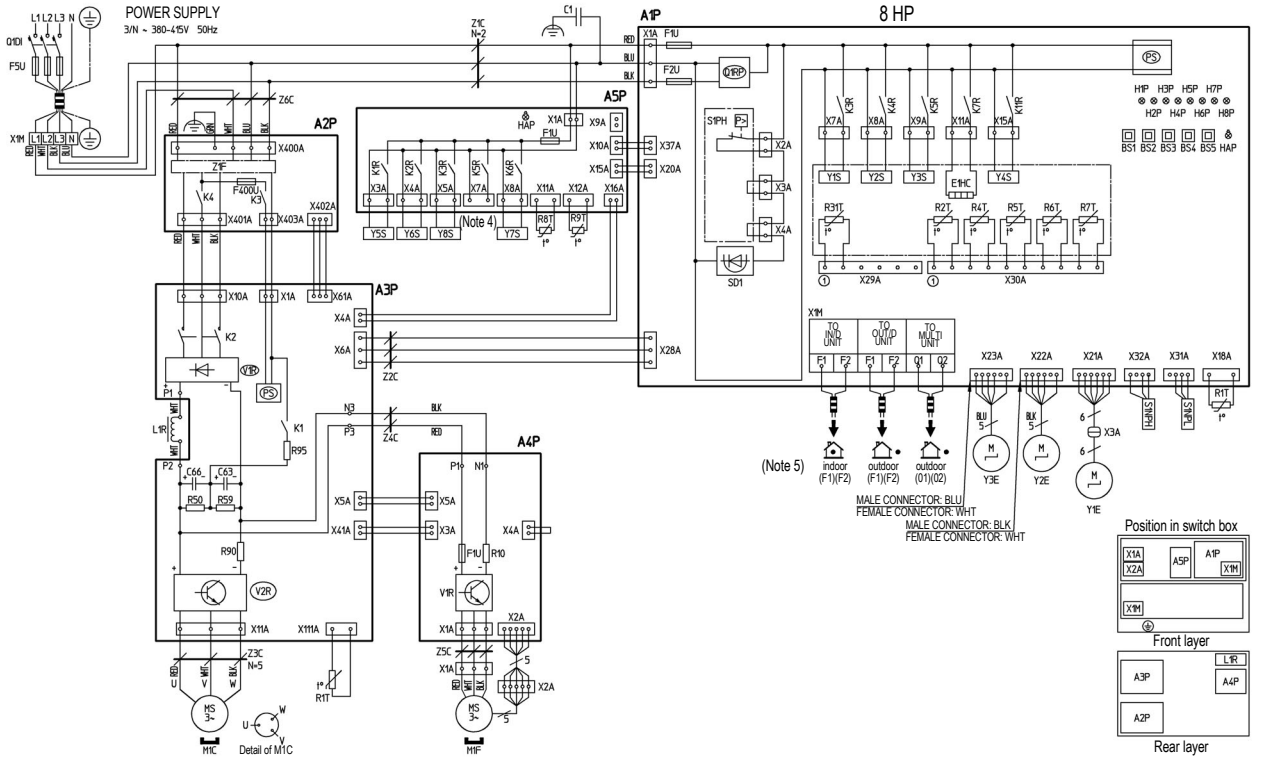
REMQ8P9



Indoor unit	Printed circuit board			Magnetic relay		S1NPH	Pressure sensor (High)	
A1P~A8P	A1P: Main	A4P,A8P: Fan	K1R~K11R	K1R: Y5S (A1P)	K2R: Y6S (A5P)	S1NPL	Pressure sensor (Low)	
	A2P: Noise filter	A5P: Sub		K3R: Y1S (A1P)	K3R: Y1S (A5P)	S1PH	Pressure switch (High)	
	A3P: Inverter			K4R: Y2S (A1P)	K5R: Y3S (A1P)	SD1	Safety devices input	
BS1~BS5	Push button switch (Mode, Set, Return, Test, Reset)			K5R: (For option) (A5P)	K6R: Y7S (A5P)	V1R	Diode bridge (A3P)	Power module (A4P)
				K7R: E1HC (A1P)	K11R: Y4S (A1P)	V2R	Power module (A3P)	
C1, C63, C66	Capacitor		L1R	Reactor		X1A~X4A	Connector (M1F)	
E1HC	Crankcase heater		M1C	Motor (Compressor)		X3A	Connector (Y1E)	
F1U, F2U	Fuse (T, 3.15A, 250V) (A1P)		M1F	Motor (Fan)		X1M	Terminal strip (Power supply)	
F1U	Fuse (T, 3.15A, 250V) (A5P)		PS	Switching power supply (A1P, A3P)		X1M	Terminal strip (Control) (A1P)	
F1U	Fuse (8A, DC650V) (A4P)		Q1DI	Earth leakage breaker		Y1E	Electronic expansion valve (Main)	
F5U	Field fuse		Q1RP	Reverse phase detection circuit		Y2E	Electronic expansion valve (Charge)	
F400U	Fuse (T, 63A, 250V) (A2P)		R10	Resistor (current sensor) (A4P)		Y3E	Electronic expansion valve (Subcool)	
H1P~H8P	Pilotlamp (service monitor -orange) [H2P] Prepare, Test - - - - - - - - Flickering Malfunction detection - - - - - - Light up		R50, R59	Resistor		Y1S~Y3S	Solenoid valve	
			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)			Thermistor			Y4S: RMTL	Y5S: Hot gas
K1~K4	K1: Magnetic relay	K2: Magnetic contactor (M1C)					Y6S: EV bypass	Y7S: RMTO
	K3: Magnetic relay	K4: Magnetic contactor (M1C)	R1T~R9T R31T~R33T	R1T: Air (A1P)	R6T: Sub cool H/E liq		Y8S: RMTT	
Connector for optional parts				R1T: Fin (A3P)	R7T: Liquid			
X7A	Operation output (A5P)			R2T: H/E Gas	R8T: Suction	Z1C~Z6C	Noise filter (ferrite core)	
X9A	Power supply (ADAPTER) (A5P)			R4T: H/E Deicer	R9T: Liquid	Z1F	Noise filter (with surge absorber)	
				R5T: Sub cool H/E gas	R31T: M1C Discharge			

	: Terminal strip	Colors:	BLK:	Black	PNK:	Pink	ORG: Orange
	: Field wiring		RED:	Red	BRN:	Brown	BLU: Blue
	: Connector		YLW:	Yellow	GRY:	Grey	
	: Terminal		WHT:	White	GRN:	Green	
	: Protective earth (screw)						

2TW29116-1A

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