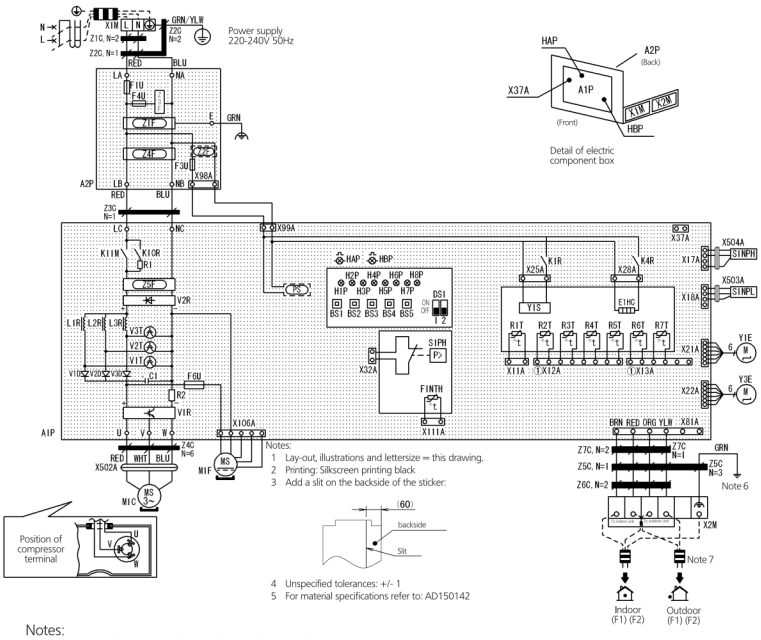
9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

RXYSCQ-TV1

E1HC	: Crankcase heater
A1P	: Printed circuit board (Main)
A2P	: Printed circuit board
BS1~BS5	: Push button switch
C1	: Capacitor
DS1	: Dip switch
F1U	: Fuse
F3U	: Fuse (T 6.3A / 250V)
F4U	: Fuse (T 6.3A / 250V)
F6U	: Fuse (T 5A / 250V)
H1P~H8P	: Pilot lamp (service monitor-orange) [H2P] Prepare, Test --------- Flickering Malfunction Detection -- Light up
HAP	: Pilotlamp (service monitor - green)
HBP	: Pilotlamp (service monitor - green)
K11M	: Magnetic contactor
K1R	: Magnetic relay (Y1S)
K4R	: Magnetic relay (E1HC)
K10R	: Magnetic relay
M1C	: Motor (compressor)
M1F	: Motor (fan)
PS	: Switching power supply
R1	: Resistor
R2	: Resistor
R1T	: Thermistor (Air)
R2T	: Thermistor (Discharge)
R3T	: Thermistor (Suction 1)
R4T	: Thermistor (Heat exchanger)
R5T	: Thermistor (Suction 2)
R6T	: Thermistor (Subcooling H.Ex)
R7T	: Thermistor (Liquid pipe)
FINTH	: Thermistor (Fin)
S1NPH	: Pressure sensor(High)
S1NPL	: Pressure sensor(low)
S1PH	: High pressure switch
V1R	: IGBT power module
V2R	: Diode module
V1T~V3T	: IGBT
V1D~V3D	: Diode
L1R~L3R	: Reactor
X1M	: Terminal strip
X2M	: Terminal strip
Y1E	: Electronic expansion valve
Y3E	: Electronic expansion valve
Y1S	: Solenoid valve (4 way valve)
Z1C~Z7C	: Noise filter (ferrite core)
Z1F~Z5F	: Noise filter
X37A	: Connector



Notes:
1. This wiring diagram only applies to the outdoor unit.
2. :Field wiring :Terminal block, : Connector, : Movable connector, : Fixed connector, : Terminal, :Protective earth (screw), Noiseless earth
3. Refer to the installation manual on how to use BS1 - BS5 and DS1, DS2 switch.
4. When operating, do not short circuit for protection device. (S1PH)
5. Colours: BLK: Black, RED: Red, BLU: Blue, WHT: White, GRN: Green, BRN: Brown, YLW: Yellow
6. Refer to the installation manual for connection wiring to indoor-outdoor transmission F1 - F2.
7. When using the central control system, connect outdoor-outdoor transmission F1-F2.

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