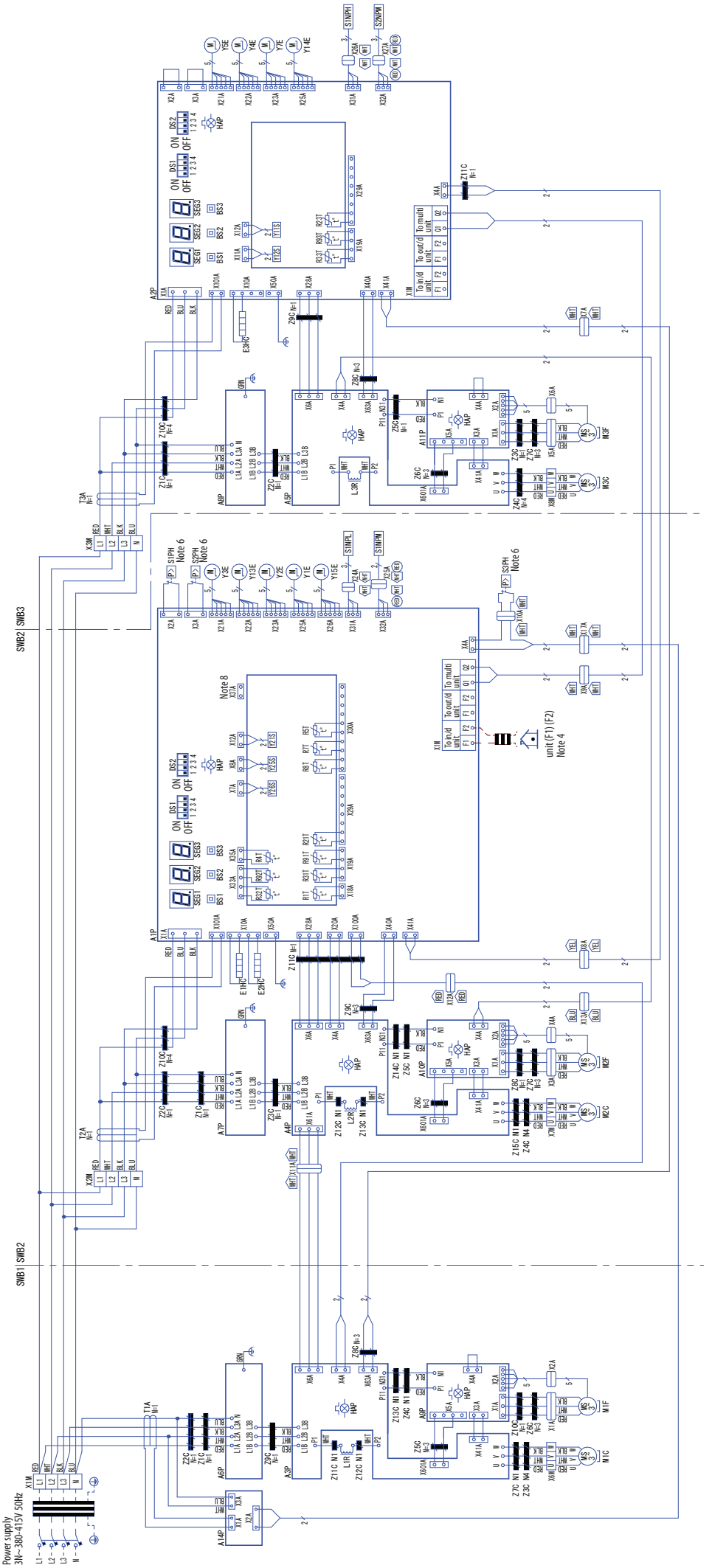
Wiring diagram



NOTES

1. This wiring diagram is applied only to the outdoor unit.
2. ▮▮▮: field wiring
3. ▭▭▭: terminal block, ▭○▭: connector, –○–: terminal, ⏚: protective earth (screw)
4. Refer to the installation manual for indoor-outdoor transmission F1 - F2.
5. Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1 ~ DS2 DIP switches.
6. Don't short circuit the protection device (S1PH, S2PH, S3PH).
7. Colours

BLK	: Black	GRN	: Green
RED	: Red	YLW	: Yellow
BLU	: Blue	PNK	: Pink
WHT	: White		

8. When using the optional adapter, refer to the installation manual of the optional adapter.

A1P	Printed circuit board (main 1)
A2P	Printed circuit board (main 2)
A3P	Printed circuit board (M1C)
A4P	Printed circuit board (M2C)
A5P	Printed circuit board (M3C)
A6P	Printed circuit board (noise filter) (M1C)
A7P	Printed circuit board (noise filter) (M2C)
A8P	Printed circuit board (noise filter) (M3C)
A9P	Printed circuit board (M1F)
A10P	Printed circuit board (M2F)
A11P	Printed circuit board (M3F)
A14P	Printed circuit board (earth leakage detector)
BS*	Push button switch
DS*	Dip switch (A1P)
E1HC	Crankcase heater (M1C)
E2HC	Crankcase heater (M2C)
E3HC	Crankcase heater (M3C)
F1U, F2U	Fuse (T, 6.3A, 250V) (A1P,A2P)
F101U	Fuse (A9P, A10P, A11P)
F401U, F403U	Fuse (T, 6.3A, 250V) (A6P, A7P, A8P)
F601U	Fuse (A3P, A4P, A5P)
HAP	Pilot lamp (service monitor-green) (A1P, A2P, A3P, A4P, A5P, A9P, A10P, A11P)
L1R	Reactor (A3P)
L2R	Reactor (A4P)
L3R	Reactor (A5P)
M1C	Motor (compressor) (inv1)
M2C	Motor (compressor) (inv2)
M3C	Motor (compressor) (inv3)
M1F	Motor (fan1)
M2F	Motor (fan2)
M3F	Motor (fan3)
R1T	Thermistor (air) (A1P)
R21T	Thermistor (M1C suction)
R23T	Thermistor (M3C suction)
R31T	Thermistor (M1C discharge)
R32T	Thermistor (M2C discharge)
R33T	Thermistor (M3C discharge)
R4T	Thermistor (distributor)
R5T	Thermistor (gas-cooler outlet)
R7T	Thermistor (liquid)
R8T	Thermistor (sub-cool heat exchanger outlet)
R91T	Thermistor (M1C body)
R92T	Thermistor (M2C body)
R93T	Thermistor (M3C body)
S1NPH	High pressure sensor
S1NPM	Medium pressure sensor (liquid)
S2NPM	Medium pressure sensor (M3C suction)
S1NPL	Low pressure sensor (refrigeration)
S1PH	Pressure switch (high pressure protection) (M1C)
S2PH	Pressure switch (high pressure protection) (M2C)
S3PH	Pressure switch (high pressure protection) (M3C)
SEG*	7-segment display (A1P, A2P)
T1A	Current sensor (A14P)
T2A	Current sensor (A1P)
T3A	Current sensor (A2P)
X*A	Connector
X*M	Terminal block
Y1E	Electronic expansion valve (transcritical)
Y2E	Electronic expansion valve (economizer)
Y3E	Electronic expansion valve (oil return) (M1C)
Y4E	Electronic expansion valve (oil return) (M2C)
Y5E	Electronic expansion valve (oil return) (M3C)
Y7E	Electronic expansion valve (gas relief)
Y13E	Electronic expansion valve (outdoor evaporation)
Y14E	Electronic expansion valve (suction oil return) (M1C)
Y15E	Electronic expansion valve (back-up inv3)
Y11S	Solenoid valve (IC four way valve left)
Y12S	Solenoid valve (IC four way valve right)
Y21S	Solenoid valve (pressure equalizer)
Y25S	Solenoid valve (main four way valve left)
Y26S	Solenoid valve (main four way valve right
Z*C	Ferrite core