

- A1P~AP

Printed circuit board
- A1P

Main
- A2P

Noise filter
- A3P

Inverter
- A4P

Fan
- AGP

OA Transmission
- BS1~BS5

Push button switch
(Mode, set, return, test, reset)
- C1

Capacitor
- C63,C66

Capacitor
- DS1,DS2

Dip switch
- E1HC

Crankcase heater
- F101U

Fuse (A4P)
- F1U, F2U

Fuse (Z50V, 3,15A(□)) (A1P)
- F400U

Fuse (Z50V, 6,3A(□)) (A2P)
- H1P~H8P

Pilot lamp (service monitor-orange)
(H2P) Prepare test—flashing
Malfunction detection—light up
Pilot lamp (service monitor - green)
- H4P

Magnetic relay (MTIC) (A3P)
- K1M, K2M

Magnetic contactor (MTIC) (A3P)
- K3R~K7R

Magnetic relay
- K3R

Y1S
- K4R

Y2S
- K5R

Y3S
- K7R

E1HC
- L1R

Reactor
- M1C

Motor (Compressor)
- M1F

Motor (Fan)
- PS

Switching power supply (A1P, A3P)
- Q1RP

Phase reversal detect circuit
- Q1Q

Earth leakage breaker
- R24

Resistor (current sensor) (A4P)
- R1, R3

Resistor
- R78

Resistor (current limiting)
- R1T~R5T

Thermistor
- R1T

Air (A1P)
- R1T

Fin (A3P)
- R2T

Suction
- R3T

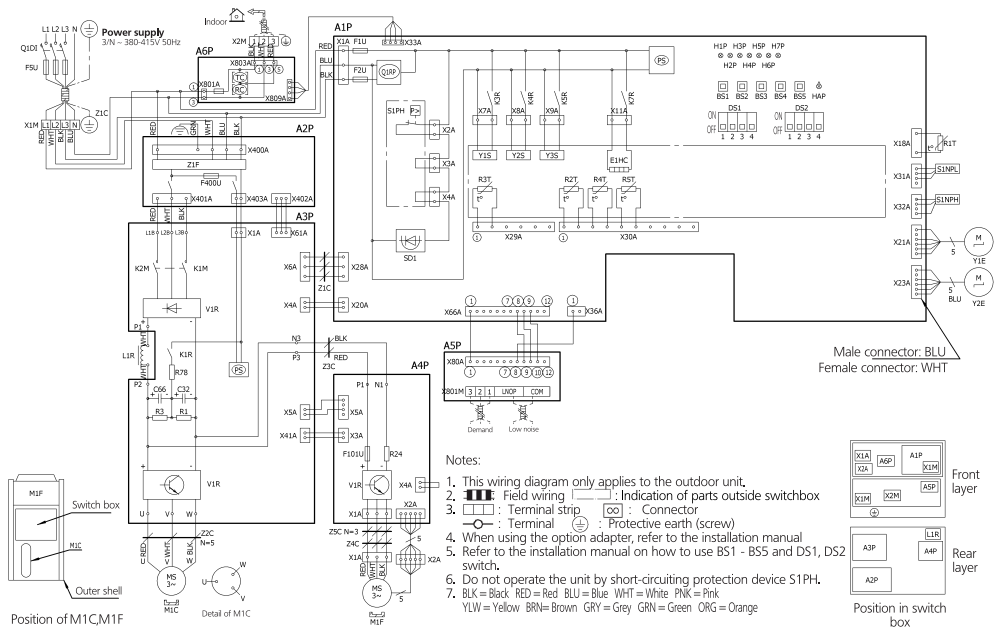
MTIC Discharge
- R4T

Heat exch, deker
- R5T

Sub cool outlet
- RC

Receiver
- S1NPH

Pressure sensor (high)



- Notes:
- This wiring diagram only applies to the outdoor unit.
 - Field wiring : Indication of parts outside switchbox
 - Terminal strip : Connector
 - When using the option adapter, refer to the installation manual
 - Refer to the installation manual on how to use BS1 - BS5 and DS1, DS2 switch.
 - Do not operate the unit by short-circuiting protection device S1PH.
 - BLK = Black RED = Red BLU = Blue WHT = White PNK = Pink
YLW = Yellow BRN = Brown GRY = Grey GRN = Green ORG = Orange

- S1NPL

Pressure sensor (low)
- S1PH

Pressure switch (high)
- SD1

Safety devices input
- TC

Transmitter
- V1R

Power module (A4P)
- V1R

Power module (A3P)
- X1A, X2A

Connector (M1F)
- X1M

Terminal strip (Power supply)
- X2M

Terminal strip (OA Transmission)
- Y1E

Electronic expansion valve (Main)
- Y2E

Electronic expansion valve (Subcool)
- Y1S~Y3S

Solenoid valve
- Y1S

Hot gas receiver gas purge
- Y2S

4-way valve
- Y3S

Noise filter (ferite core)
- Z1C~Z5C

Noise filter (with surge absorber)
- Z1F

Option
- ASP

Printed circuit board (for demand)