

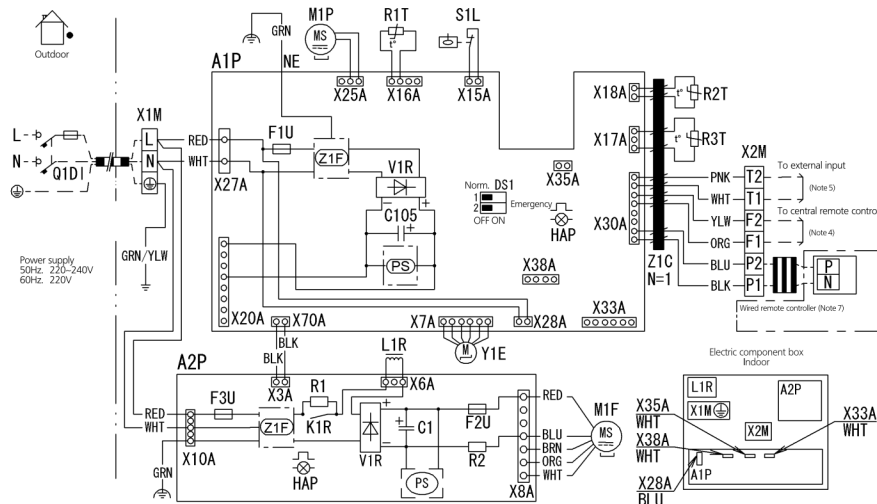
# 10 Wiring diagrams

## 10 - 1 Wiring Diagrams - Single Phase

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### FXSQ15-125A

- Indoor unit
- A1P : Printed circuit board
  - A2P : Printed circuit board (Fan)
  - C1 : Capacitor
  - C105 : Capacitor
  - DS1 : Selector switch
  - F1U : Fuse (T, 315A, 250V)
  - F2U : Fuse (T, 5A, 250V)
  - F3U : Fuse (T, 6.3A, 250V)
  - HAP : Indication lamps
  - K1R : Magnetic relay
  - L1R : Reactor
  - L1M : Motor (Indoor fan)
  - M1P : Motor (Drain pump)
  - R1 : Resistor (current sensor)
  - R2 : Resistor (current sensor)
  - R1T : Thermistor (Suction)
  - R2T : Thermistor (Liquid)
  - R3T : Thermistor (Coil)
  - S1L : Float switch
  - V1R : Diode bridge
  - PS : Switching power supply
  - X1M : Terminal strip (Power supply)
  - X2M : Terminal block (Control)
  - Y1E : Electronic expansion valve coil
  - Z1F : Noise filter
  - Z1C : Ferrite core
  - Z2C : Ferrite core
  - Q1DI : Earth leakage breaker
- Connector (Optional accessories)
- X28A : Connector (Power supply for wiring)
  - X33A : Connector (for wiring)
  - X35A : Connector (Power supply for adapter)
  - X38A : Connector (for wiring)



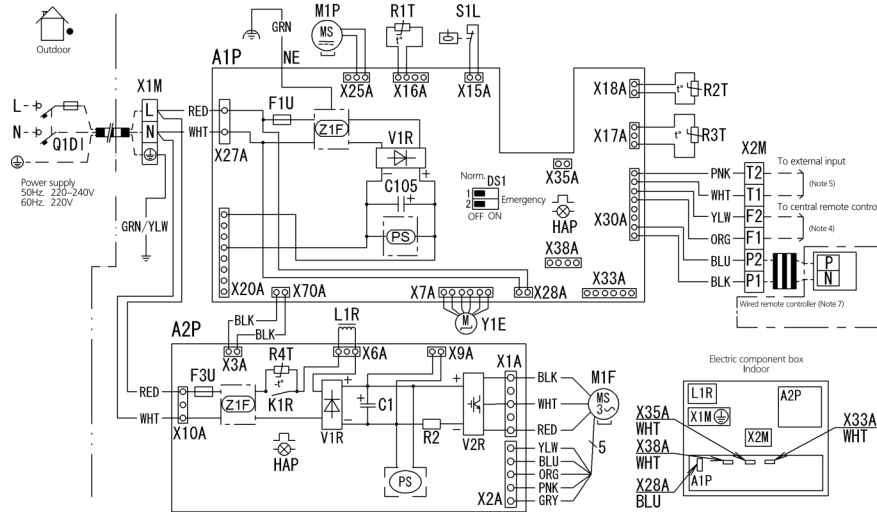
Notes

1. [Symbol] : Screw terminal [Symbol] : Connector, [Symbol] : Field wiring
2. In case of a multi-indoor-unit-system with parallel operation, refer to the documentation for the indoor units.
3. For details, refer to the wiring diagram attached to the outdoor unit.
4. When using a central remote control, connect it to the unit according to the installation manual.
5. When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by the remote controller. For more information, see installation manual.
6. For a multi-indoor-unit-system with parallel operation, the connection ratio (number of indoor units you can connect to the outdoor unit) is different. Before connecting, refer to the Technical data of the General catalogue.
7. For how to switch between the main unit and the sub units, refer to the installation manual of the remote control.
8. Colours: BLK:Black; RED:Red; BLU:Blue; WHT:White; GRN:Green; YLW:Yellow; BRN:Brown; ORG:Orange; PNK:Pink

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### FXSQ140A

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  - C105 : Capacitor
  - DS1 : Selector switch
  - F1U : Fuse (T, 315A, 250V)
  - F2U : Fuse (T, 5A, 250V)
  - F3U : Fuse (T, 6.3A, 250V)
  - HAP : Indication lamps
  - K1R : Magnetic relay
  - L1R : Reactor
  - L1M : Motor (Indoor fan)
  - M1P : Motor (Drain pump)
  - R1 : Resistor (current sensor)
  - R2 : Resistor (current sensor)
  - R1T : Thermistor (Suction)
  - R2T : Thermistor (Liquid)
  - R3T : Thermistor (Coil)
  - R4T : Thermistor NTC (current limiting)
  - S1L : Float switch
  - V1R : Diode bridge
  - V2R : Power module
  - PS : Switching power supply
  - X1M : Terminal strip (Power supply)
  - X2M : Terminal block (Control)
  - Y1E : Electronic expansion valve coil
  - Z1F : Noise filter
  - Z1C : Ferrite core
  - Q1DI : Earth leakage breaker
- Connector (Optional accessories)
- X28A : Connector (Power supply for wiring)
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