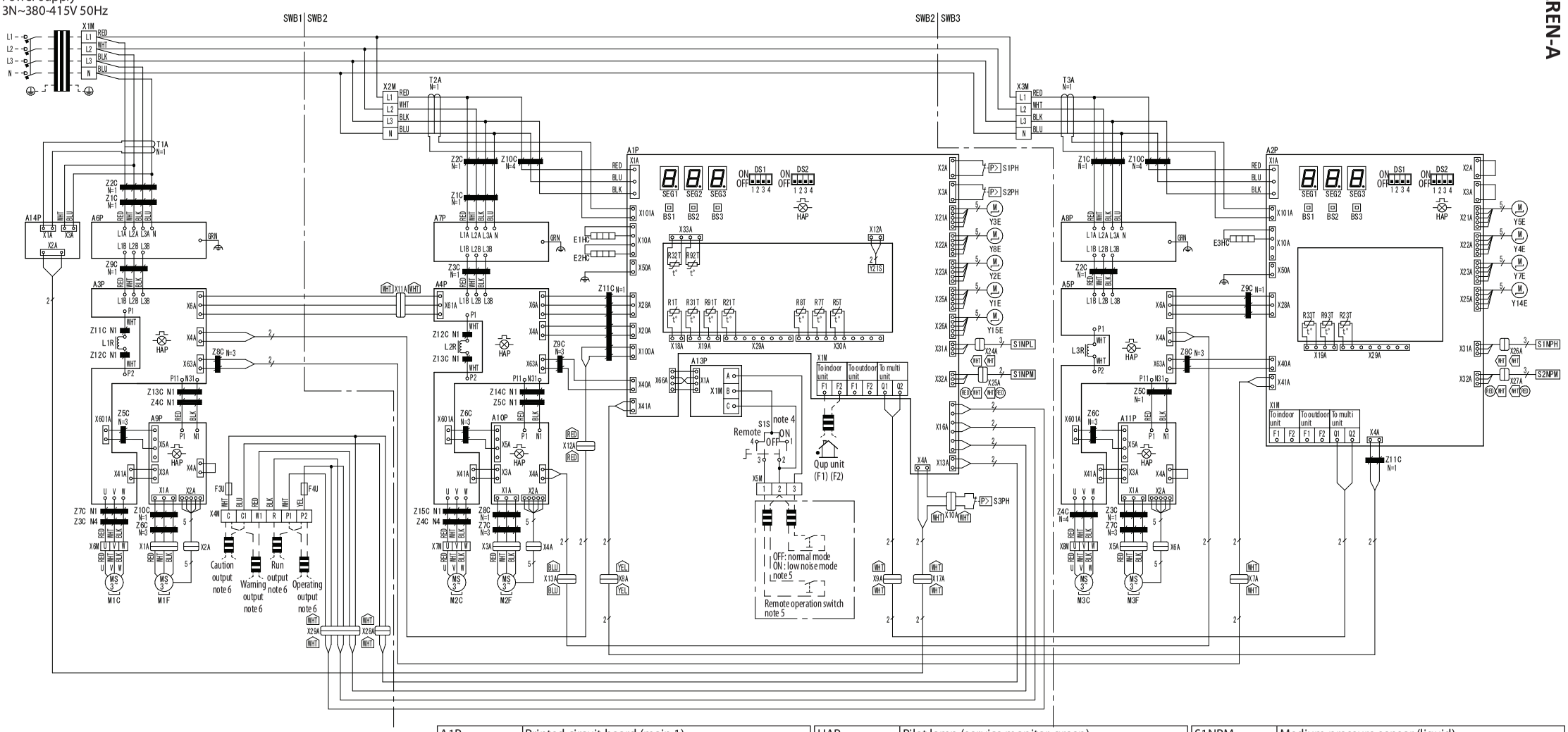

NOTES

1. This wiring diagram is applied only to the outdoor unit.
2. ⊐▮▮▮⊏: Field wiring
3. ☐☐☐☐: Terminal block, ⊙⊙: Connector, –○–: Terminal, ⏚: Protective earth (screw)
4. Initial setting is "OFF". Set "ON" or "REMOTE" to operate.
5. Use dry contact for micro-current to use the remote switch. (1mA or less,DC12V) Refer to the technical data for how to use a remote switch.
6. The capacity of contact is AC220~240V, 0.5A. (Total of caution output, warning output, run output and operation output)
7. How to use BS1~3, DS1 and DS2 switch, refer to "service precautions" label on electric component box cover.
8. Don't short circuit the protection device(S1PH,S2PH,S3PH).
9. Colors : BLK: black, RED: red, BLU: blue, WHT: white, GRN: green, YEL: yellow, PNK: pink.

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)
A13P	Printed circuit board (ABC I/P 1)
A14P	Printed circuit board (earth leakage detector)
BS*	Push button switch (A1P, A2P)
DS*	Dip switch (A1P, A2P)
E1HC	Crankcase heater (M1C)
E2HC	Crankcase heater (M2C)
E3HC	Crankcase heater (M3C)
F1U, F2U	Fuse (T, 6.3A, 250V) (A1P)
F101U	Fuse (A9P, A10P, A11P)
F3U, F4U	Fuse (1A, 250V)
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)
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)
S1S	Operation switch (remote/off/on)
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
Y21S	Solenoid valve (pressure equalizer)
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)
Y8E	Electronic expansion valve (liquid injection)
Y14E	Electronic expansion valve (suction oil return) (M1C)
Y15E	Electronic expansion valve (back-up INV3)
Z*C	Ferrite core