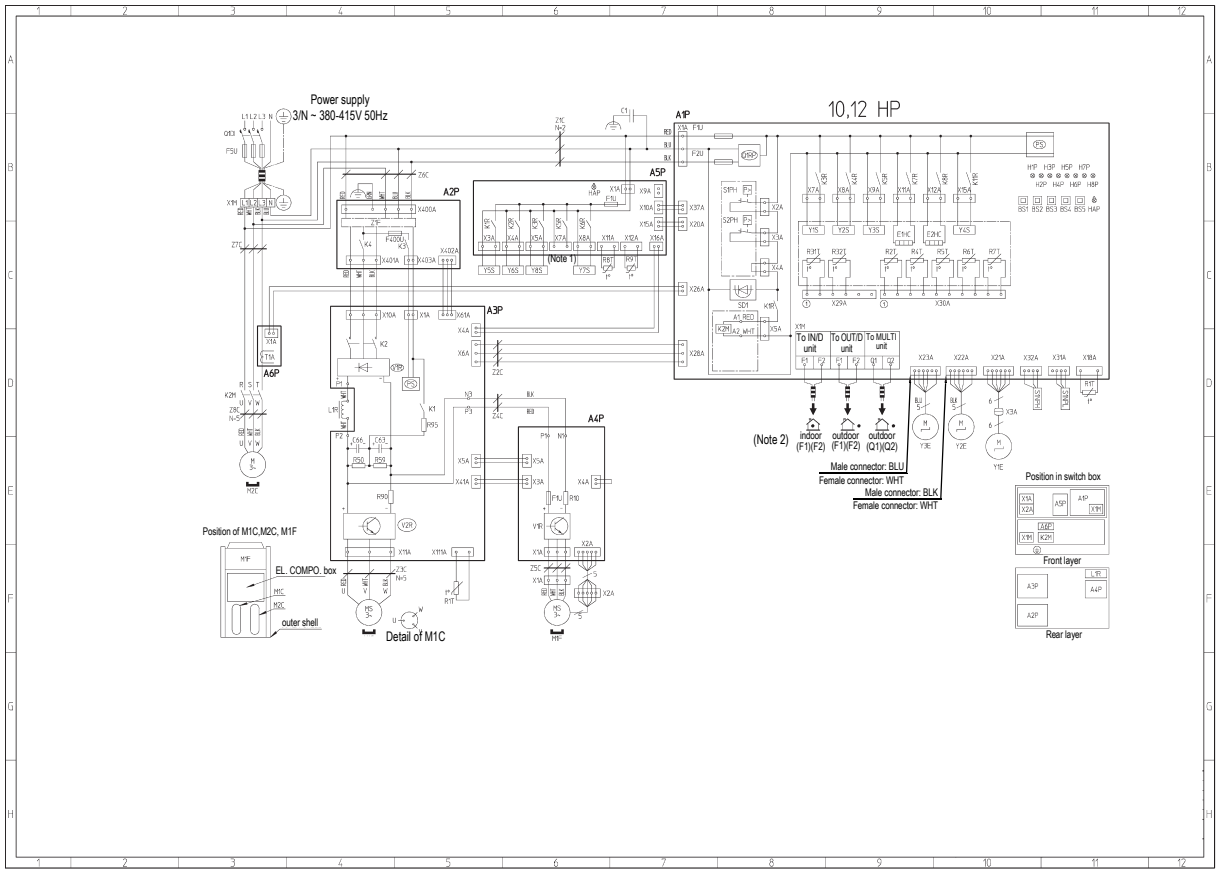
REMQ10,12P8



A1P~A8P	Printed circuit board		L1R	Reactor	X1M	Terminal strip (control) (A1P)	
	A1P: main	A4P: fan	M1C, M2C	Motor (compressor)	Y1E	Electronic expansion valve (main)	
	A2P: noise filter	A5P: sub	M1F	Motor (fan)	Y2E	Electronic expansion valve (charge)	
	A3P: inverter	A6P: current sensor	PS	Switching power supply (A1P, A3P)	Y3E	Electronic expansion valve (subcool)	
BS1~BS5	Push button switch (Mode, set, return, test, reset)		Q1DI	Earth leakage breaker	Y1S~Y3S	Solenoid valve	
			Q1RP	Reverse phase detection circuit		Y1S: RMTG	Y2S: 4 way vvalve (pipe)
C1, C63, C66	Capacitator		R10	Resistor (current sensor) (A4P)		Y3S: 4 way valve (H/E gas)	
E1HC, E2HC	Crankcase Heater		R50, R59	Resistor		Y4S: RMTL	Y5S: hot gas
F1U, F2U	Fuse (T, 3.15A, 250V) (A1P)		R90	Resistor (current sensor)		Y6S: EV bypass	Y7S: RMTO
F1U	Fuse (T, 3.15A, 250V) (A5P)		R95	Resistor (current limiting)		Y8S: RMTT	
F5U	Field fuse			Thermistor	Z1C~Z8C	Noise filter (ferrite core)	
F400U	Fuse (T, 6.3A, 250V) (A2P)		R1T~R9T R31T~R33T	R1T: air (A1P) R4T: H/E deicer	Z1F	Noise filter (with surge absorber)	
H1P~H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, test - - - - - - - - flickering Malfunction detection - - light up			R1T: fin (A3P) R5T: sub cool H/E gas			
				R2T: H/E gas R8T: sub cool H/E liq	Connector for optional parts		
				R31T: M1C discharge R8T: suction	X7A	Operation output (A5P)	
HAP	Pilotlamp (service monitor - green (A1P)(A5P)			R9T: liquid	X9A	Power supply (adapter) (A5P)	
K1~K4	K1: magnetic relay	K2:magnetic contactor (M1C)	S1NPH	Pressure sensor (high)			
	K3: magnetic relay	K4:magnetic contactor (M1C)	S1NPL	Pressure sensor (low)			
K1R~K11R	Magnetic relay		S1PH, S2PH	Pressure swith (high)			
	K1R: K2M (A1P)	K2R: Y5S (A5P)	T1A	Current sensor			
	K2R: Y6S (A5P)	K3R: Y1S (A1P)	V1R	Diode bridge (A3P) Power module (A4P)			
	K3R: Y1S (A1P)	K4R: Y2S (A1P)	V2R	Power module (A3P)			
	K5R: Y3S (A1P)	K5R: (for option) (A5P)	X1A, X2A	Connector (M1F)			
	K6R: Y7S (A5P)	K7R: E1HC (A1P)	X3A	Connector (Y1E)			
	K8R: E2HC (A1P)	K11R: Y4S (A1P)	X1M	Terminal strip (power supply)			

: Field wiring
: Terminal Strip
: Connector
: Terminal
: Protective earth (screw)

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

2TW29126-1A

NOTES

1 When using the option adapter, refer to the installation manual.
2 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor-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, S2PH.