



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
 - [] : Not mounted in switch box
 - [] : Wiring depending on model
 - [] : PCB
1. When using the optional adapter, refer to the installation manual of the optional adapter.
 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. For connection to indoor-outdoor transmission F1-F2 wiring, outdoor - outdoor transmission F1-F2, refer to "service manual".

LEGEND

Translation can be found in the installation manual.

Part n°	Description	Part n°	Description
A1P	main PCB	R5T	thermistors (subcool liquid. pipe)
A2P	noise filter PCB	R6T	thermistors (heat exchanger gas pipe)
A3P	inverter PCB	R7T	thermistors (suction)
A4P	cool/heat selector PCB	R* (A3P)	resistor
BS* (A1P)	push buttons (mode , set, return)	S1NPH	high pressure sensor
C* (A3P)	capacitors	S1NPL	low pressure sensor
DS* (A1P)	dipswitch	S1PH	high pressure switch (disch)
E1HC	crankcase heater	S2S	cool / heat switch
F*U (A1P)	fuse T 3,15 A 250 V	SEG1 SEG3	7-segment display
F3U	field fuse	T1A	current sensor
F400U (A2P)	fuse T 6.3 A 250 V	V1R (A3P)	IGBT power module
F410U (A2P)	fuse T 40 A 500 V	V2R (A3P)	diode module
F411U (A2P)	fuse T 40 A 500 V	X37A	connector (power supply for option PCB)
F412U (A2P)	fuse T 40 A 500 V	X66A	connector (remote switching cool/heat selector)
HAP (A1P)	running LED (service monitor-green)	X1M	terminal strip (power supply)
K1M (A3P)	magnetic contactor	X*A	PCB connector
K*R (A*P)	magnetic relay	X*M (A*P)	terminal strip on PCB
L1R	reactor	X*Y	connector
M1C	motor (compressor)	Y2E	electronic expansion valve
M1F	motor (fan)	Y*S	solenoid valve (4-way valve)
PS (A1P,A3P)	power supply	Z*C	noise filter (ferrit core)
Q1DI	# earth leakage circuit breaker	Z*F	noise filter
Q1RP (A1P)	phase reversal detect circuit		
R21T	thermistors (M1C discharge)		
R3T	thermistors (accumulator)		

* : optional
: field supply

POSITION IN SWITCH BOX

