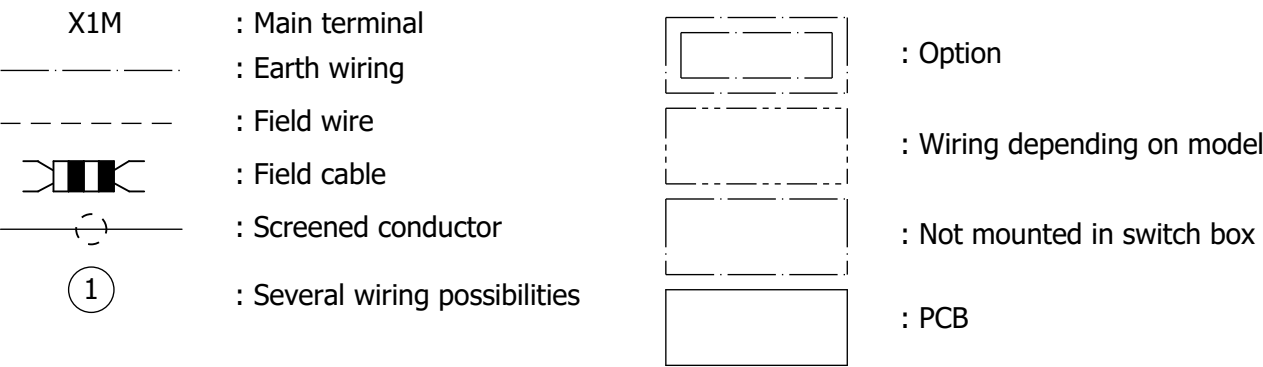


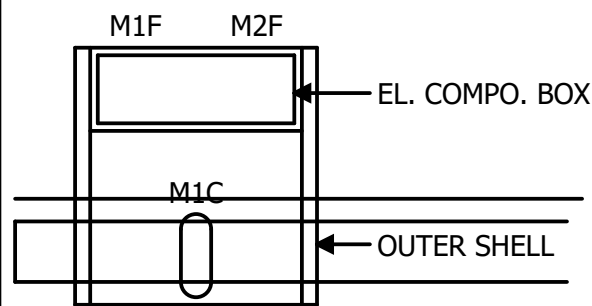
NOTES to go through before starting the unit

1. Symbols :

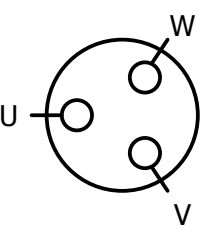


2. Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1 ~ DS2 DIP switches.
3. Do not operate the unit by short-circuiting protection device(s) S1PH and S2PH.
4. Refer to the installation manual for indoor-outdoor transmission F1-F2 and outdoor-multi transmission Q1-Q2 wiring.
5. When using the central control system, connect outdoor-outdoor transmission F1-F2.
6. The capacity of the contact is 220~240V AC - 0,5A (Rush current needs 3A or less).
7. Use dry contact for micro-current (10mA or less, 15V DC).
8. When using the optional adapter, refer to the installation manual of the optional adapter.

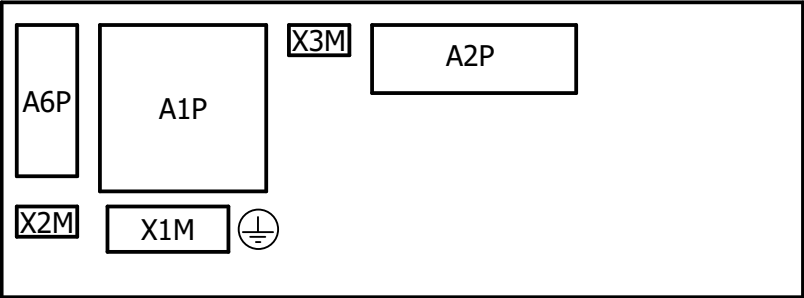
LAYOUT OF M1C, M1F, M2F



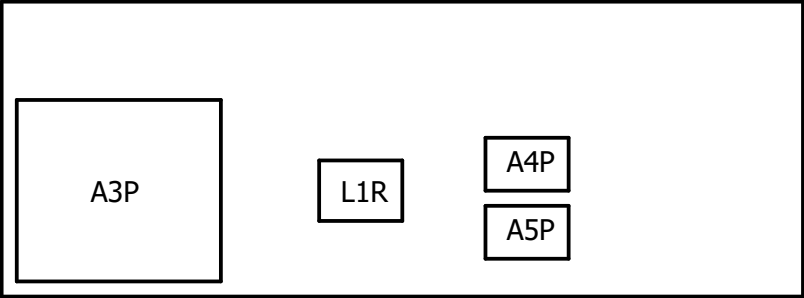
TERMINAL OF M1C



POSITION IN SWITCH BOX



Front side



Back side

LEGEND



Part n°		Description	Part n°		Description
A1P		Printed circuit board (main)	R12T		Thermistor (Suction compressor)
A2P		Printed circuit board (noise filter)	R13T		Thermistor (Receiver gas)
A3P		Printed circuit board (inverter)	R15T		Thermistor (M1C body)
A4P, A5P		Printed circuit board (fan)	R21T		Thermistor (M1C discharge pipe)
A6P		Printed circuit board (sub)	S1NPH		High pressure sensor
BS* (A1P)		Push button switch	S1NPL		Low pressure sensor
DS* (A1P)		Dipswitch	S*PH		High pressure switch
E1HC		Crank case heater	SEG* (A1P)		7-segment display
E3H	*	Bottom plate heater	SFB	#	Mechanical ventilation error input
F1U (A1P)		Fuse T 10 A 250 V	T1A		Current sensor
F1U (A6P)		Fuse 3.15 A 250 V	X*A		Connector
F1U, F2U		Fuse T 1 A 250 V	X*M		Terminal strip
F3U	#	Field fuse	Y1E		Electronic exp. valve (Heat exch. upper)
HAP (A1P)		Running LED (service monitor-green)	Y2E		Electronic exp. valve (Subc. heat exch.)
K*R (A*P)		Relay on PCB	Y3E		Electronic exp. valve (Heat exch. lower)
L1R		Reactor	Y4E		Electronic exp. valve (Receiver gas)
M1C		Motor (compressor)	Y5E		Electronic exp. valve (Inverter cooling)
M1F, M2F		Motor (fan)	Y7E		Electronic exp. valve (Liquid injection)
Q1DI	#	Earth leakage circuit breaker	Y2S		Solenoid valve (Liquid pipe)
R1T		Thermistor (Air)	Y3S		Solenoid valve (HP/LP gas pipe)
R3T		Thermistor (Liquid main)	Y4S		Solenoid valve (Heat exchanger lower)
R4T		Thermistor (Heat exch. liquid upper)	Y5S		Solenoid valve (Heat exchanger upper)
R5T		Thermistor (Heat exch. liquid lower)	Y10S		Solenoid valve (Accu oil return)
R6T		Thermistor (Subcool heat exch. gas)	Y11S		Solenoid valve (M1C oil return)
R7T		Thermistor (Subcool heat exch. liquid)	Y13S	#	Error operation output (SVEO)
R8T		Thermistor (Heat exch. gas upper)	Y14S	#	Leak sensor output (SVS)
R9T		Thermistor (Heat exch. gas lower)	Z*C		Noise filter (ferrite core)
R10T		Thermistor (Suction)			
R11T		Thermistor (Heat exch. de-icer)			

* : optional #: field supply