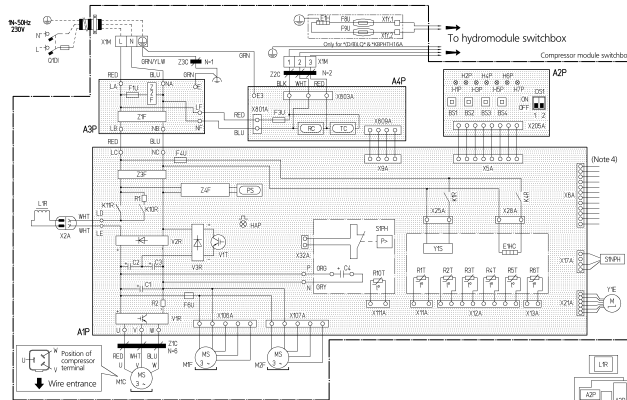


# EBHQ11-016BB6V3

Power supply unit



## Notes

- 1 This wiring diagram only applies to the compressor module switchbox
- 2 L: Live N:Neutral ■■■: Field wiring
- 3 : Terminal strip : Connector : Connection : Protective earth (screw)
- 4 : NOT APPLICABLE
- 5
- 6 Do not operate the unit by short-circuiting protection device S1PH
- 7 Colors BLU: blue, BRN: brown, GRN: green, RED: red, WHT: white, YLW: yellow, ORG: orange, BLK: Black
- 8 Confirm the method of setting the selector switches (DS1) by service manual. Factory setting of all switches: "OFF".
- 9



A1P	Printed circuit board (Main)
A2P	Printed circuit board (INV)
A3P	Printed circuit board (Noise filter)
A4P	Printed circuit board
B51-B54	Push button switch
C1-C4	Capacitor
DS1	DPF switch
E1H	Bottomplate heater
E1HC	Crankcase heater
F1U, F3U, F4U	Fuse (T 6.3A/250V)
F6U	Fuse (T 5.0A/250V)
F7U, FBU	Fuse (F 1.0A/250V)
H1P-7P(A2P)	Light Emit. Diode (Serv. Monitor-Orange) (H2P)Prepare, Test  Flickering (H2P)Malfunction Detection – Light up
HAP(A1P)	Light emitting diode (Service monitor green)
K1R	Magnetic relay (Y1S)
K4R	Magnetic relay (E1HC)
K10R	Magnetic relay
K11R	Magnetic relay
L1R	Reactor
M1C	Motor (Compressor)
M1F	Motor (Fan) (upper)
M2F	Motor (Fan) (lower)
PS	Switching power supply
Q1D1	Earth leakage circuit breaker
R1	Resistor
R2	Resistor
R1T	Thermistor (Air)
R2T	Thermistor (Discharge)
R3T	Thermistor (Suction)
R4T	Thermistor (Heat exchanger)
R5T	Thermistor (heat exchanger middle)
R6T	Thermistor (Liquid)
RC	Resistor (receiver circuit)
R10T	Thermistor (Fin)
S1NPH	Pressure sensor
S1PH	Pressure switch (high)
TC	Signal transmission circuit
V1R	Power module
V2R, V3R	Diode module
VTT	Rectifier
X1M	Terminal strip (Power supply)
Y1E	Electronic expansion valve
Y1S	Solenoid valve (4 way valve)
Z1C-Z3C	Noise filter (fermy core)
Z1F-Z4F	Noise filter
X1Y	Optional connector
X1Y	Connector

