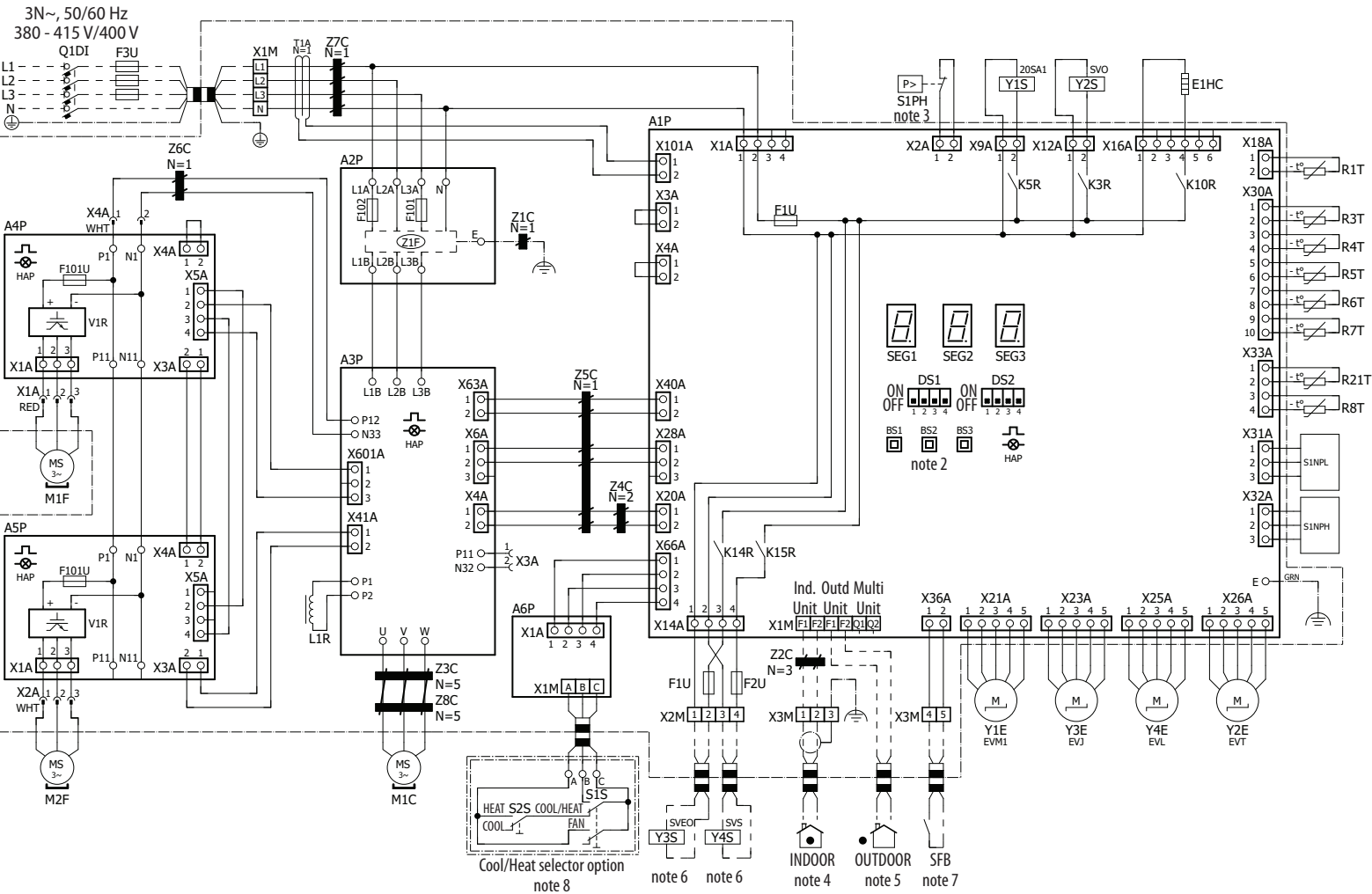


ERA200AMYFB



NOTES to go through before starting the unit

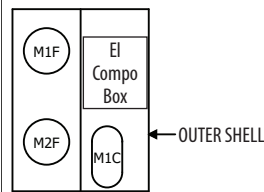
1. Symbols:
- X1M : Main terminal
  - : Earth wiring
  - : Field wire
  - : Field cable
  - : Screened conductor
  - ① : Several wiring possibilities
  - : Option
  - : Wiring depending on model
  - : Not mounted in switch box
  - : PCB
2. Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1 ~ DS2 DIP switches.
3. Do not operate the unit by short-circuiting protection device S1PH.
4. Refer to the installation manual for indoor-outdoor transmission F1-F2 wiring.
5. When using the central control system, connect outdoor-outdoor transmission F1-F2.
6. The capacity of the contact is 220~240V AC - 0,5A (Rush current needs 3A or less).
7. Use dry contact for micro-current (10mA or less, 15V DC).
8. When using the optional adapter, refer to the installation manual of the optional adapter.

LEGEND

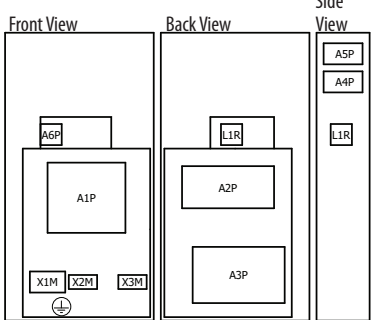
| Part n°     | Description                                | Part n°    | Description                              |
|-------------|--------------------------------------------|------------|------------------------------------------|
| A1P         | Printed circuit board (main)               | R8T        | Thermistor (M1C body)                    |
| A2P         | Printed circuit board (noise filter)       | R21T       | Thermistor (M1C discharge pipe)          |
| A3P         | Printed circuit board (inverter)           | S1NPH      | High pressure sensor                     |
| A4P, A5P    | Printed circuit board (fan)                | S1NPL      | Low pressure sensor                      |
| A6P         | Printed circuit board (Cool/Heat Selector) | S1PH       | High pressure switch                     |
| BS* (A1P)   | Push button switch                         | S1S        | * Air control switch                     |
| DS* (A1P)   | Dipswitch                                  | S2S        | * Cool / Heat switch                     |
| E1HC        | Crank case heater                          | SEG* (A1P) | 7-segment display                        |
| F1U (A1P)   | Fuse T 10 A 250 V                          | SFB        | # Mechanical ventilation error input     |
| F1U, F2U    | Fuse T 1 A 250 V                           | T1A        | Current sensor                           |
| F101U (A5P) | Fuse                                       | V1R (A4P)  | Power module                             |
| F101U (A4P) | Fuse                                       | V1R (A5P)  | Power module                             |
| F101 (A2P)  | Fuse                                       | X*A        | Connector                                |
| F102 (A2P)  | Fuse                                       | X*M        | Terminal strip                           |
| F3U         | # Field fuse                               | Y1E        | Electronic exp. valve (Heat exch.)       |
| HAP (A*P)   | Running LED (Service monitor-green)        | Y2E        | Electronic exp. valve (Subc. heat exch.) |
| K*R (A*P)   | Relay on PCB                               | Y3E        | Electronic exp. valve (Inverter cooling) |
| L1R         | Reactor                                    | Y4E        | Electronic exp. valve (Liquid injection) |
| M1C         | Motor (compressor)                         | Y1S        | Solenoid valve (4-Way valve)             |
| M1F, M2F    | Motor (fan)                                | Y2S        | Solenoid valve (Accu oil return)         |
| Q1DI        | # Earth leakage circuit breaker            | Y3S        | # Error operation output (SVEO)          |
| R1T         | Thermistor (Air)                           | Y4S        | # Leak sensor output (SVS)               |
| R3T         | Thermistor (Suction Accumulator )          | Z*C        | Noise filter (ferrite core)              |
| R4T         | Thermistor (Heat exch. liquid)             | Z1F (A2P)  | Noise filter (with surge absorber)       |
| R5T         | Thermistor (Liquid)                        |            |                                          |
| R6T         | Thermistor (Subcool heat exch. gas)        |            |                                          |
| R7T         | Thermistor (De-icer)                       |            |                                          |

\* : optional # : field supply

LAYOUT OF M1C, M1F, M2F



POSITION IN SWITCH BOX



TERMINAL OF M1C

