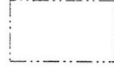


## NOTES TO GO THROUGH BEFORE STARTING THE UNIT

- 1: Symbols  
 X1M : Main terminal
- — — — : Earth wiring  
 15 : Wire number 15  
 - - - - : Field wire  
 - · - · - · : Field cable  
 → \*\*/12.2 : Connection \*\* continues on page 12 column 2  
 ① : Several wiring possibilities



: Option



: Wiring depending on model



: Not mounted in switchbox



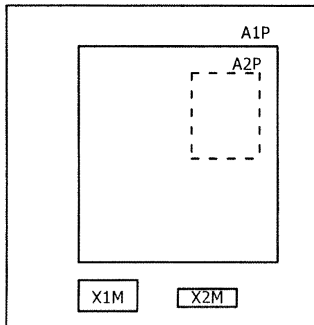
: PCB

- 2: For X37A refer to the installation manual of the option.  
 3: Refer to the installation or service manual on how to use BS1-BS4 push buttons and DS1-1 - DS1-2 DIP switches.  
 4: Do not operate the unit by short-circuiting protection device S1PH.  
 5: Refer to the installation manual for indoor-outdoor transmission F1-F2 wiring.  
 6: When using the central control system, connect outdoor-outdoor transmission F1-F2.

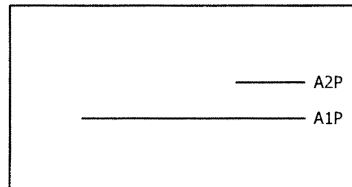
## LEGEND

- \* : Optional  
 # : Field supply
- A1P : Main PCB  
 A2P : filter PCB  
 A3P \* : Cool / heat selector PCB  
 BS\* (A1P) : Push buttons  
 (Mode, set, return, test, reset)  
 C1 (A1P) : Capacitor  
 DS1 (A1P) : Dipswitch  
 F1U (A2P) : Fuse T56A 250V  
 F3U (A2P) : Fuse T6.3A 250V  
 F4U (A2P) : Fuse T6.3A 250V  
 F6U (A1P) : Fuse T5A 250V  
 HAP (A1P) : running LED (Service monitor-green)  
 HBP (A1P) : frequency LED (Service monitor-green)  
 H\*P (A1) : LED (Service monitor-orange)  
 K11M (A1P) : Magnetic contactor  
 K\*R (A1P) : Magnetic relay  
 L\*R (A1P) : Reactor  
 M1C : Motor (compressor)  
 M1F : Fan motor (upper)  
 M2F : Fan motor (lower)  
 PS (A1P) : Switching power supply  
 Q1DI # : Earth leakage circuit breaker  
 R\* (A1P) : Resistor  
 R1T : Thermistor (Air)  
 R2T : Thermistor (Discharge)  
 R3T : Thermistor (Suction 1)  
 R4T : Thermistor (Heat exchanger)  
 R5T : Thermistor (Suction 2)  
 R6T : Thermistor (subcool heat exchanger)  
 R7T : Thermistor (Liquid)  
 FINTH : Thermistor (Fin)  
 S1NPH : High pressure sensor  
 S1NPL : Low pressure sensor  
 S1PH : High pressure switch  
 S1S \* : Air control switch  
 S2S \* : Cool / heat switch  
 V1R (A1P) : IGBT power module  
 V2R (A1P) : Diode module  
 V\*T (A1P) : IGBT N-channel  
 V\*D (A1P) : Diodes  
 X37A : Connector (power supply for option PCB)  
 X\*A : PCB connector  
 X\*M : Terminal strip  
 X\*Y : Connector  
 Y1E : Electronic expansion valve (Main)  
 Y3E : Electronic expansion valve (Subcool)  
 Y1S : Solenoid valve (4-way valve)  
 Z1C~Z7C : Noise filter (ferrite core)  
 Z\*F (A\*P) : Noise filter

## POSITION IN SWITCHBOX



front side



Upper side