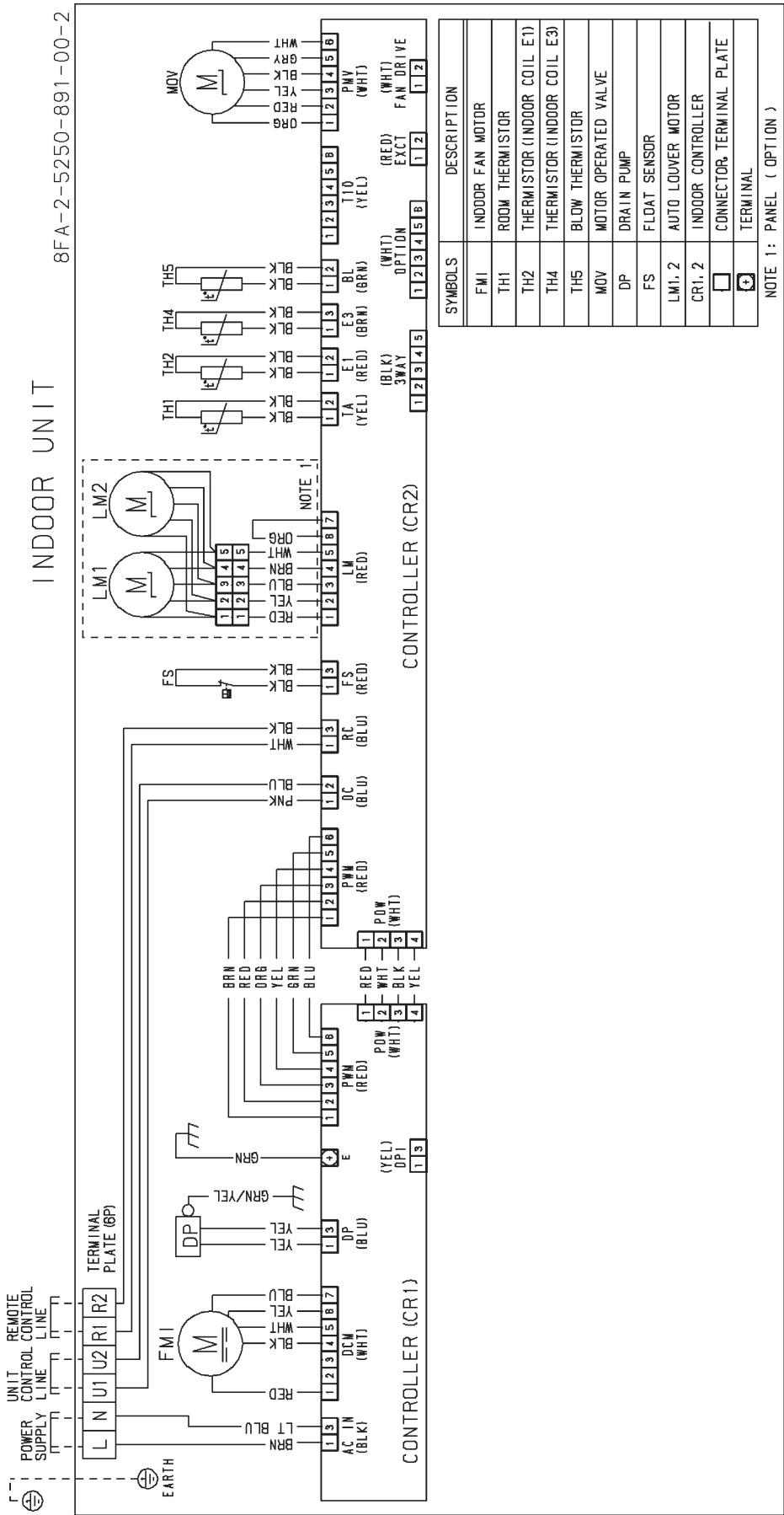
8FA-2-5250-810-00-2

SYMBOLS	DESCRIPTION
FM1	INDOOR FAN MOTOR
DP	DRAIN PUMP
FS	FLOAT SWITCH
TH1	ROOM THERMISTOR
TH2	THERMISTOR (INDOOR COIL E1)
TH4	THERMISTOR (INDOOR COIL E3)
TH5	THERMISTOR (DISCHARGE AIR)
F301	FUSE
MOV	MOTOR OPERATED VALVE
CR	INDOOR CONTROLLER
(LM1~4)	AUTO LOUVER MOTOR (OPTION)
RY302	AUXILIARY RELAY
(RCS)	REMOTE CONTROL SWITCH (OPTION) TH:ROOM THERMISTOR
	CONNECTOR, TERMINAL PLATE
	TERMINAL



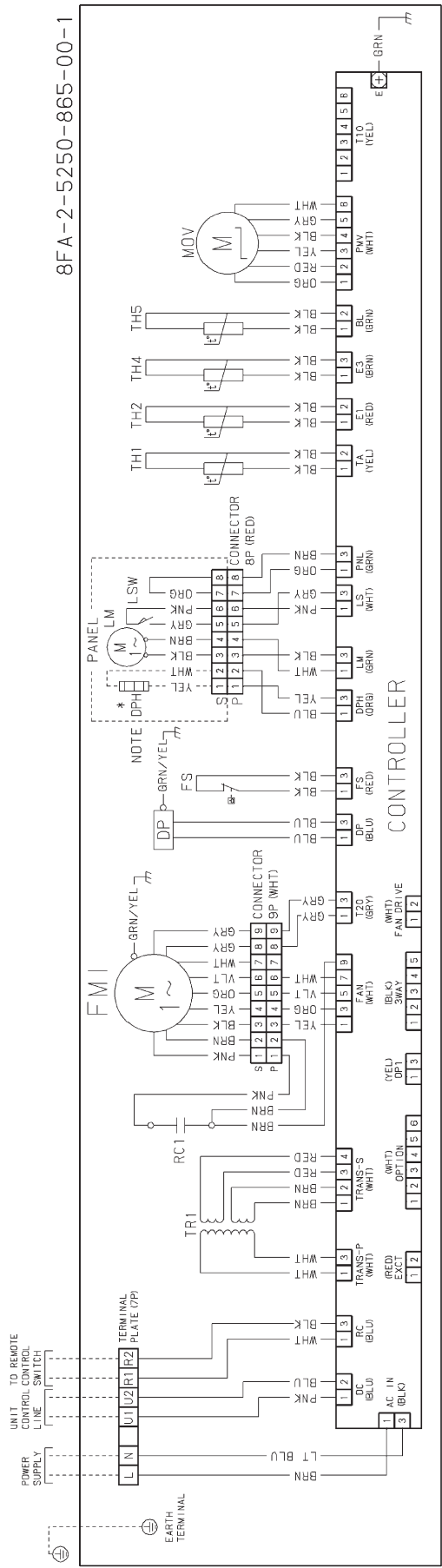
2. Indoor Unit

(2) Electric Wiring Diagram S-22MY1E5/28MY1E5/36MY1E5/45MY1E5/56MY1E5



2. Indoor Unit

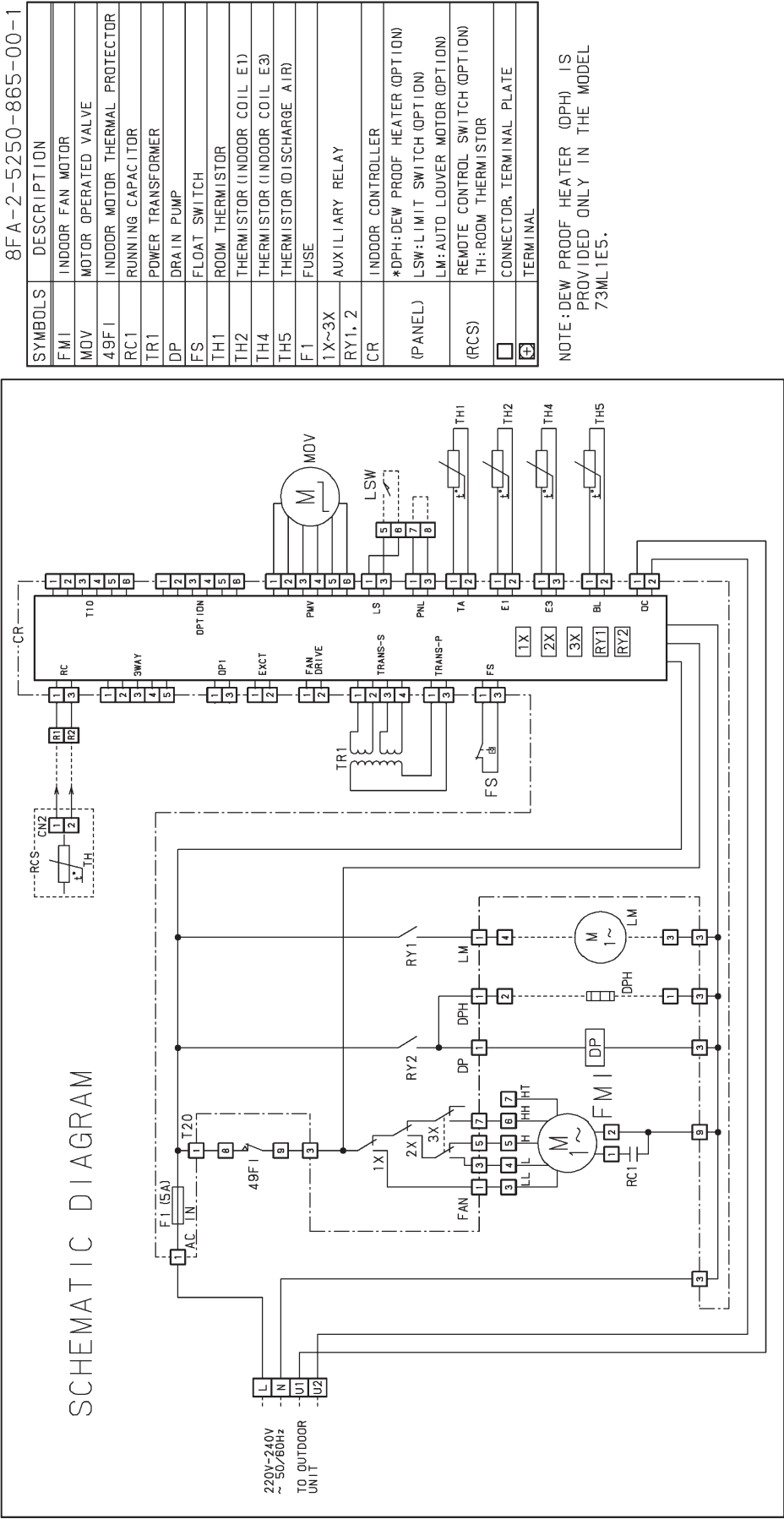
(3) Electric Wiring Diagram S-22ML1E5/28ML1E5/36ML1E5/45ML1E5/56ML1E5/73ML1E5



NOTE: DEW PROOF HEATER (DPH) IS PROVIDED ONLY IN THE MODEL 73ML1E5.

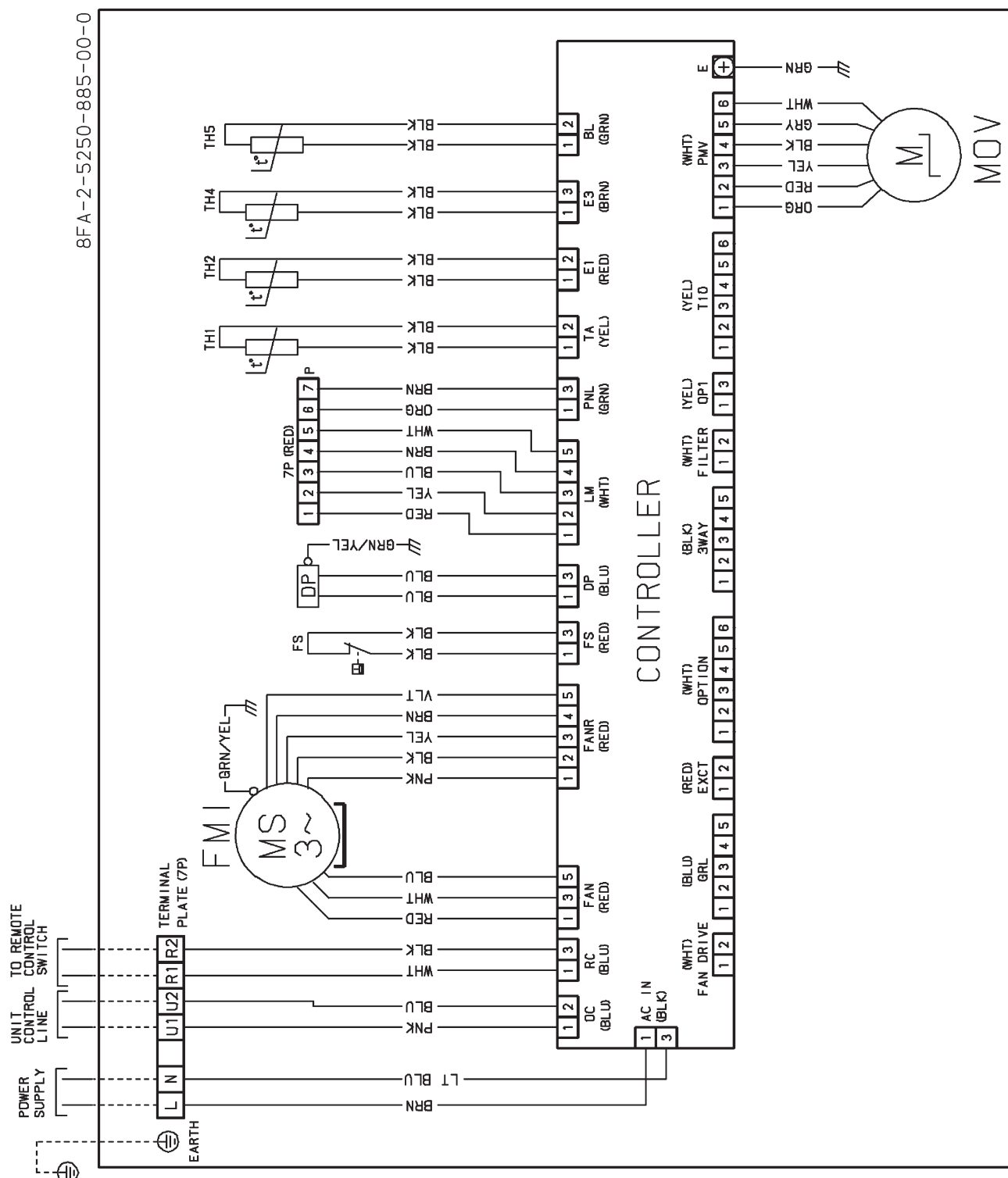
2. Indoor Unit

Schematic Diagram S-22ML1E5/28ML1E5/36ML1E5/45ML1E5/56ML1E5/73ML1E5



2. Indoor Unit

(4) Electric Wiring Diagram S-28MD1E5/36MD1E5/45MD1E5/56MD1E5/73MD1E5

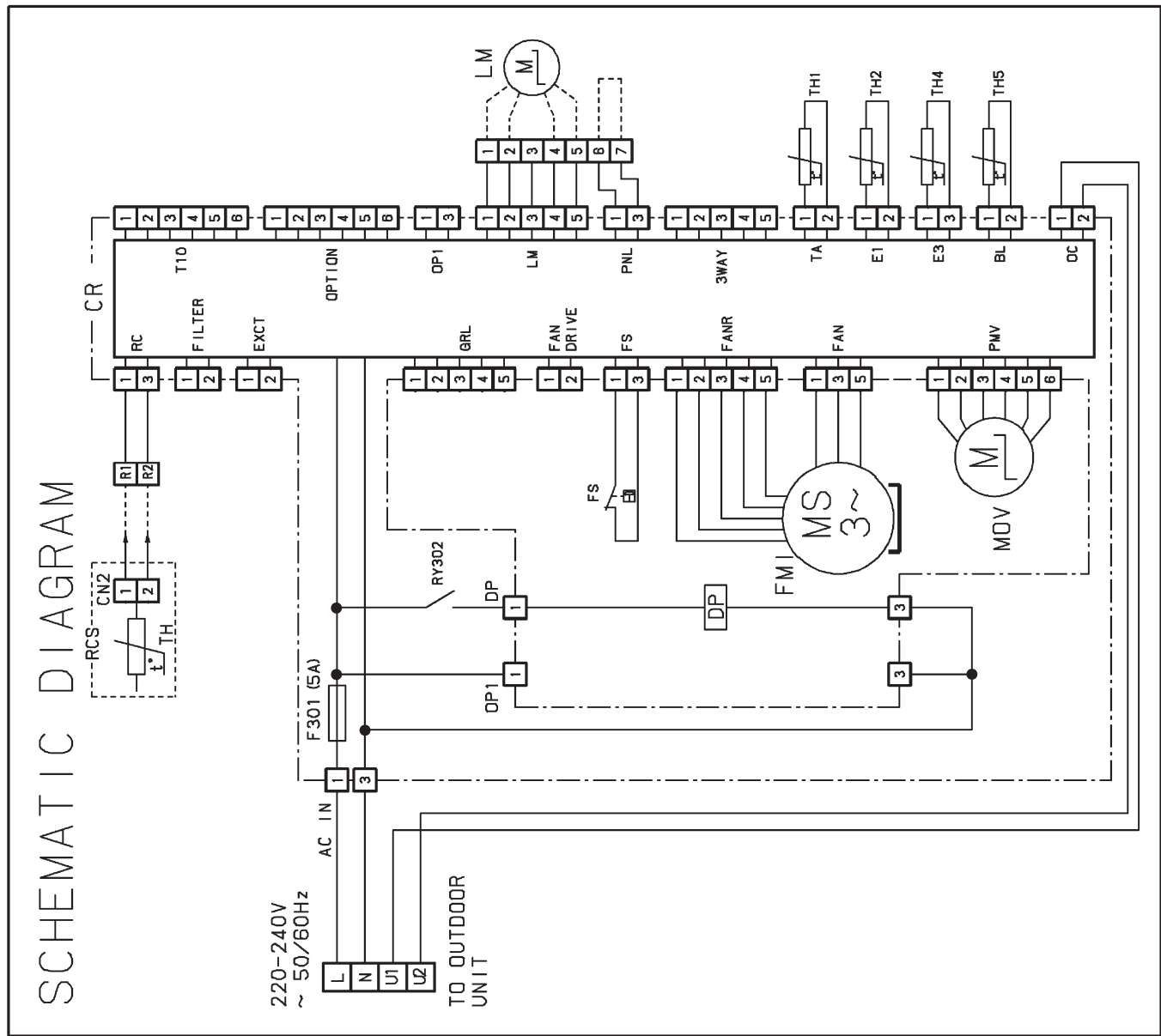


2. Indoor Unit

Schematic Diagram S-28MD1E5/36MD1E5/45MD1E5/56MD1E5/73MD1E5

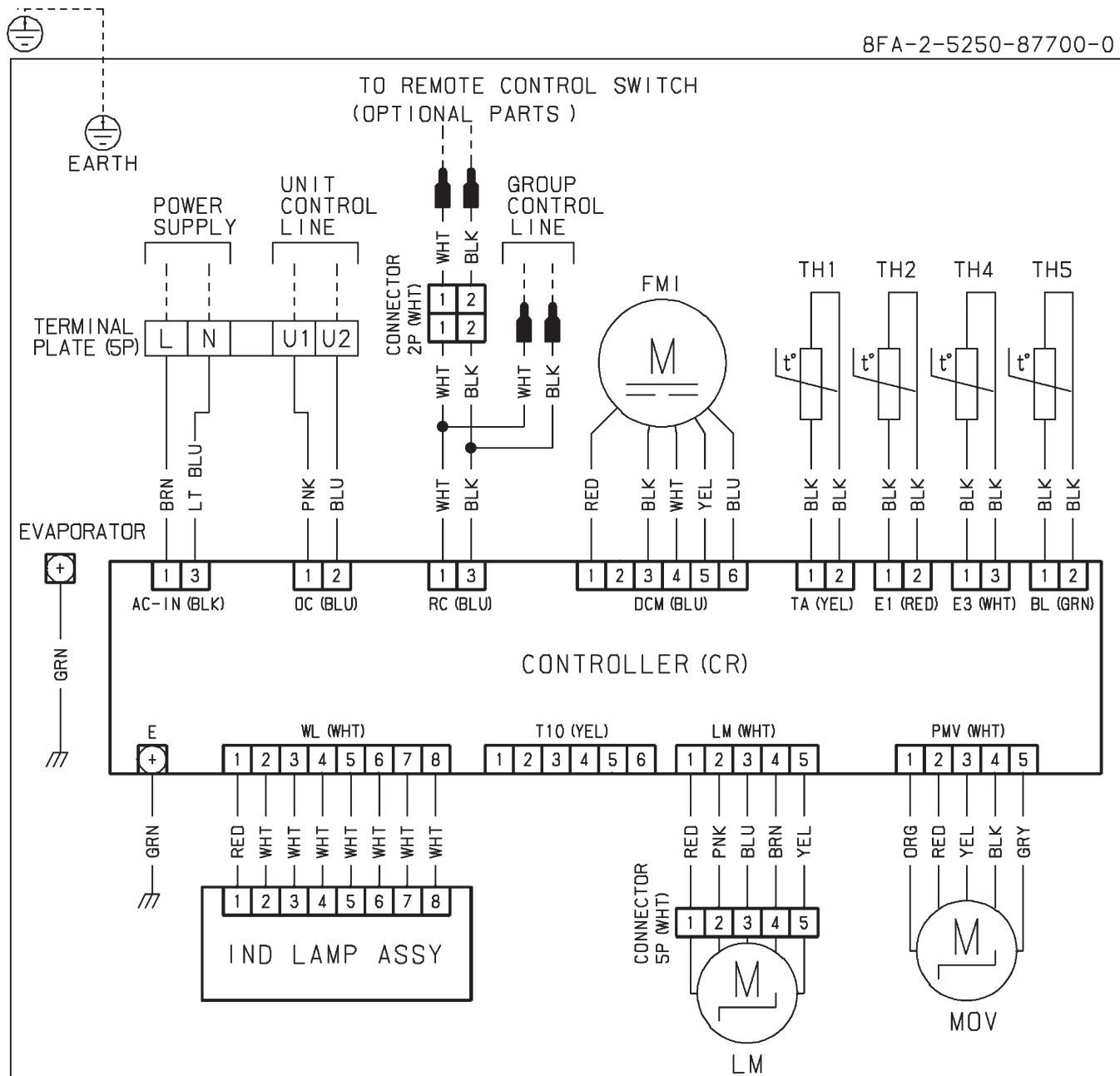
8FA-2-5250-885-00-0

SYMBOLS	DESCRIPTION
FMI	INDOOR FAN MOTOR
TH1	ROOM THERMISTOR
TH2	THERMISTOR (INDOOR COIL E1)
TH4	THERMISTOR (INDOOR COIL E3)
TH5	THERMISTOR (DISCHARGE AIR)
F301	FUSE
MOV	MOTOR OPERATED VALVE
CR	INDOOR CONTROLLER
LM	AUTO LOUVER MOTOR
RY302	AUXILIARY RELAY
DP	DRAIN PUMP
FS	FLOAT SWITCH
(RCS)	REMOTE CONTROL SWITCH (OPTION)
TH:ROOM THERMISTOR	
	CONNECTOR, TERMINAL PLATE
	TERMINAL



2. Indoor Unit

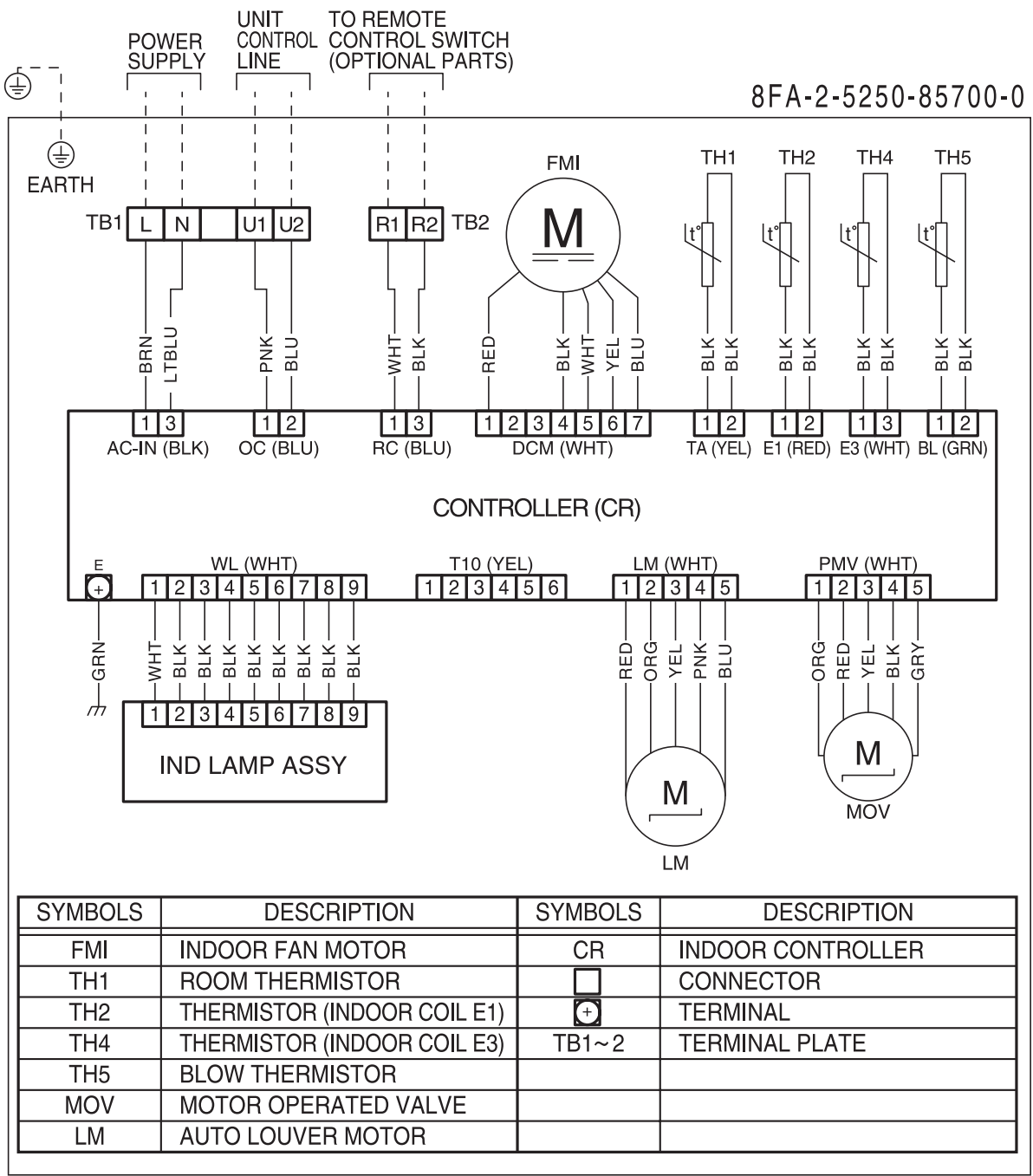
(5)-1 Electric Wiring Diagram S-22MK1E5/28MK1E5/36MK1E5



SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
FMI	INDOOR FAN MOTOR	CR	INDOOR CONTROLLER
TH1	ROOM THERMISTOR		CONNECTOR
TH2	THERMISTOR (INDOOR COIL E1)		TERMINAL
TH4	THERMISTOR (INDOOR COIL E3)		
TH5	BLOW THERMISTOR		
MOV	MOTOR OPERATED VALVE		
LM	AUTO LOUVER MOTOR		

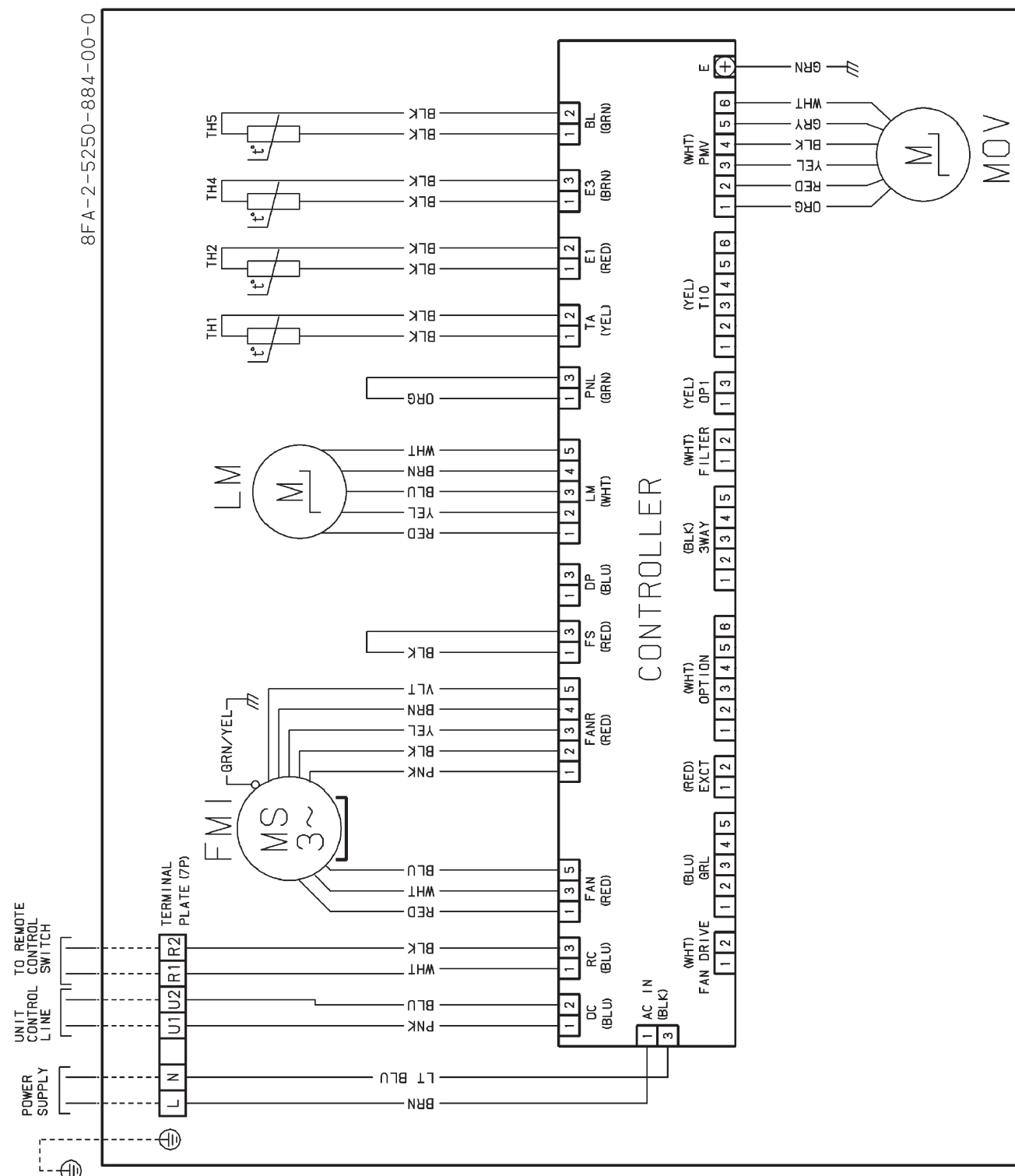
2. Indoor Unit

(5)-2 Electric Wiring Diagram S-45MK1E5/56MK1E5/73MK1E5/106MK1E5



(6) Electric Wiring Diagram S-36MT1E5/45MT1E5/56MT1E5/73MT1E5/106MT1E5/140MT1E5

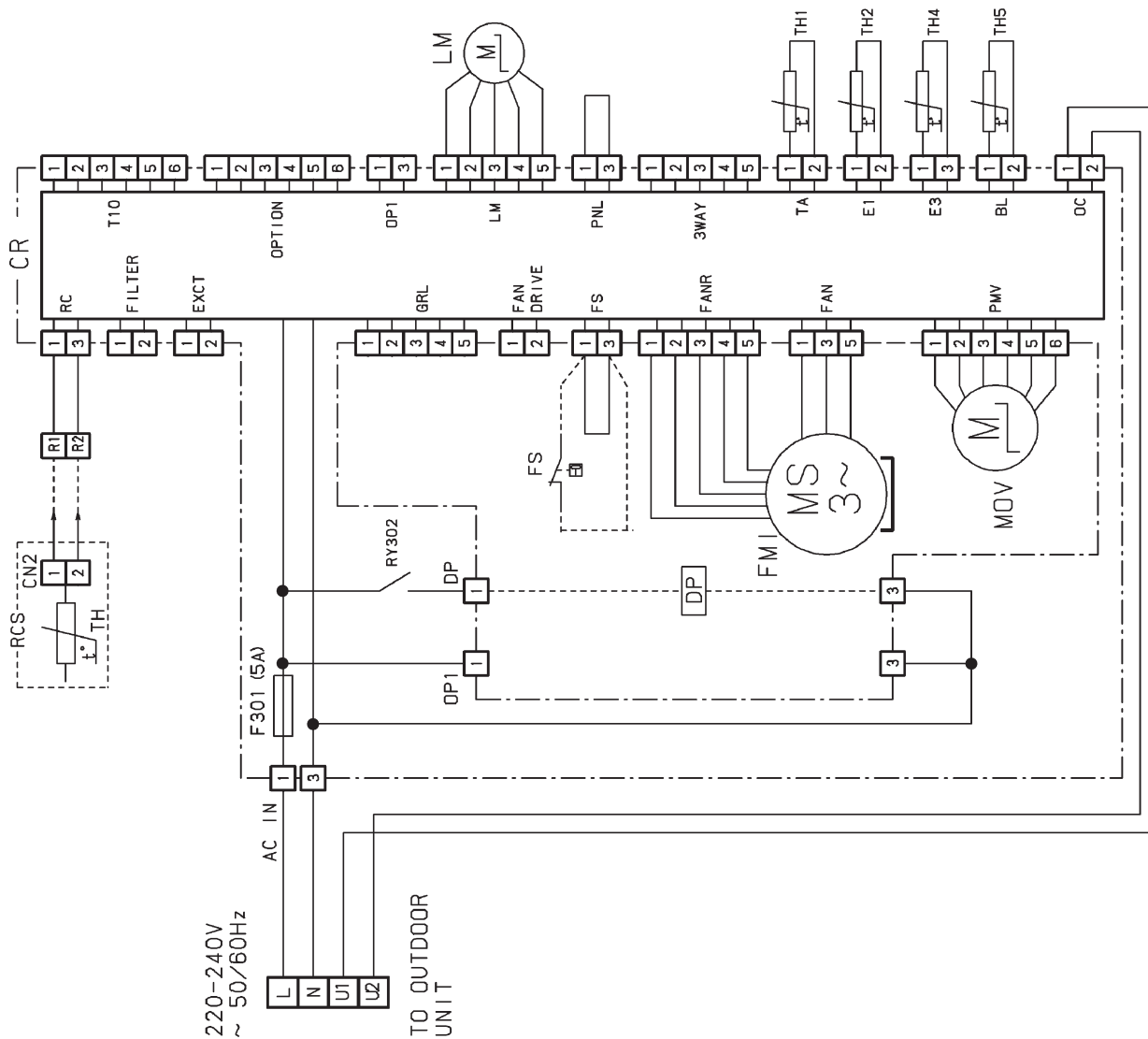
(6) Electric Wiring Diagram S-36MT1E5/45MT1E5/56MT1E5/73MT1E5/106MT1E5/140MT1E5



INDOOR UNIT

Schematic Diagram S-36MT1E5/45MT1E5/56MT1E5/73MT1E5/106MT1E5/140MT1E5

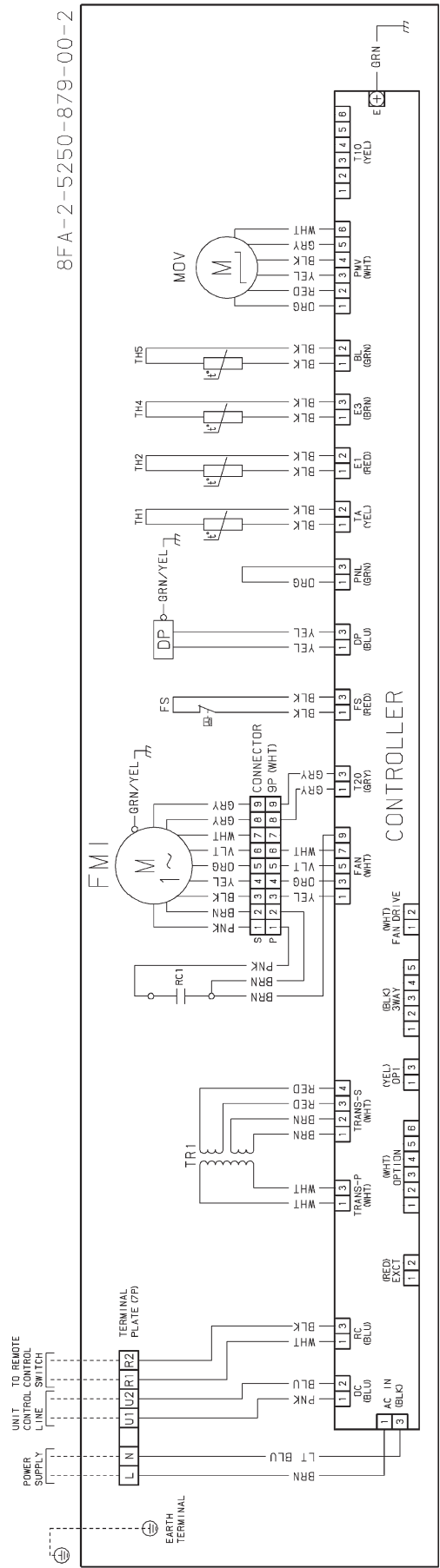
SCHEMATIC DIAGRAM



SYMBOLS	DESCRIPTION
FMI	INDOOR FAN MOTOR
TH1	ROOM THERMISTOR
TH2	THERMISTOR (INDOOR COIL E1)
TH4	THERMISTOR (INDOOR COIL E3)
TH5	THERMISTOR (DISCHARGE AIR)
F301	FUSE
MOV	MOTOR OPERATED VALVE
CR	INDOOR CONTROLLER
LM	AUTO LOUVER MOTOR
RY302	AUXILIARY RELAY
IDP	DRAIN PUMP (OPTION)
(FS)	FLOAT SWITCH (OPTION)
(RCS)	REMOTE CONTROL SWITCH (OPTION) TH: ROOM THERMISTOR
	CONNECTOR, TERMINAL PLATE
	TERMINAL

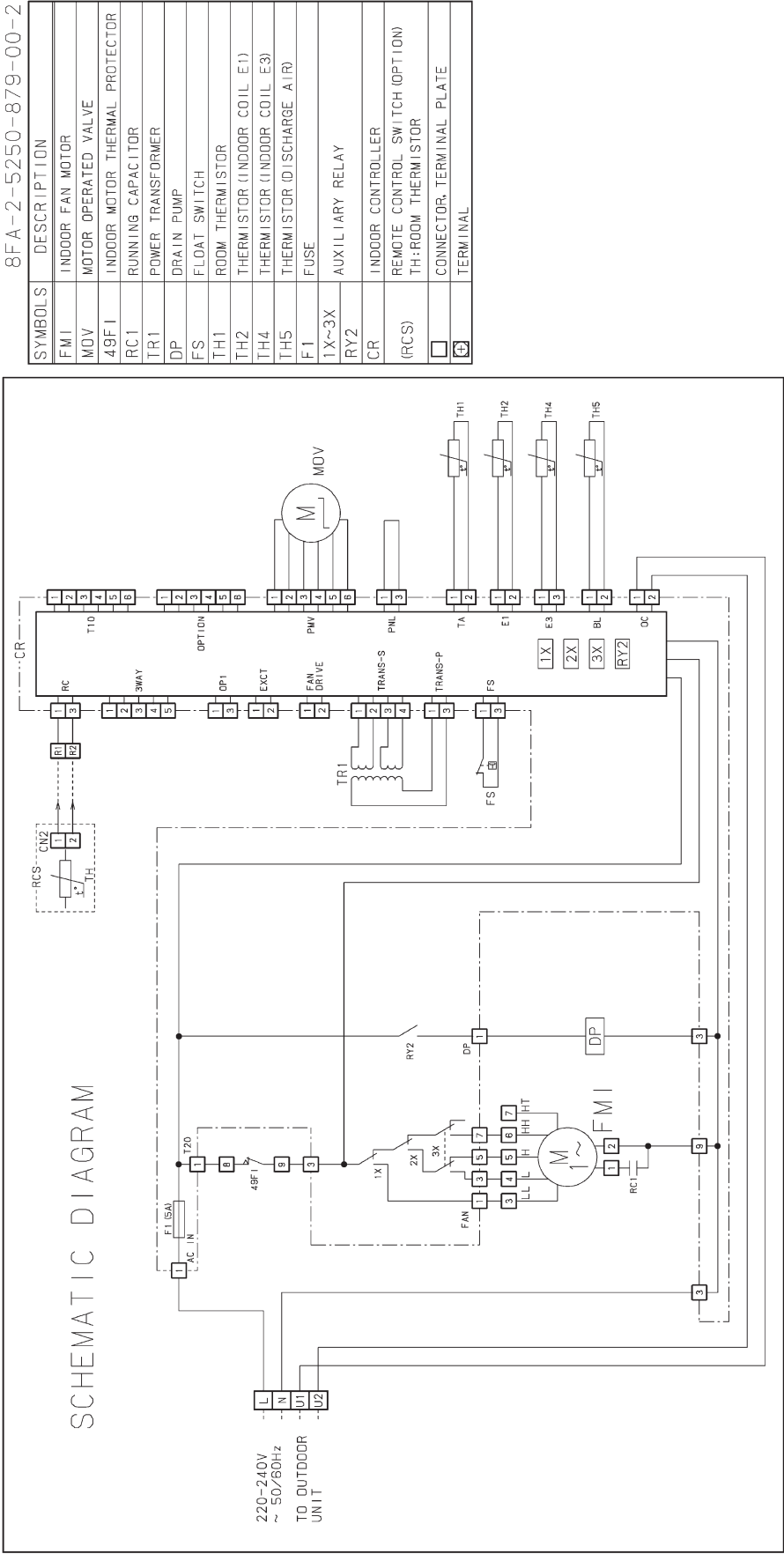
2. Indoor Unit

(7) Electric Wiring Diagram S-22MF1E5/28MF1E5/36MF1E5/45MF1E5/56MF1E5/
73MF1E5/90MF1E5/106MF1E5/140MF1E5/160MF1E5



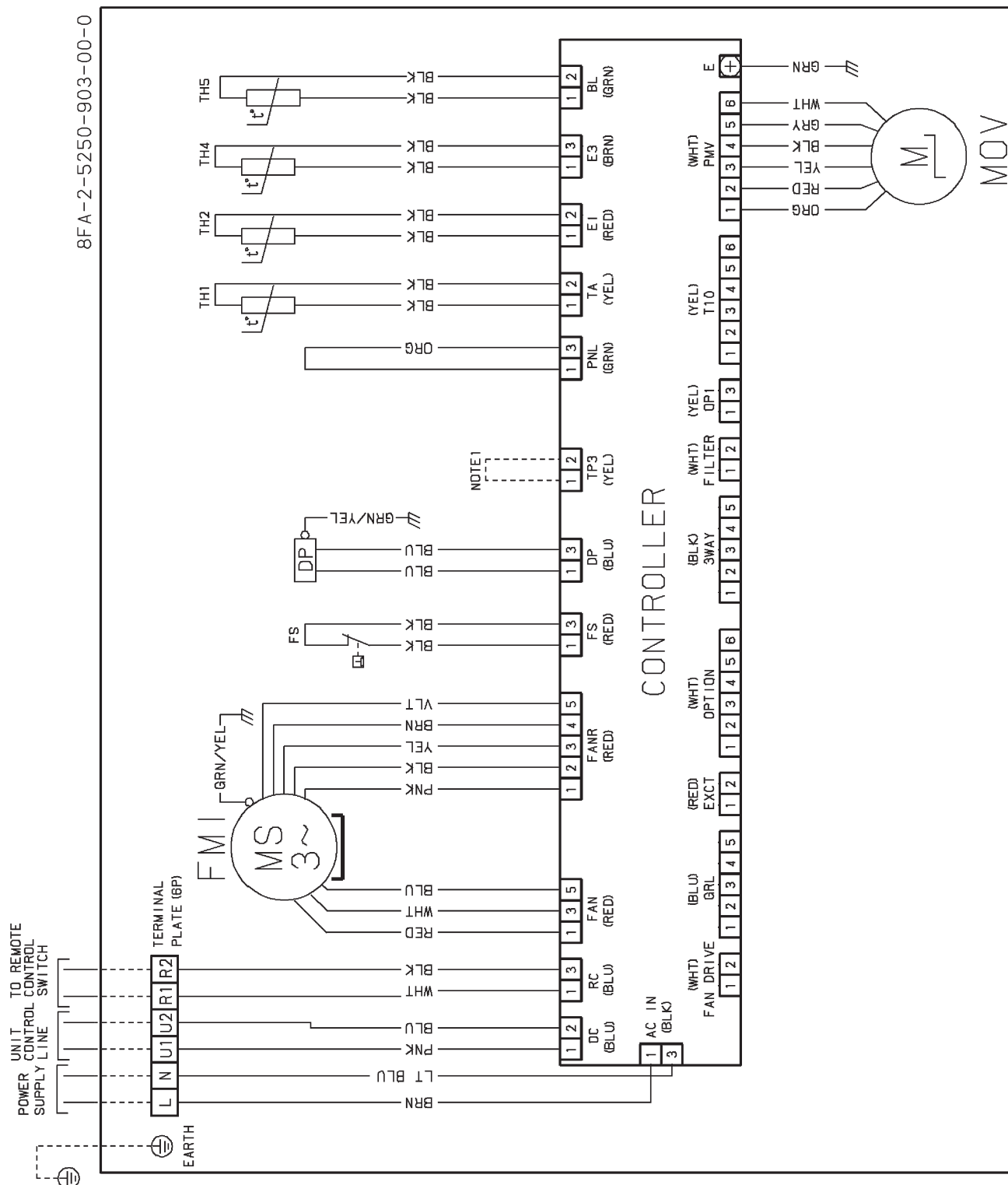
2. Indoor Unit

Schematic Diagram S-22MF1E5/28MF1E5/36MF1E5/45MF1E5/56MF1E5/
73MF1E5/90MF1E5/106MF1E5/140MF1E5/160MF1E5



2. Indoor Unit

(8) Electric Wiring Diagram S-22MM1E5/28MM1E5/36MM1E5/45MM1E5/56MM1E5



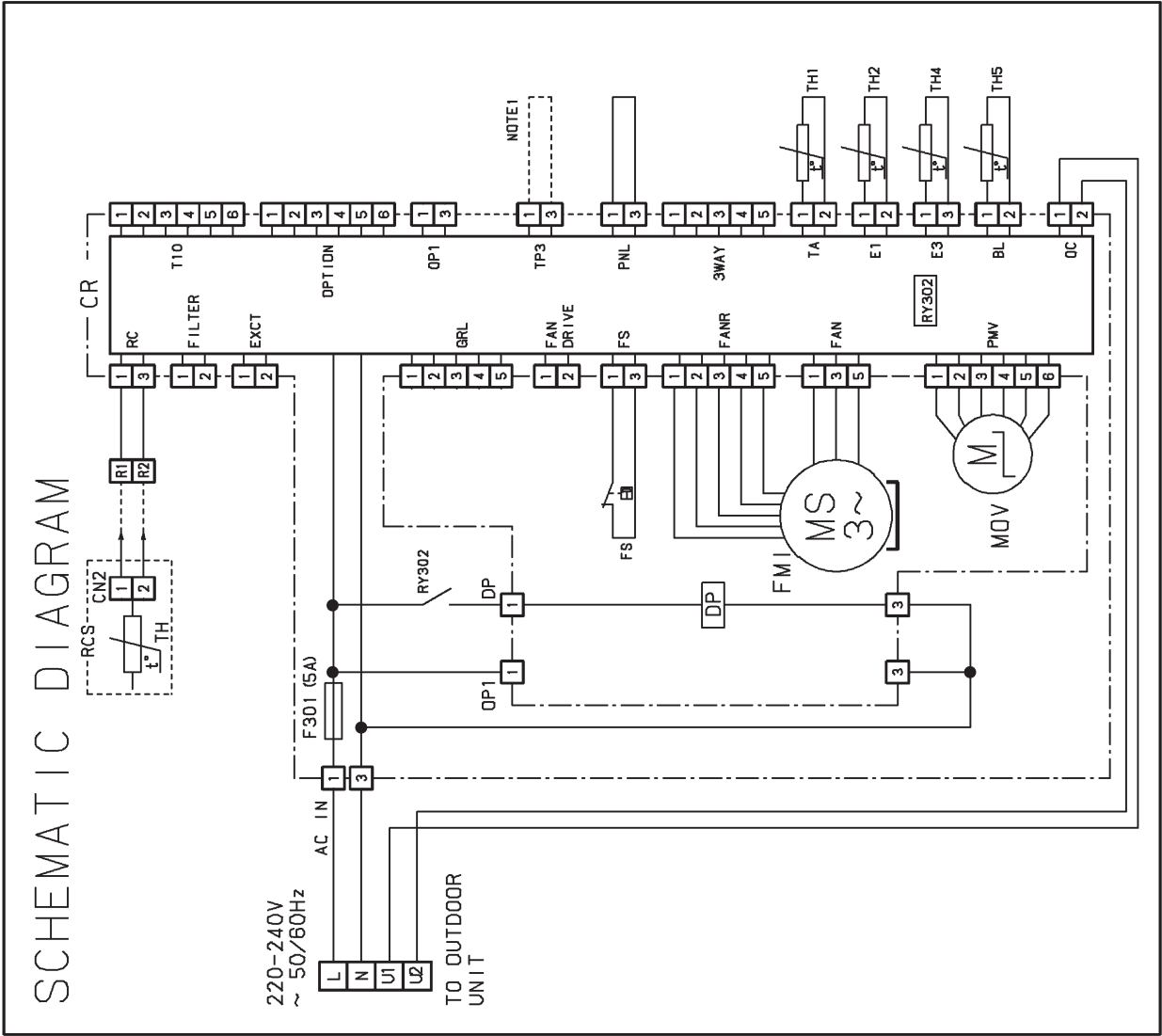
2. Indoor Unit

Schematic Diagram S-22MM1E5/28MM1E5/36MM1E5/45MM1E5/56MM1E5

8FA-2-5250-903-00-0

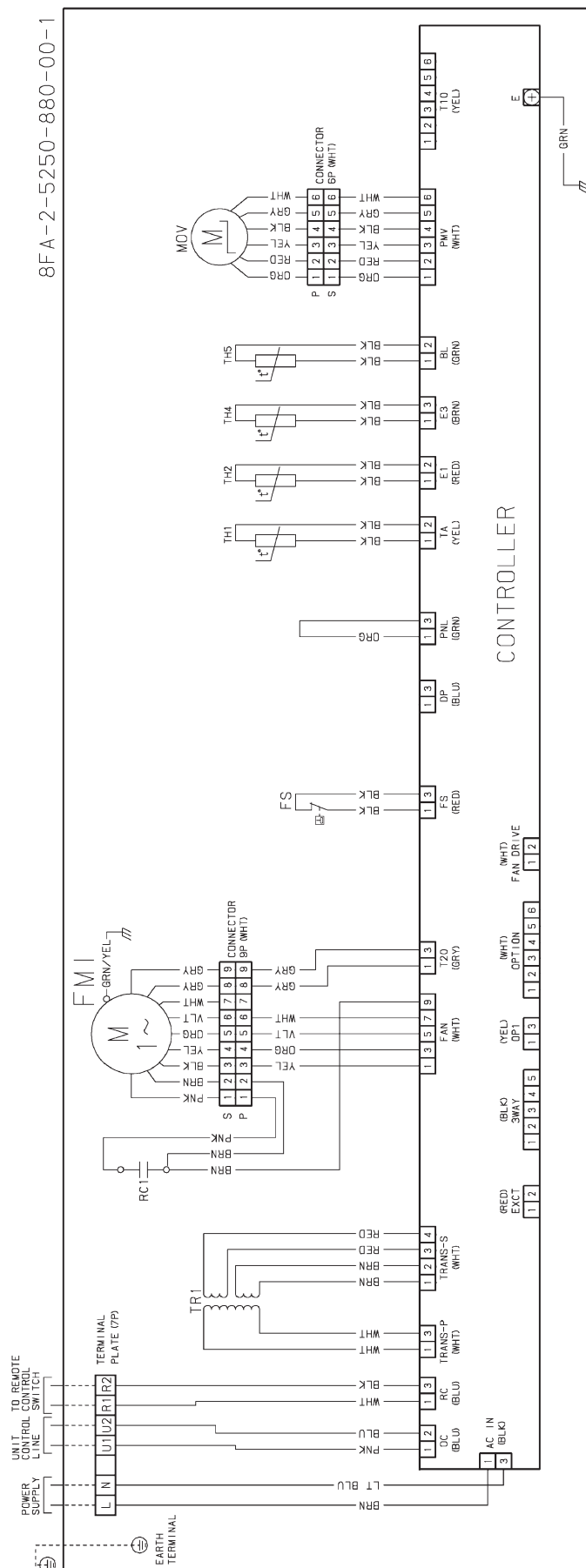
SYMBOLS	DESCRIPTION
FMI	INDOOR FAN MOTOR
TH1	ROOM THERMISTOR
TH2	THERMISTOR (INDOOR COIL E1)
TH4	THERMISTOR (INDOOR COIL E3)
TH5	THERMISTOR (DISCHARGE AIR)
F301	FUSE
MOV	MOTOR OPERATED VALVE
CR	INDOOR CONTROLLER
RY302	AUXILIARY RELAY
DP	DRAIN PUMP
FS	FLOAT SWITCH
(RCS)	REMOTE CONTROL SWITCH (OPTION)
TH:ROOM THERMISTOR	
	CONNECTOR, TERMINAL PLATE
	TERMINAL

NOTE1
When using with high static pressure mode, short circuit the FAN-TAP, TP3 (2P:Yellow) on the PCB by the 2P connectors attached to the rear of the lid of the box.



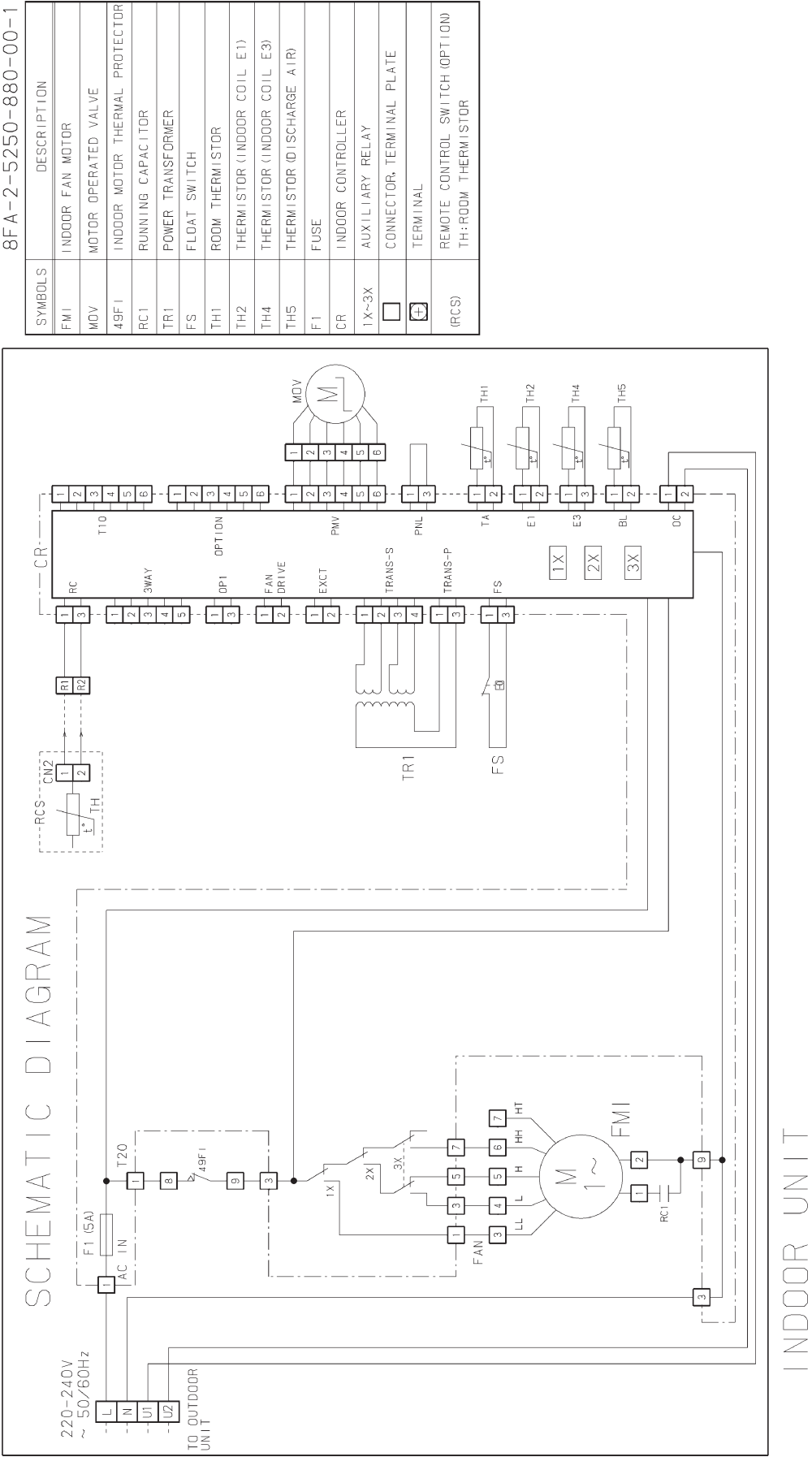
2. Indoor Unit

(9)-1 Electric Wiring Diagram S-73ME1E5



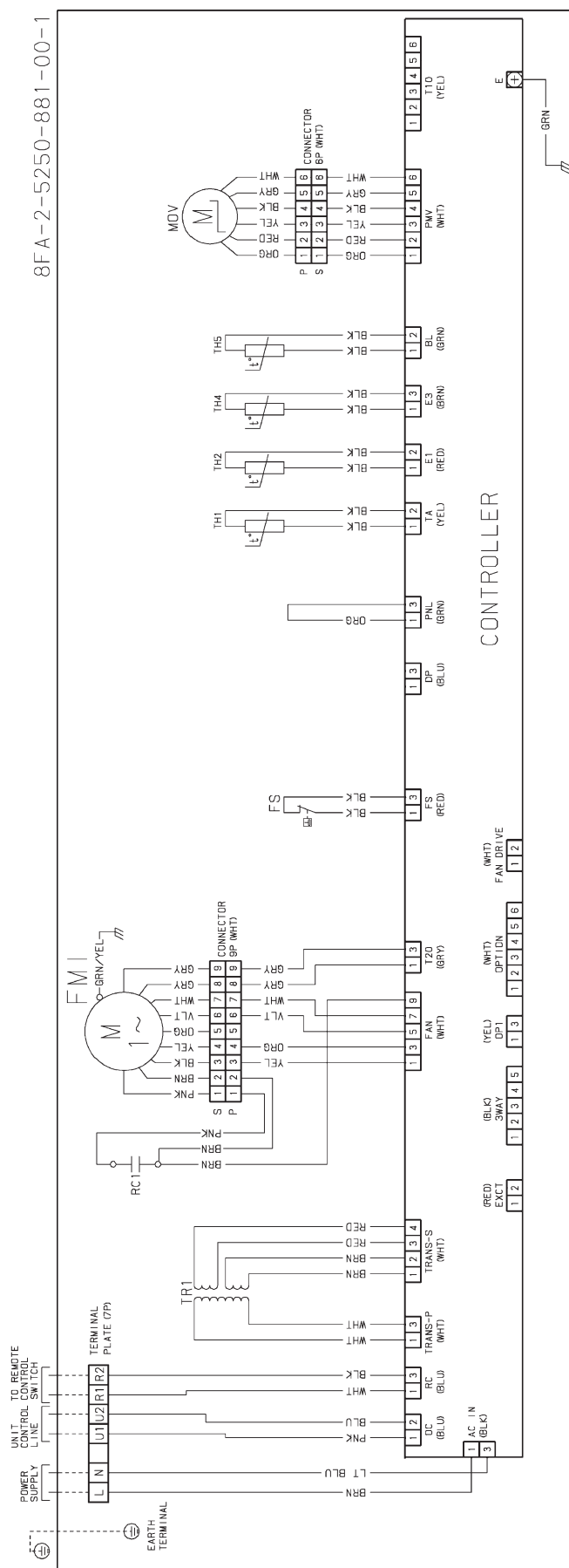
2. Indoor Unit

Schematic Diagram S-73ME1E5



2. Indoor Unit

(9)-2 Electric Wiring Diagram S-106ME1E5

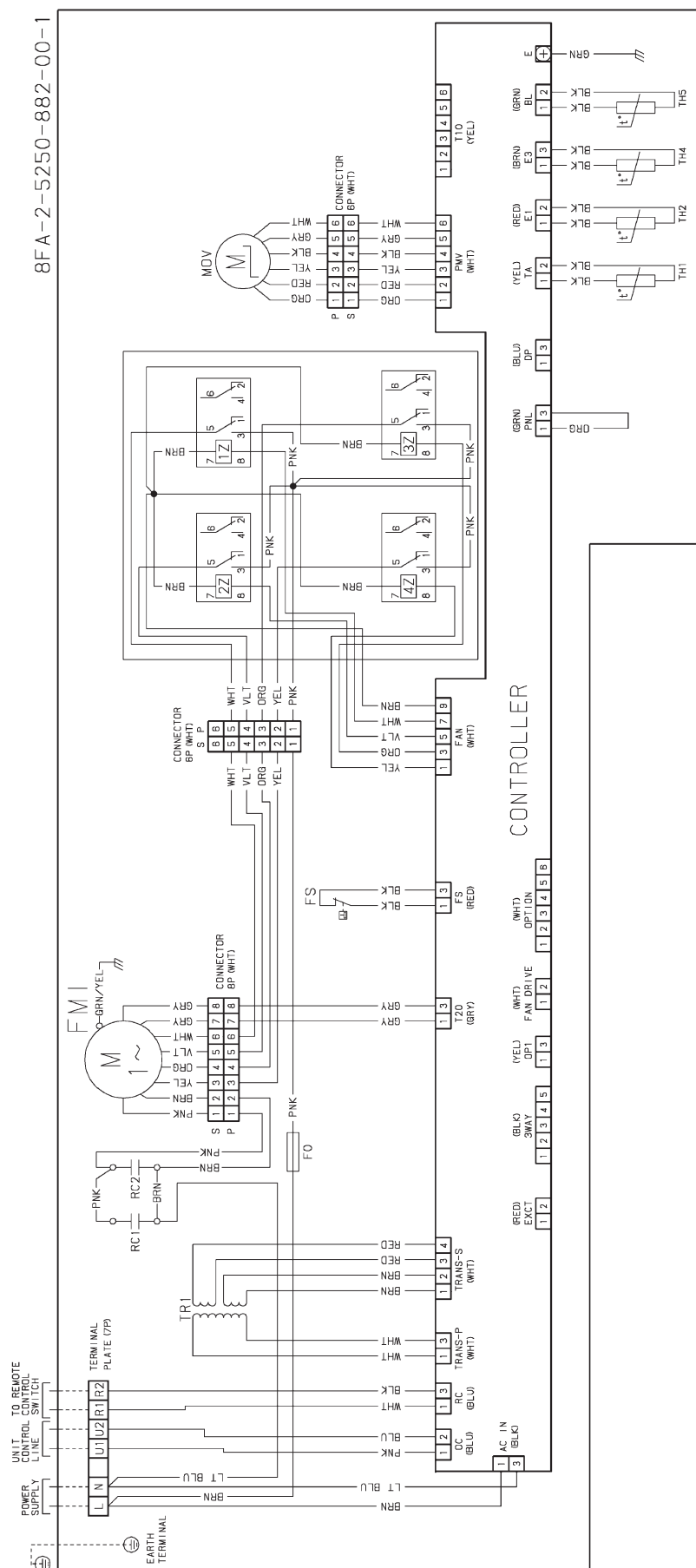


Schematic Diagram S-106ME1E5



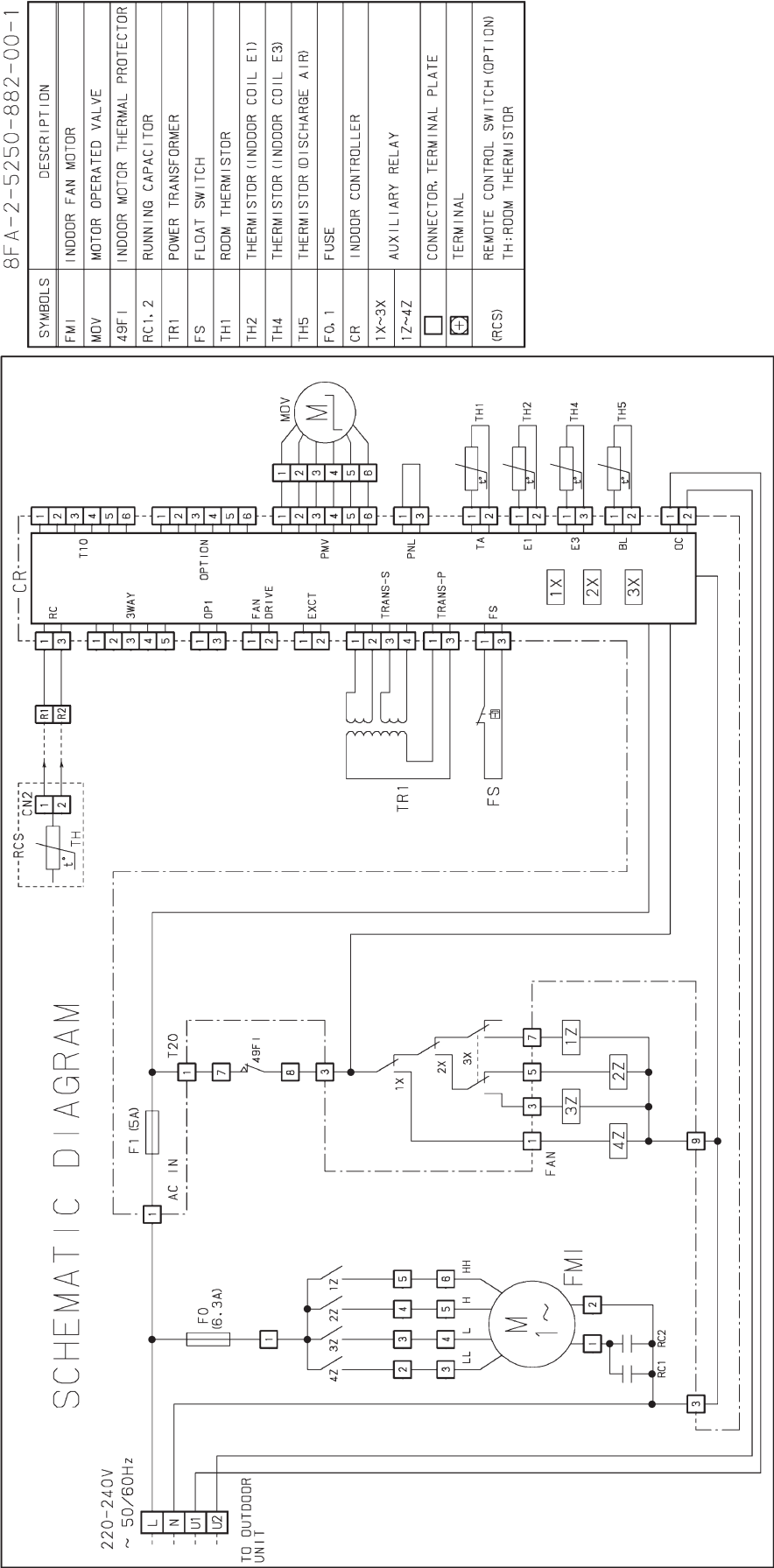
2. Indoor Unit

(9)-3 Electric Wiring Diagram S-140ME1E5



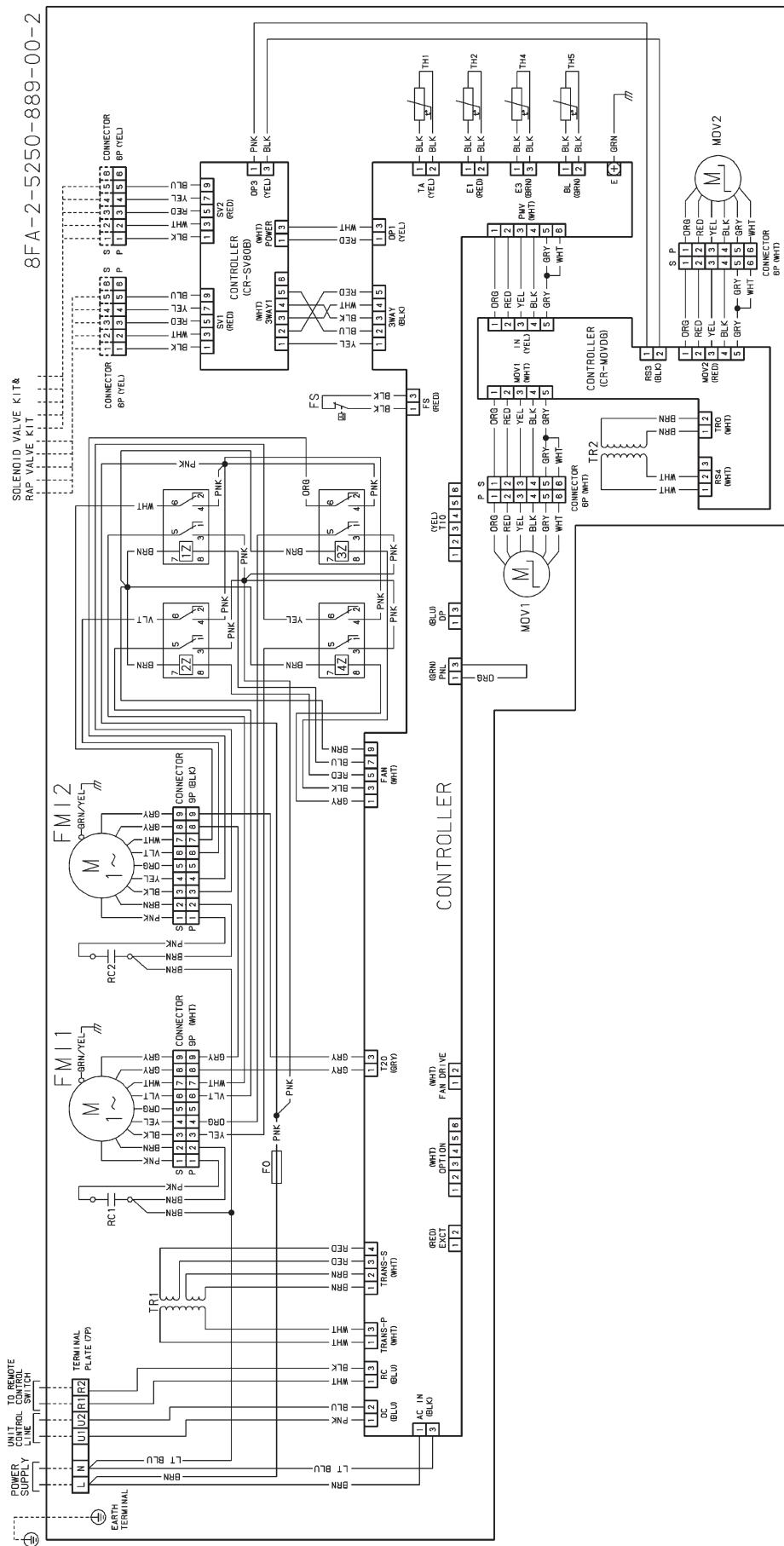
2. Indoor Unit

Schematic Diagram S-140ME1E5



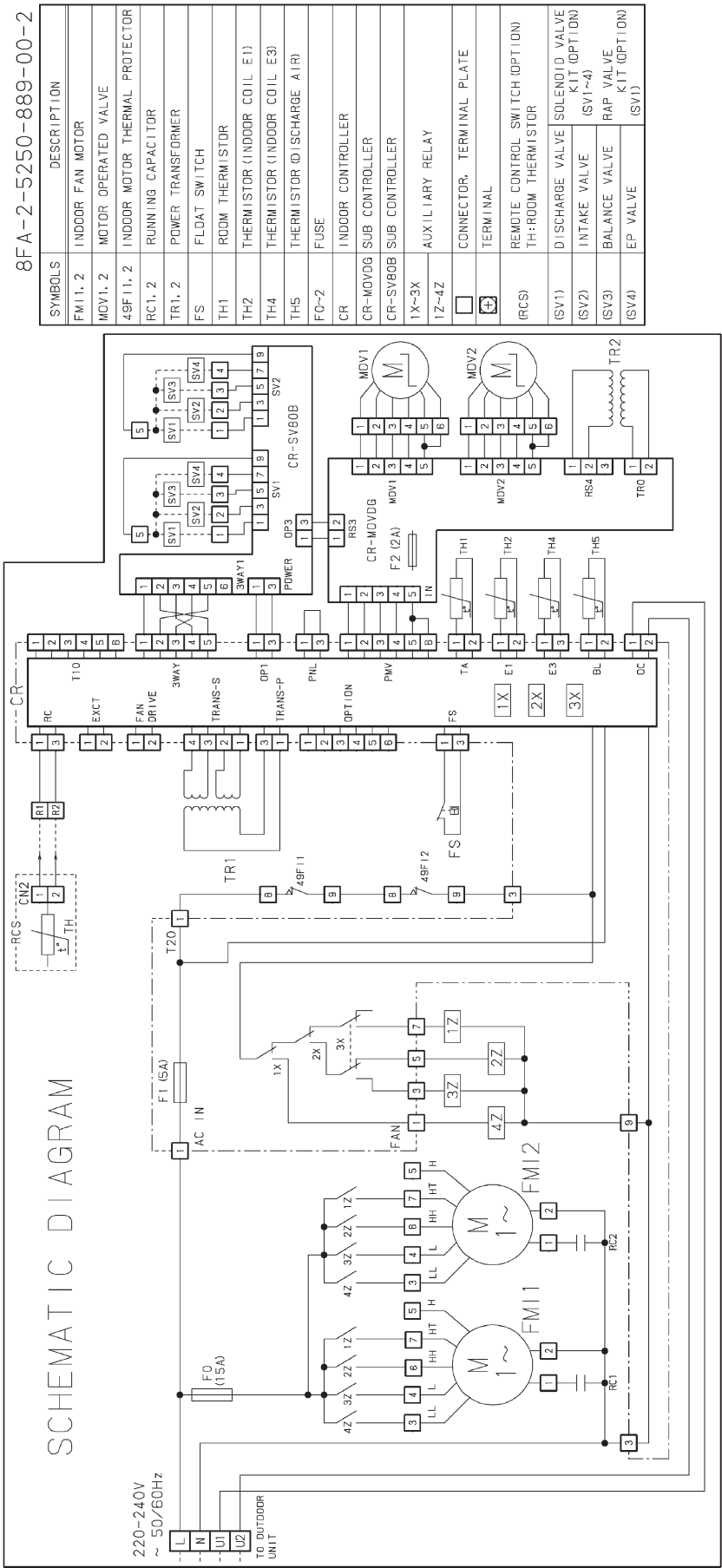
2. Indoor Unit

(9)-4 Electric Wiring Diagram S-224ME1E5



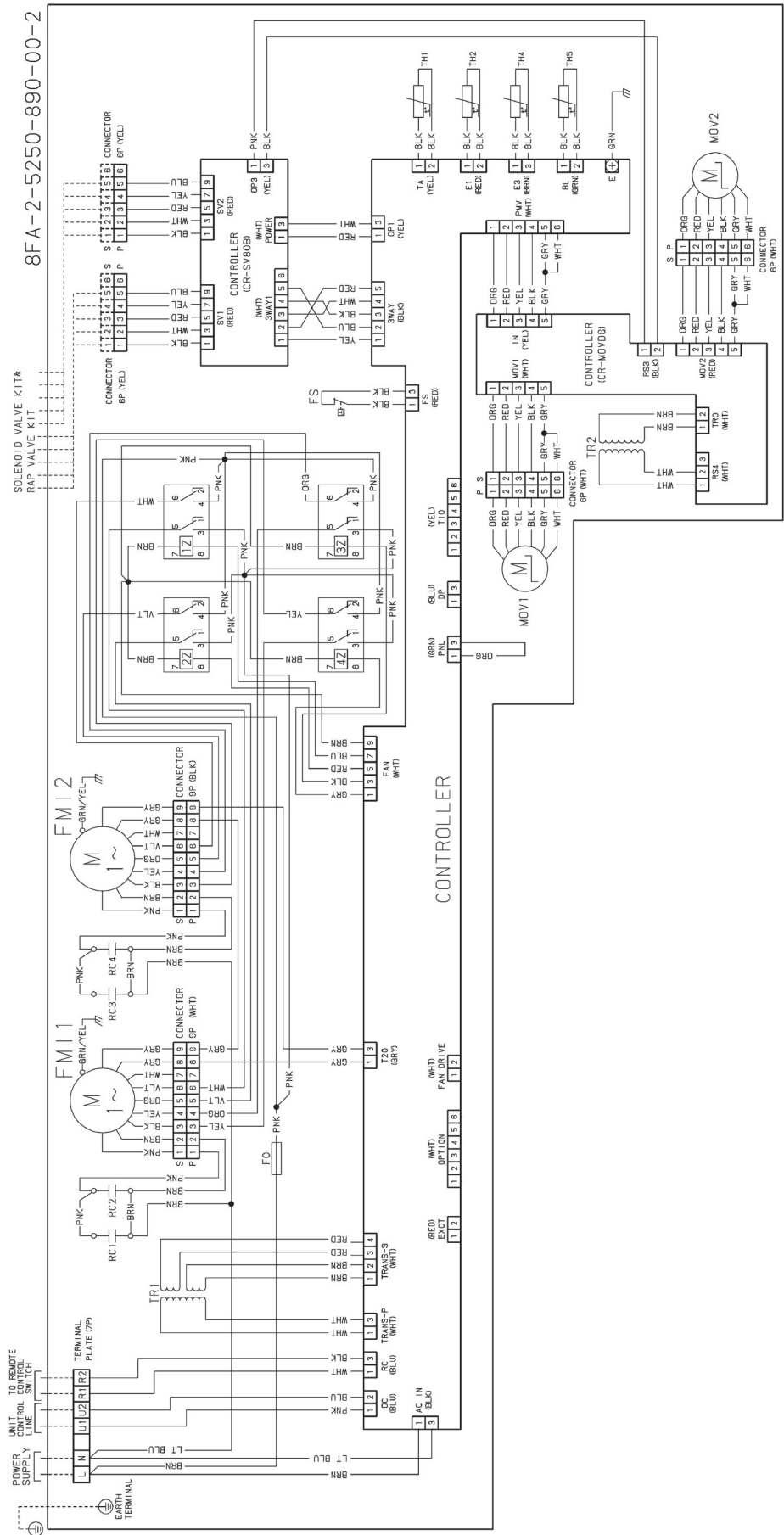
2. Indoor Unit

Schematic Diagram S-224ME1E5



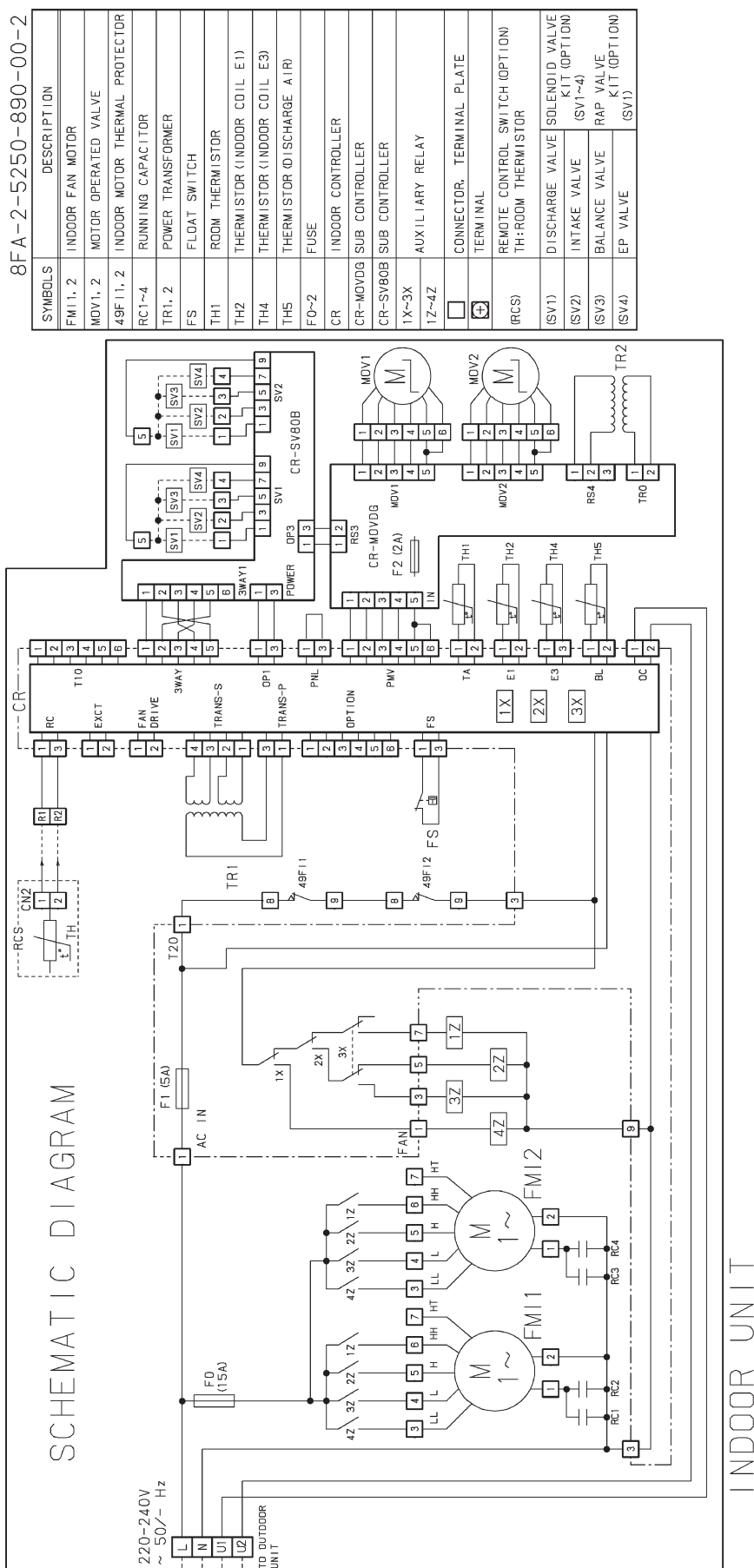
2. Indoor Unit

(9)-5 Electric Wiring Diagram S-280ME1E5



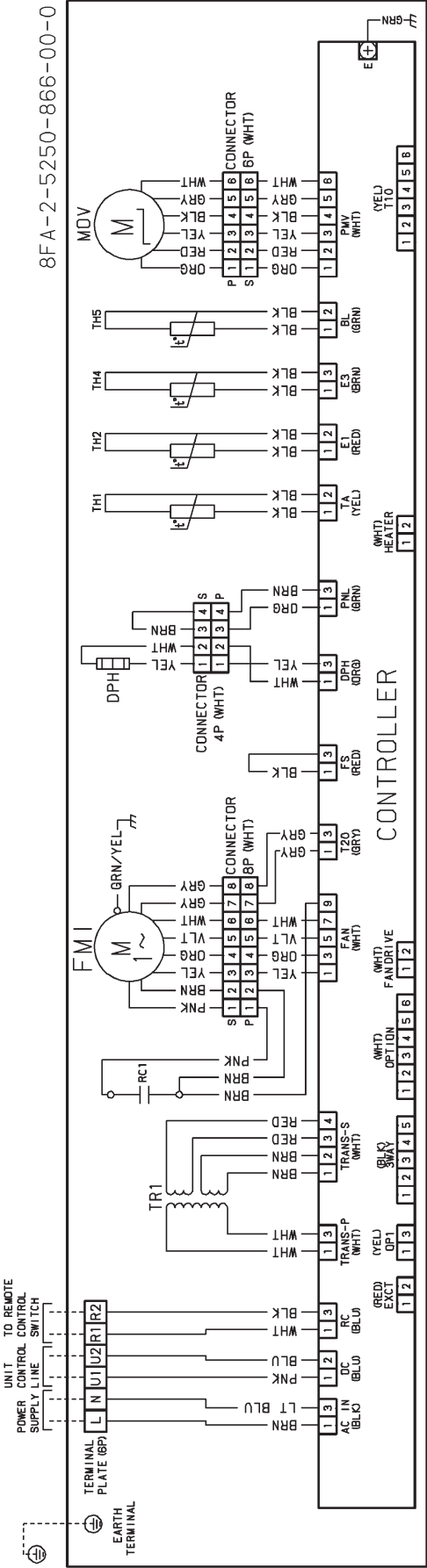
2. Indoor Unit

Schematic Diagram S-280ME1E5



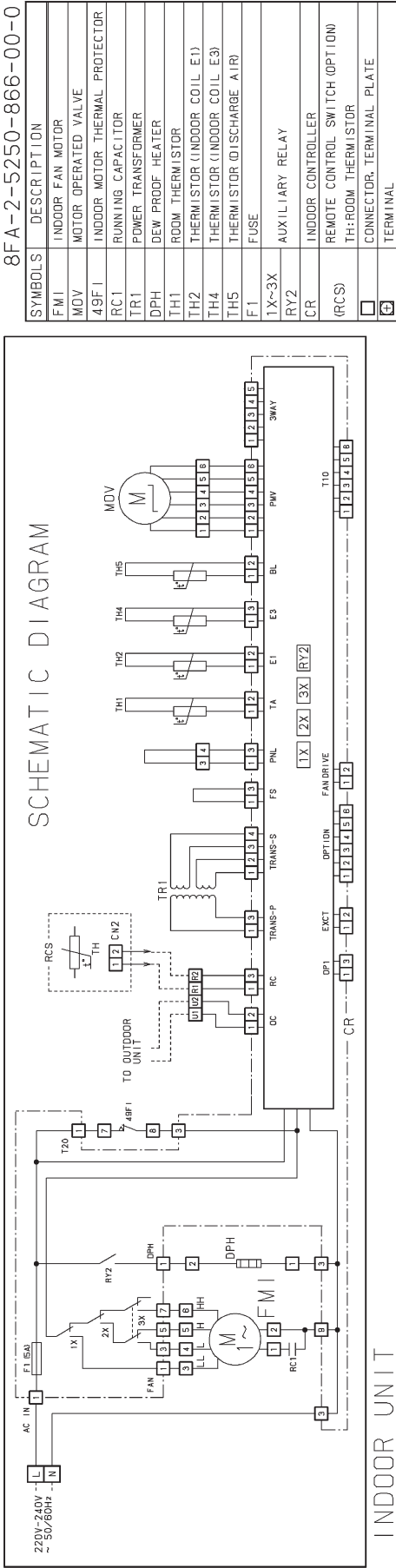
2. Indoor Unit

(10) Electric Wiring Diagram S-22MP1E5/28MP1E5/36MP1E5/45MP1E5/56MP1E5/71MP1E5



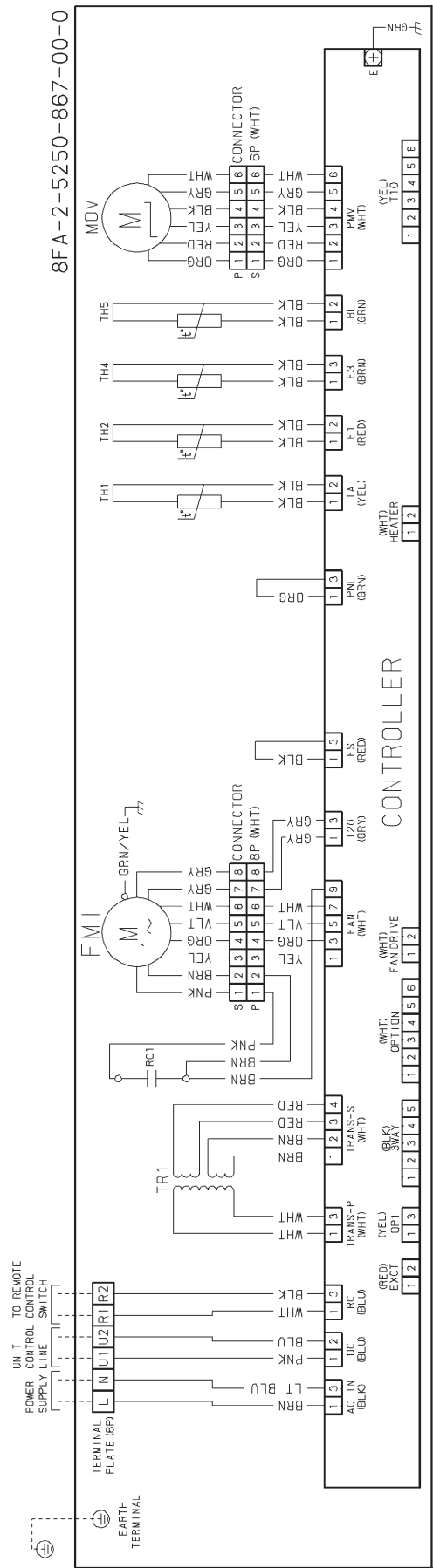
2. Indoor Unit

Schematic Diagram S-22MP1E5/28MP1E5/36MP1E5/45MP1E5/56MP1E5/71MP1E5



2. Indoor Unit

(11) Electric Wiring Diagram S-22MR1E5/28MR1E5/36MR1E5/45MR1E5/56MR1E5/71MR1E5



2. Indoor Unit

Schematic Diagram S-22MR1E5/28MR1E5/36MR1E5/45MR1E5/56MR1E5/71MR1E5

