

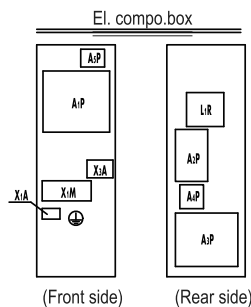
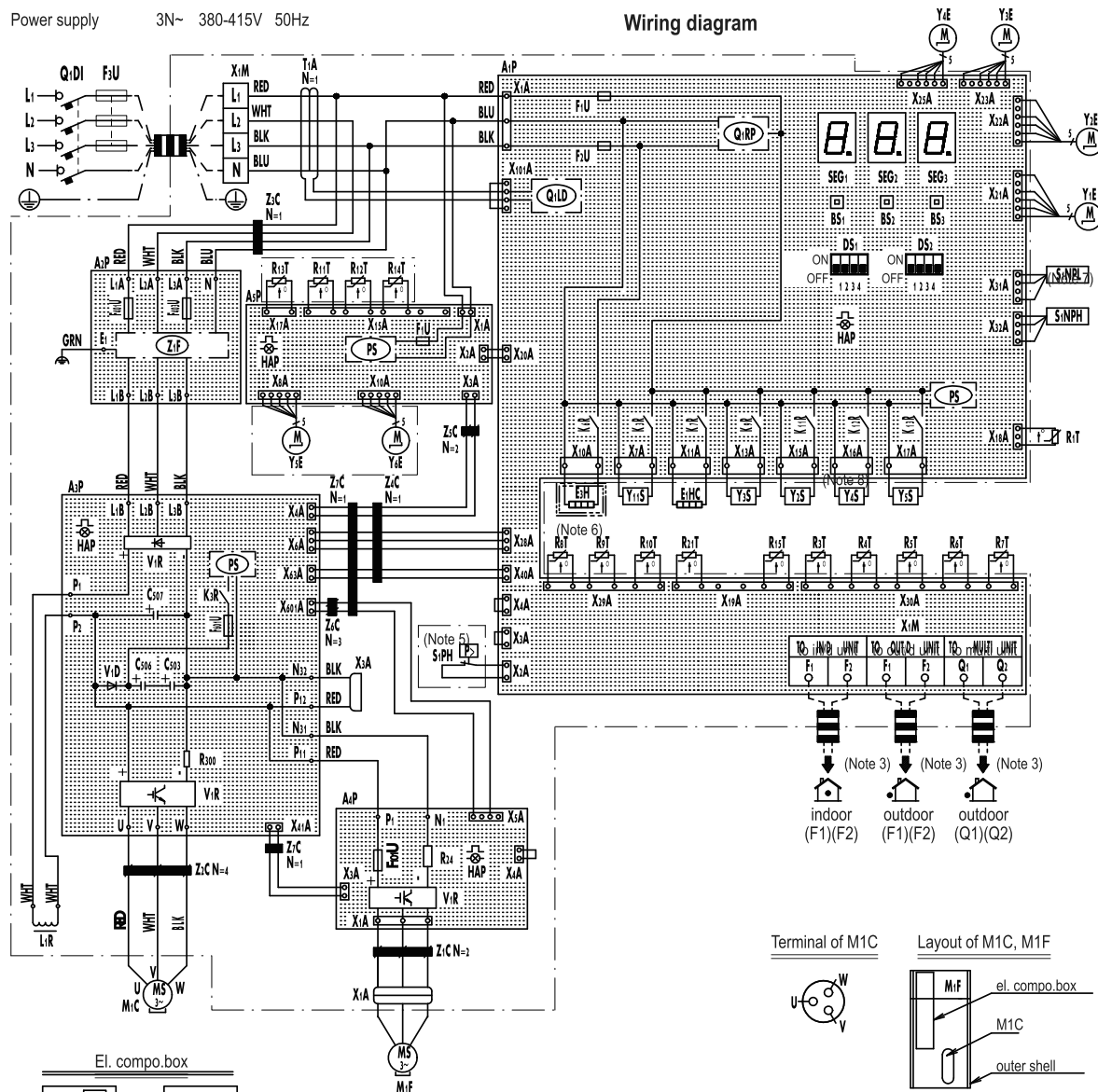
9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase

REMQ5U REYQ8-12U

Power supply 3N~ 380-415V 50Hz

Wiring diagram

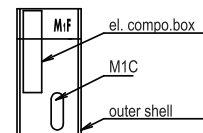


5,8,10,12 class

Terminal of M1C



Layout of M1C, M1F



2D120651A

9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase

9

REMQ5U REYQ8-12U

A1P	Printed Circuit Board (Main)	R6T	Thermistor (Subcool Heat Exc.gas)
A2P	Printed Circuit Board (Noise Filter)	R7T	Thermistor (Subcool Heat Exc.liq)
A3P	Printed Circuit Board (Inv)	R8T	Thermistor (Heat Exc.gas Upper)
A4P	Printed Circuit Board (Fan)	R9T	Thermistor (Heat Exc.gas.lower)
A5P	Printed Circuit Board (Sub)	R10T	Thermistor (Suction)
BS1~3 (A1P)	Push Button Switch (Mode,Set,Return)	R11T	Thermistor (Heat Exc. Deicer)
C503,C506,C507 (A3P)	Capacitor	R12T	Thermistor (Suction Compressor)
DS1,DS2 (A1P)	DIP Switch	R13T	Thermistor (Receiver Gas)
E1HC	Crankcase Heater	R14T	Thermistor (Auto Charge)
E3H	Drainpan Heater (Option)	R15T	Thermistor (Compressor Body)
F1U,F2U (A1P)	Fuse (T,3,15A,250V)	R21T	Thermistor (M1C discharge)
F3U	Field Fuse	S1NPH	Pressure Sensor (High)
F101U (A4P)	Fuse	S1NPL	Pressure Sensor (Low)
F401U,F403U (A2P)	Fuse	S1PH	Pressure Switch (Disch)
F601U (A3P)	Fuse	SEG1~SEG3 (A1P)	7-Segment Display
HAP (A1P,A3P, A4P,A5P)	Pilotlamp (Service Monitor-Green)	T1A	Current Sensor
K3R (A1P)	Magnetic Relay (Y11S)	V1D (A3P)	Diode
K6R (A1P)	Magnetic Relay (E3H)	V1R (A3P,A4P)	Power Module
K7R (A1P)	Magnetic Relay (E1HC)	X*A	Connector
K9R (A1P)	Magnetic Relay (Y3S)	X1M	Terminal Block
K11R (A1P)	Magnetic Relay (Y2S)	X1M (A1P)	Terminal Block (Control)
K12R (A1P)	Magnetic Relay (Y4S)	Y1E	Electr. Exp. Valve (Heat Exc. Upper)
K13R (A1P)	Magnetic Relay (Y5S)	Y2E	Electr. Exp. Valve (Subcool Heat Exc.)
L1R	Reactor	Y3E	Electr. Exp. Valve (Heat Exc. Lower)
M1C	Motor (Compressor)	Y4E	Electr. Exp. Valve (Receiver Gas)
M1F	Motor (Fan)	Y5E	Electr. Exp. Valve (Inverter Cooling)
PS (A1P,A3P,A5P)	Switching Power Supply	Y6E	Electr. Exp. Valve (Auto Charge)
Q1DI	Field Earth Leakage Breaker	Y2S	Solenoid Valve (Liq.pipe)
Q1LD (A1P)	Field Earth Current Detector	Y3S	Solenoid Valve (HP/LP Gas Pipe)
Q1RP	Phase Reversal Detect Circuit (A1P)	Y4S	Solenoid Valve (Heat Exc.lower)
R24 (A4P)	Resistor (Current Sensor)	Y5S	Solenoid Valve (Heat Exc.upper)
R300 (A3P)	Resistor (Current Sensor)	Y11S	Solenoid Valve (M1C Oil Return)
R1T	Thermistor (Air)	Z*C	Noise Filter (Ferrite Core)
R3T	Thermistor (LIQ.MAIN)	Z*F (A2P)	Noise Filter (With Surge Absorber)
R4T	THERMISTOR (HEAT EXC.LIQ.UPPER)	Connector For Optional Accessories	
R5T	THERMISTOR (HEAT EXC.LIQ.LOWER)	X10A	Connector (Bottomplate Heater)

NOTES

1. This wiring diagram applies only to the outdoor unit.
2. : field wiring, : terminal block, : connector, : terminal, : protective earth (screw), : functional earth, : earth wiring, : field supply, : PCB, : switch box, : option
3. For connection wiring to indoor-outdoor transmission F1-F2, outdoor-outdoor transmission F1-F2, outdoor-multi transmission Q1-Q2, refer to the installation manual.
4. How to use BS1~3 switch. Refer to "service precaution" label on el. compo. box cover.
5. When operating, don't shortcircuit the protection devices (S1PH).
6. When using the optional accessory, refer to the installation manual of the optional accessory.
7. Colors: BLK: Black, RED: Red, BLU: Blue, WHT: White, GRN: Green.

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