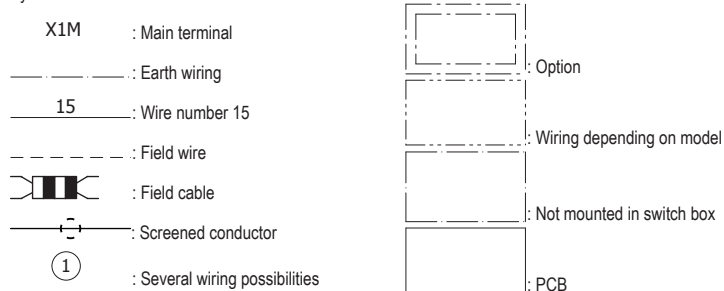


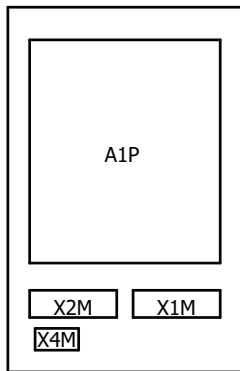
NOTES to go through before starting the unit

1. Symbols

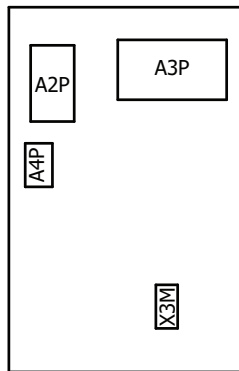


- Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1-1 ~ DS1-2 DIP switches.
- Do not operate the unit by short-circuiting protection device S1PH. S1PH-A automatically resets after high pressure has been exceeded, S1PH-M has to be manually reset after high pressure has been exceeded.
- Refer to the installation manual for indoor-outdoor transmission F1-F2 wiring.
- When using the central control system, connect outdoor-outdoor transmission F1-F2.
- The capacity of the contact is 220~240V AC - 0,5A (Rush current needs 3A or less).
- Use dry contact for micro-current (1 mA or less 12V DC).
- Digital output: max 40V DC - 0,025A. Refer to installation manual for how to use this output.
- For X27A refer to the installation manual of the option.

POSITION IN SWITCH BOX



Front side



Back side

LEGEND

Part n°	Description
A1P	main PCB
A2P	sub PCB
A3P	back up PCB
A4P	cool / heat selector PCB
BS* (A1P)	push button switch
DS* (A1P)	dipswitch
E1H	* bottom plate heater
E1HC	crank case heater
F1U (A1P)	fuse T 31.5 A 250 V
F1U (A2P)	fuse T 3.15 A 250 V
F1U	fuse T 1.0 A 250 V
F2U (A1P)	fuse T 6.3 A 250 V
F3U (A1P)	fuse T 6.3 A 250 V
F6U (A1P)	fuse T 5 A 250 V
F101U (A3P)	fuse T 2.0 A 250 V
HAP (A1P,A3P)	running LED (service monitor-green)
K*M (A1P)	contactor on PCB
K*R (A*P)	relay on PCB
M1C	motor (compressor)
M1F	motor (fan)
PS* (A*P)	switching power supply
Q1	overload switch
Q1DI	# earth leakage circuit breaker
R1T	thermistor (ambient)
R3T	thermistor (suction)
R4T	thermistor (liquid)
R5T	thermistor (subcool)
R6T	thermistor (superheat)
R7T	thermistor (heat exchanger)
R10T	thermistor (fin)
R21T	thermistor (discharge)
R*T (A*P)	PTC thermistor
S1NPH	high pressure sensor
S1NPL	low pressure sensor
S1PH*	high pressure switch
S1S	* air control switch

Part n°	Description
S2S	* cool / heat switch
SEG* (A1P)	7-segment display
SFB	# mechanical ventilation error input
V1R, V2R (A1P)	IGBT power module
V3R (A1P)	diode module
X*A	PCB connector
X*M	terminal strip
X*Y	connector
Y1E	electronic exp. valve (main - EVM1)
Y2E	electronic exp. valve (EVT)
Y3E	electronic exp. valve (main - EVM2)
Y4E	electronic exp. valve (EVL)
Y5E	electronic exp. valve (EVSL)
Y6E	electronic exp. valve (EVSG)
Y1S	solenoid valve (4-way valve)
Y3S	# error operation output (SVEO)
Y4S	# leak sensor output (SVS)
Z*C	noise filter (ferrite core)
Z*F (A*P)	noise filter

* : optional # : field supply