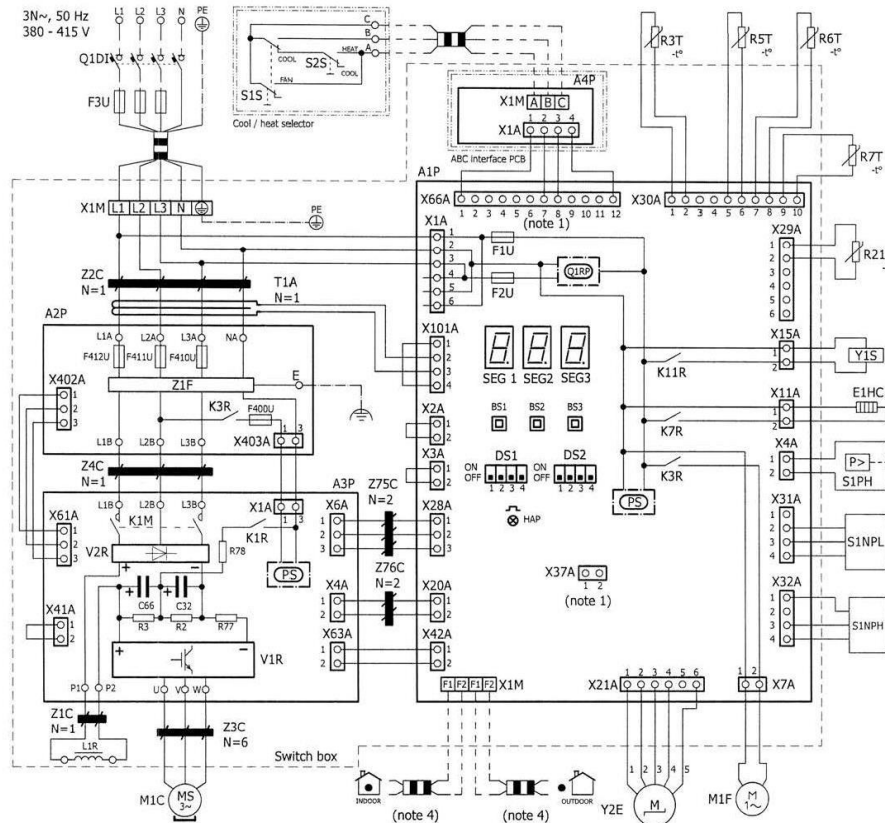


9 Wiring diagrams

9 - 2 Wiring Diagrams - Three Phase

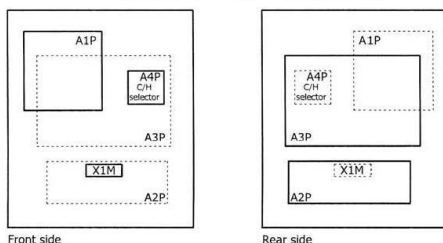
RKXYQ8T



NOTES to go through before starting the unit

- Symbols :
 - X1M : Main terminal
 - 15 : Earth wiring
 - Wire number 15
 - Field wire
 - Field cable
 - Connection ** continues on page 12 column 2
 - Several wiring possibilities
 - Option
 - Not mounted in switch box
 - Wiring depending on model
 - PCB
- When using the optional adapter, refer to the installation manual of the optional adapter.
- Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1 ~ DS2 DIP switches.
- Do not operate the unit by short-circuiting protection device (S1PH).
- For connection to indoor-outdoor transmission F1-F2 wiring, outdoor - outdoor transmission F1-F2, refer to "service manual".

POSITION IN SWITCH BOX



LEGEND



Translation can be found in the installation manual.

Part n°	Description	Part n°	Description
A1P	main PCB	R5T	thermistor (subcool liquid. pipe)
A2P	noise filter PCB	R6T	thermistor (heat exchanger gas pipe)
A3P	inverter PCB	R7T	thermistor (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	S1S	* air control switch
F*U (A1P)	fuse T 3,15 A 250 V	S2S	* cool / heat switch
F3U	field fuse	SEG1 SEG3	7-segment display
F400U (A2P)	fuse T 6.3 A 250 V	T1A	current sensor
F410U (A2P)	fuse T 40 A 500 V	V1R (A3P)	IGBT power module
F411U (A2P)	fuse T 40 A 500 V	V2R (A3P)	diode module
F412U (A2P)	fuse T 40 A 500 V	X37A	* connector (power supply for option PCB)
HAP (A1P)	running LED (service monitor-green)	X66A	* connector (remote switching cool/heat selector)
K1M (A3P)	magnetic contactor	X1M	terminal strip (power supply)
K*R (A*P)	magnetic relay	X*A	PCB connector
L1R	reactor	X*M (A*P)	terminal strip on PCB
M1C	motor (compressor)	X*Y	connector
M1F	motor (fan)	Y2E	electronic expansion valve
PS (A1P,A3P)	power supply	Y*S	solenoid valve (4-way valve)
Q1DI	# earth leakage circuit breaker	Z*C	noise filter (ferrit core)
Q1R (A1P)	phase reversal detect circuit	Z*F	noise filter
R21T	thermistor (M1C discharge)		
R3T	thermistor (accumulator)		

* : optional
: field supply

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