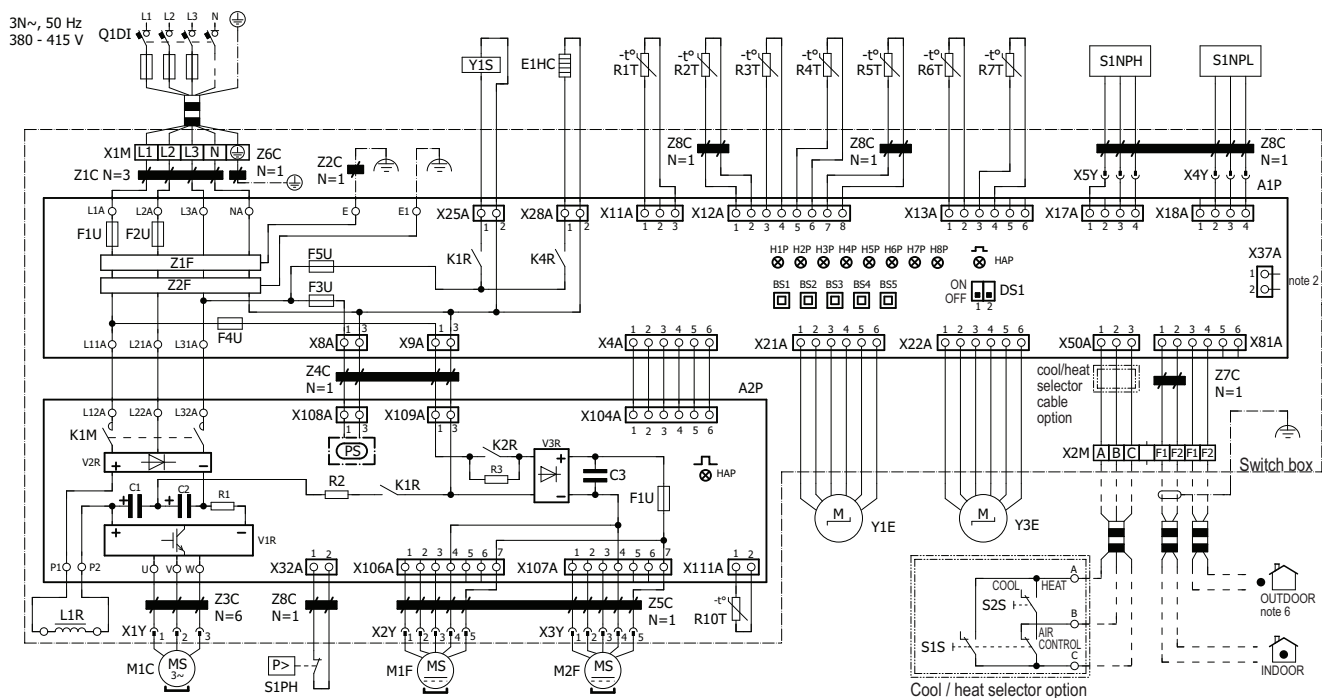


9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

RXYSQ-T8Y



4D094014E

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

RXYSQ-T8Y

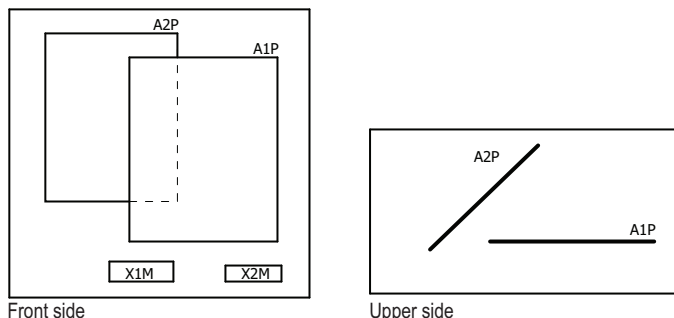
NOTES to go through before starting the unit

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 switch box
	: PCB

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

POSITION IN SWITCH BOX



LEGEND

Part n°	Description	Part n°	Description
A1P	main PCB	R3T	thermistor (suction1)
A2P	inverter PCB	R4T	thermistor (heat exchanger)
BS* (A1P)	push buttons (mode, set, return, test ,reset)	R5T	thermistor (suction 2)
C* (A2P)	capacitors	R6T	thermistor (subcool heat ex)
DS1 (A1P)	dipswitch	R7T	thermistor (liquid)
E1HC	crankcase heater	R10T	thermistor (fin)
F1U (A1P)	fuse T 31,5 A 500 V	S1NPH	high pressure sensor
F2U (A1P)	fuse T 31,5 A 500 V	S1NPL	low pressure sensor
F1U (A2P)	fuse T 5 A 250 V	S1PH	high pressure switch
F3U (A1P)	fuse T 6.3 A 250 V	S1S	* air control switch
F4U (A1P)	fuse T 6.3 A 250 V	S2S	* cool / heat switch
F5U (A1P)	fuse T 6.3 A 250 V	V1R (A2P)	IGBT power module
HAP (A*P)	running LED (service monitor-green)	V2R (A2P)	diode module
H*P (A1P)	LED (service monitor-orange)	V3R (A2P)	diode module
K1M (A2P)	magnetic contactor	X37A	connector (power supply for option PCB)
K4R (A1P)	magnetic relay (E1HC)	X*A	PCB connector
K*R (A*P)	magnetic relay	X*M	terminal strip
L1R	reactor	X*Y	connector
M1C	motor (compressor)	Y1E	electronic expansion valve (main)
M1F	fan motor (upper)	Y3E	electronic expansion valve (subcool)
M2F	fan motor (lower)	Y1S	solenoid valve (4-way valve)
PS (A2P)	power supply	Z*C	noise filter (ferrit core)
Q1DI	# earth leakage circuit breaker	Z*F	noise filter
R* (A2P)	resistor		
R1T	thermistor (air)		
R2T	thermistor (discharge)		

* : optional
: field supply

4D094014E