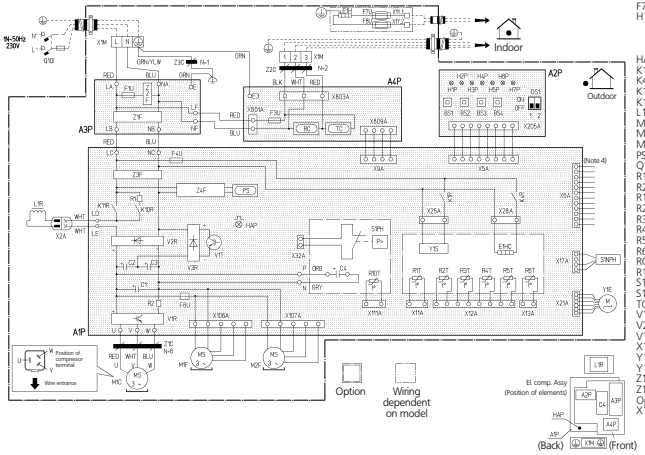
ERLQ011-016BV3

OLD PART NUMBER: 2TW57986-1A



A1P	Printed circuit board (Main)
A2P	Printed circuit board (INV)
A3P	Printed circuit board (Noise filter)
A4P	Printed circuit board
BS1–BS4	Push button switch
C1–C4	Capacitor
DS1	DIP switch
E1H	Bottomplate heater
E1HC	Crankcase heater
F1U, F3U, F4U	Fuse (T 6.3A/250V)
F6U	Fuse (T 5.0A/250V)
F7U, F8U	Fuse (F 1.0A/250V)
H1P–7P (A2P)	Light emitting diode (service monitor orange) Prepare, Test ---------- Flickering 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
Q1DI	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	Signal receiver circuit
R10T	Thermistor (Fin)
S1NPH	Pressure sensor
S1PH	Pressure switch (High)
TC	Signal transmission circuit
V1R	Power module
V2R, V3R	Diode module
V1T	IGBT
X1M	Terminal strip (Power supply)
Y1E	Electronic expansion valve
Y1S	Solenoid valve (4 way valve)
Z1C–Z3C	Noise filter (ferrity core)
Z1F–Z4F	Noise filter
X1Y	Optional connector Connector

Notes:

1 This wiring diagram only applies to the outdoor unit

2 L: Live N:Neutral ▬▪▪▪▬: Field wiring

3 ▭▭: Terminal strip ⊠: Connector —●—: Connection ⏚: Protective earth (screw)
—■— Relay connector ⏚: Noiseless earth —○—: Terminal

4 Refer to the option manual, for connecting wiring to x6A.

5 Refer to the "Wiring diagram sticker" (on back of front plate) on how to use BS1– BS4 and DS1 switch.

6 Do not operate the unit by short-circuiting protection device S1PH

7 Colors: BLK: black, RED: red, BLU: blue, WHT: white, YLW: yellow, ORG: orange, BRN: brown, GRN: green

8 Confirm the method of setting the selector switches by service. When the unit is shipped by factory all switches are set to be off.