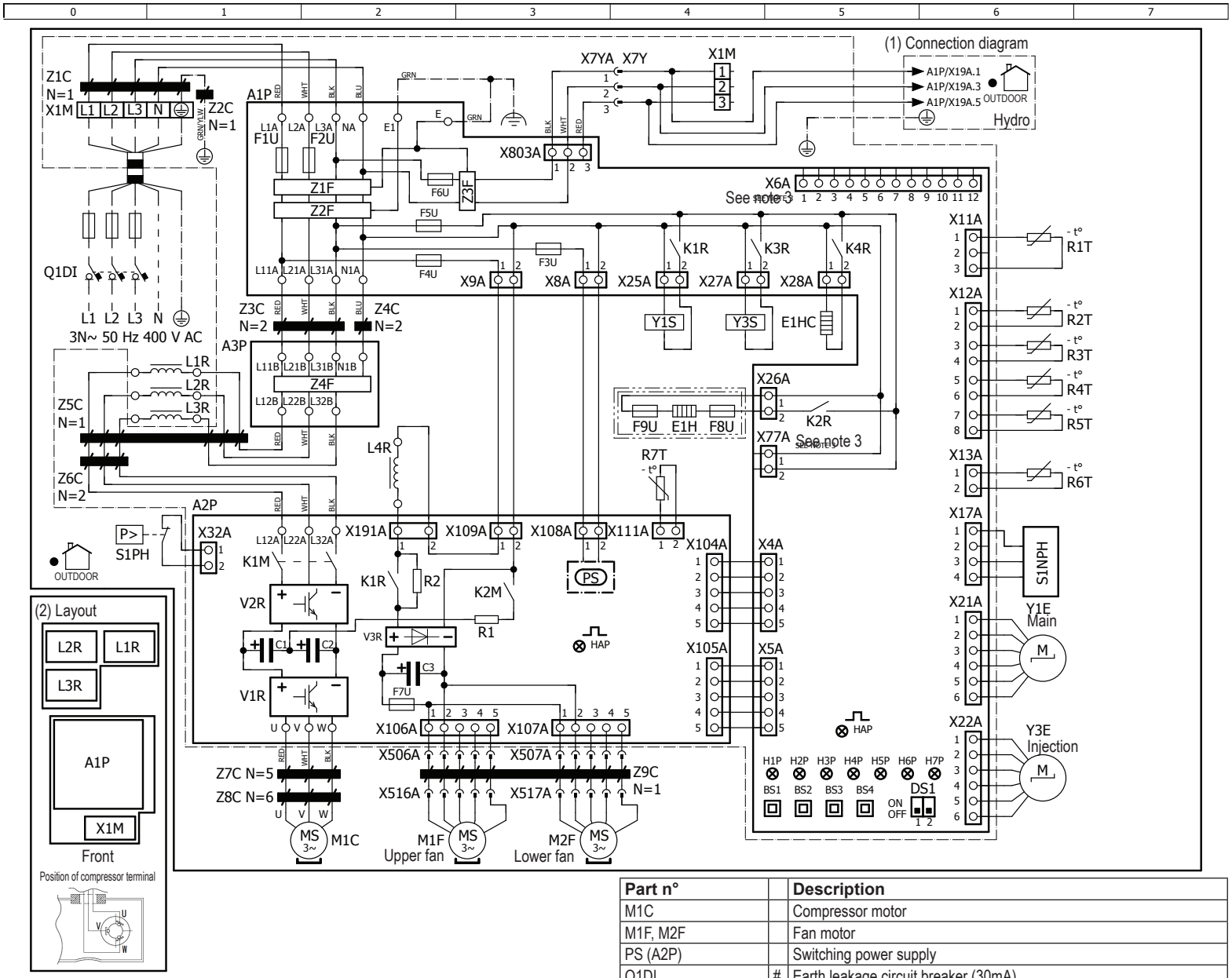
E(B-D)LQ011-016C3V3_C3W1



(3) NOTES

	: Connection		: switch box
X1M	: Main terminal		: PCB
	: Earth wiring		: Wiring depending on model
	: Field supply		: Protective earth
	: Option		: Field wire

(4) LEGEND

Part n°		Description
A1P		Printed circuit board (control)
A2P		Printed circuit board (inv.)
A3P		Printed circuit board (noise filter)
BS1~4 (A1P)		Push-button switch
C1~3 (A2P)		Capacitor
DS1 (A2P)		Dipswitch
E1H	*	Bottom plate heater
E1HC		Crankcase heater
F1~2U (A1P)		Fuse 31,5 A 500 V
F3~6U (A1P)		Fuse T 6,3 A 250 V
F7U (A2P)		Fuse T 5 A 250 V
F8~9U	*	Fuse F 1 A 250 V
H1~7P (A1P)		Indication light emitting diode (service monitor is orange)
HAP (A1~2P)		Light emitting diode (service monitor is green)
K1R (A1P)		Magnetic relay (Y1S)
K1R (A2P)		Magnetic relay (Upload)
K2R (A1P)		Magnetic relay (E1H)
K3R (A1P)		Magnetic relay (Y3S)
K4R (A1P)		Magnetic relay (E1HC)
L1~3R		Reactor
L4R		Reactor (Outdoor fan motor)

Part n°		Description
M1C		Compressor motor
M1F, M2F		Fan motor
PS (A2P)		Switching power supply
Q1DI	#	Earth leakage circuit breaker (30mA)
R1~2 (A2P)		Resistor
R1T		Thermistor (air)
R2T		Thermistor (discharge)
R3T		Thermistor (suction)
R4T		Thermistor (heat exchanger)
R5T		Thermistor (heat exchanger middle)
R6T		Thermistor (liquid)
R7T		Thermistor (fin)
S1NPH		Pressure sensor
S1PH		High pressure switch
V1~2R (A2P)		Power module
V3R (A2P)		Diode module
X1M		Terminal strip
X*A (A*P)		Connector
X*Y*		Connector
Y1E, Y3E		Electronic expansion valve
Y1S		Solenoid valve (4-way valve)
Y3S		Solenoid valve (hot gas pass)
Z1~9C		Noise filter (ferrite core)
Z1~3F (A1P)		Noise filter
Z4F (A3P)		Noise filter

* : optional # : field supply

NOTES

1. Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1~BS4 and DS1 switches.
2. When operating, do not short-circuit protection device S1PH.
3. Refer to the combination table and the option manual for how to connect the wiring to X6A and X77A.
4. Colours: BLK:black; RED:red; BLU:blue; WHT:white; GRN:green; BRN:brown; YLW:yellow; ORG:orange
5. Confirm the method of setting the selector switches (DS1) by service manual. Factory setting of all switches: OFF