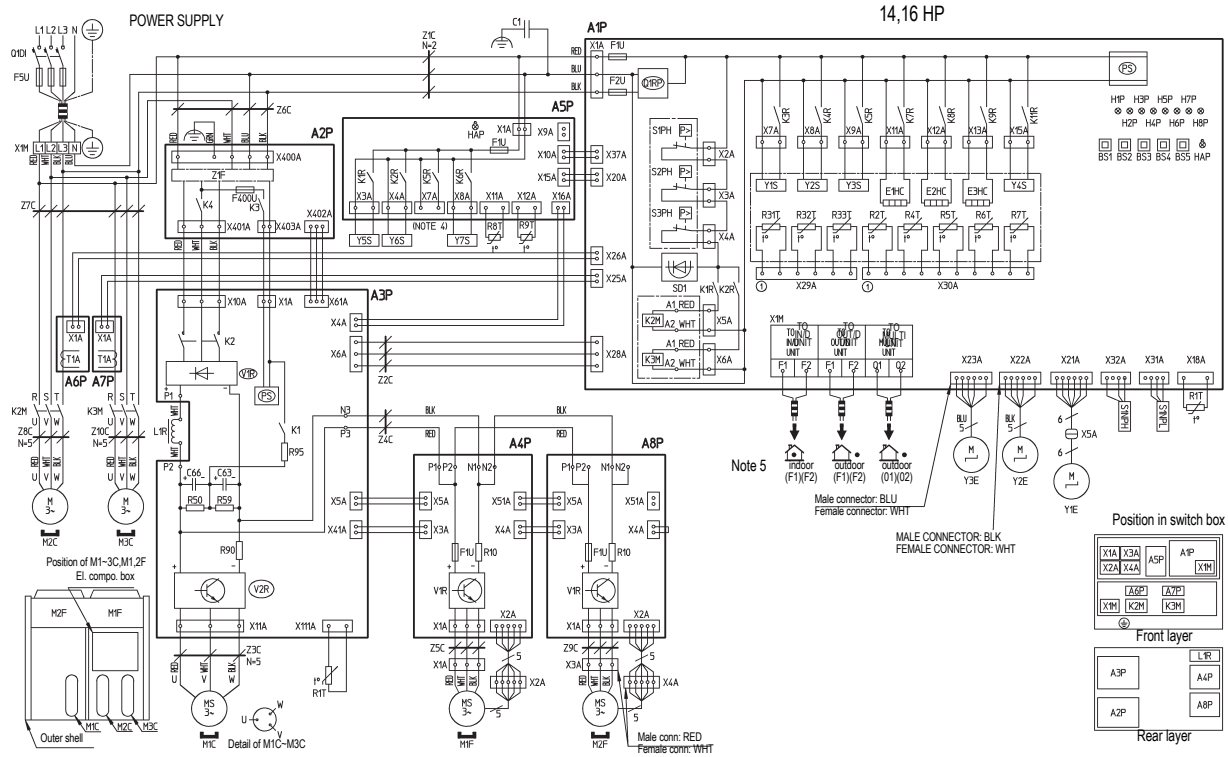
REMQ14-16P8



A1P~A8P	Printed circuit board		K1R~K11R	Magnetic relay		S1NPL	Pressure sensor (Low)
	A1P: Main	A4P,A8P: Fan		K1R: K2M (A1P)	K1R: Y5S (A5P)	S1PH~S3PH	Pressure switch (High)
	A2P: Noise filter	A5P: Sub		K2R: K3M (A1P)	K2R: Y6S (A5P)	T1A	Current sensor (A6P, A7P)
	A3P: Inverter	A6P,A7P: Current sensor		K3R: Y1S (A1P)	K4R: Y2S (A1P)	V1R	Diode bridge (A3P) / Power module (A4P,A8P)
BS1~BS5	Push button switch (Mode, Set, Return, Test, Reset)			K5R: Y3S (A1P)	K5R: (for option) (A5P)	V2R	Power module (A3P)
				K6R: Y7S (A5P)	K7R: E1HC (A1P)	X1A~X4A	Connector (M1F, M2F)
C1, C63, C66	Capacitor			K8R: E2HC (A1P)	K9R: E3HC (A1P)	X5A	Connector (Y1E)
E1HC~E3HC	Crankcase heater			K11R: Y4S (A1P)		X1M	Terminal strip (Power supply)
F1U, F2U	Fuse (T, 3.15A, 250V) (A1P)		PS	Switching power supply (A1P, A3P)		X1M	Terminal strip (Control) (A1P)
F1U	Fuse (T, 3.15A, 250V) (A5P)		Q1DI	Earth leakage breaker		Y1E	Electronic expansion valve (Main)
F1U	Fuse (8A, DC650V) (A4P,A8P)		Q1RP	Reverse phase detection circuit		Y2E	Electronic expansion valve (Charge)
F5U	Field fuse		R10	Resistor (current sensor) (A4P,A8P)		Y3E	Electronic expansion valve (Subcool)
F400U	Fuse (T, 63A, 250V) (A2P)		R50, R59	Resistor		Y1S~Y3S	Solenoid valve
H1P~H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, Test - - - - - - - - - Flickering Malfunction detection - - - - - - Light up		R90	Resistor (current sensor)			Y1S: RMTG / Y2S: 4 way valve (pipe)
			R95	Resistor (current limiting)			Y3S: 4 way valve (H/E Gas)
HAP	Pilotlamp (service monitor - green) (A1P) (A5P)		R1T~R9T R31T~R33T	Thermistor			Y4S: RMTL / Y5S: Hot gas
K1~K4	K1: Magnetic relay	K2: Magnetic contactor (M1C)		R1T: Air (A1P)	R4T: H/E Deicer		Y6S: EV bypass / Y7S: RMTO
	K3: Magnetic relay	K4: Magnetic contactor (M1C)		R1T: Fin (A3P)	R5T: Sub cool H/E gas	Z1C~Z10C	Noise filter (ferrite core)
K2M, K3M	Magnetic contactor (M2C, M3C)			R2T: H/E Gas	R6T: Sub cool H/E liq	Z1F	Noise filter (with surge absorber)
L1R	Reactor			R31T: M1C Discharge	R7T: H/E Liquid		
M1C~M3C	Motor (Compressor)			R32T: M2C Discharge	R8T: Suction	Connector for optional parts	
M1F, M2F	Motor (Fan)		S1NPH	Pressure sensor (High)	R9T: Liquid	X7A	Operation output (A5P)
						X9A	Power supply (ADAPTER) (A5P)

: Terminal strip
: Field wiring
: Connector
: Terminal
: Protective eart (screw)

Colors: BLK: Black, RED: Red, YLW: Yellow, WHT: White, PNK: Pink, BRN: Brown, GRY: Grey, GRN: Green, ORG: Orange, BLU: Blue

2TW29146-1A

NOTES

1 When using the option adaptor, refer to the installation manual
2 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q2 and on how to use BS1~BS5 and DS1, DS2 switch.
3 Do not operate the unit by short-circuiting protection device S1PH~S3PH