

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

FXDQ-A

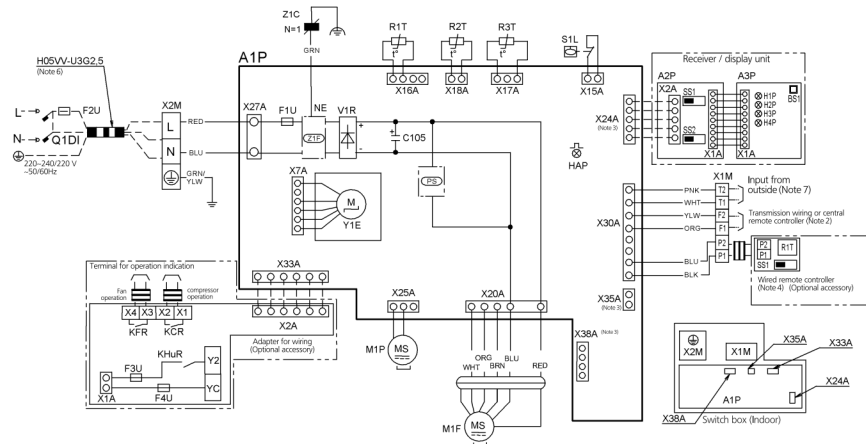
Indoor unit
A1P : Printed circuit board
C105 : Capacitor
QBD : Power supply circuit
F1U : Fuse (1.3/15A, 250V)
F2U : Field use
Z1C : Ferrite core (Noise filter)
HAP : Light emitting diode (Service monitor-green)
M1P : Motor (Fan)
M1P : Motor (Drain pump)
Q1DI : Thermistor (Air)
R1T : Thermistor (Call)
R2T, R3T : Thermistor (Call)
S1L : Float switch
V1R : Diode bridge
X1M : Terminal block (Control)
X2M : Terminal block (Power supply)
Z1C : Noise filter

Receiver / display unit
A2P : Printed circuit board
A3P : Printed circuit board
BS1 : Push button (On/Off)
H1P : Light emitting diode (on-red)
H2P : Light emitting diode (filter sign-red)
H3P : Light emitting diode (filter sign-green)
H4P : Light emitting diode (defrost-orange)
SS1 : Selector switch (Main/Sub)
SS2 : Selector switch (Infrared address set)

Connector for optional parts
X24A : Connector (Infrared remote controller)
X33A : Connector (Adapter for wiring)
X35A : Connector (Power supply connector)
X38A : Connector (Multitap)

Adapter for wiring
F3U, F4U : Fuse (B), 5A, 250V
KFR, KCR, KHuR : Magnetic relay

Wired remote controller
R1T : Thermistor (air)
SS1 : Select switch (MAIN-SUB)



Notes

1. [Symbol] : Terminal block [Symbol] D-: Connector, [Symbol] Field wiring
2. In case using central remote controller, connect it to the unit in accordance with the attached installation manual.
3. X24A, X33A, X35A, X38A are connected when the optional accessories are being used.
4. In case of main/sub overcharge, see the installation manual attached to remote controller.
5. Symbols show as follows: RED:Red BLK:Black WHT:White YLW:Yellow GRN:Green ORG:Orange BRN:Brown Pnk:Pink GRY:Gray BLU:Blue
6. Shows only in case of protected pipes, use HO7RN-F in case of no protection.
7. When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by the remote controller, see manual for detail.

L : Line
N : Neutral
• : Wire clamp
⊕ : Protective earth (screw)

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