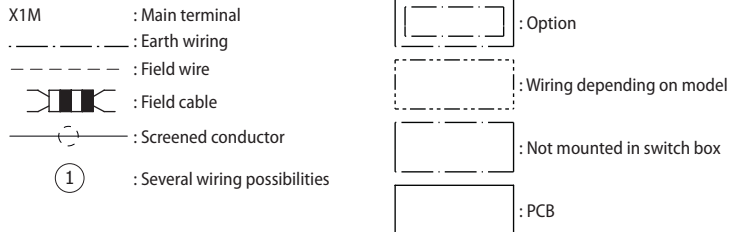


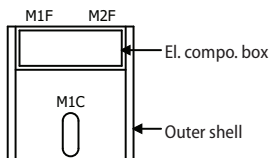
## NOTES to go through before starting the unit

1. Symbols:

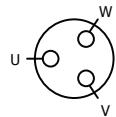


- Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1 ~ DS2 DIP switches.
- Do not operate the unit by short-circuiting protection device S1PH.
- Refer to the installation manual for indoor-outdoor transmission F1-F2 and outdoor-multi transmission Q1-Q2 wiring.
- 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 (10mA or less, 15V DC).
- When using the optional adapter, refer to the installation manual of the optional adapter.

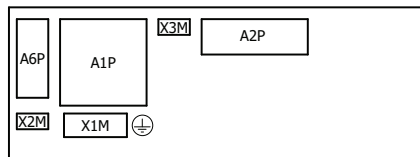
## LAYOUT OF M1C, M1F, M2F



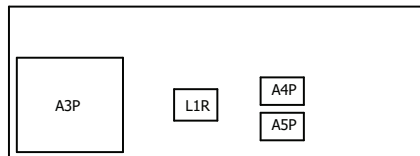
## TERMINAL OF M1C



## POSITION IN SWITCH BOX



Front side



Back side

## LEGEND

Part n°	Description
A1P	Printed circuit board (main)
A2P	Printed circuit board (noise filter)
A3P	Printed circuit board (inverter)
A4P, A5P	Printed circuit board (fan)
A6P	Printed circuit board (sub)
BS* (A1P)	Push button switch
DS* (A1P)	Dipswitch
E1HC	Crank case heater
E3H	* Bottom plate heater
F1U (A1P)	Fuse T 10 A 250 V
F1U (A6P)	Fuse 3.15 A 250 V
F3U	# Field fuse
HAP (A1P)	Running LED (service monitor-green)
K*R (A*P)	Relay on PCB
L1R	Reactor
M1C	Motor (compressor)
M1F, M2F	Motor (fan)
Q1DI	# Earth leakage circuit breaker
R1T	Thermistor (Air)
R3T	Thermistor (Liquid main)
R4T	Thermistor (Heat exch. liquid upper)
R5T	Thermistor (Heat exch. liquid lower)
R6T	Thermistor (Subcool heat exch. gas)
R7T	Thermistor (Subcool heat exch. liquid)
R8T	Thermistor (Heat exch. gas upper)
R9T	Thermistor (Heat exch. gas lower)
R10T	Thermistor (Suction)
R11T	Thermistor (Heat exch. de-icer)
R12T	Thermistor (Suction compressor)

Part n°	Description
R13T	Thermistor (Receiver gas)
R15T	Thermistor (M1C body)
R21T	Thermistor (M1C discharge pipe)
S1NPH	High pressure sensor
S1NPL	Low pressure sensor
S1PH	High pressure switch
SEG* (A1P)	7-segment display
SFB	# Mechanical ventilation error input
T1A	Current sensor
X*A	Connector
X*M	Terminal strip
Y1E	Electronic exp. valve (Heat exch. upper)
Y2E	Electronic exp. valve (Subc. heat exch.)
Y3E	Electronic exp. valve (Heat exch. lower)
Y4E	Electronic exp. valve (Receiver gas)
Y5E	Electronic exp. valve (Inverter cooling)
Y7E	Electronic exp. valve (Liquid injection)
Y2S	Solenoid valve (Liquid pipe)
Y3S	Solenoid valve (HP/LP gas pipe)
Y4S	Solenoid valve (Heat exchanger lower)
Y5S	Solenoid valve (Heat exchanger upper)
Y10S	Solenoid valve (Accu oil return)
Y11S	Solenoid valve (M1C oil return)
Y13S	# Error operation output (SVEO)
Y14S	# Leak sensor output (SVS)
Z*C	Noise filter (ferrite core)

\* : optional

# : field supply