

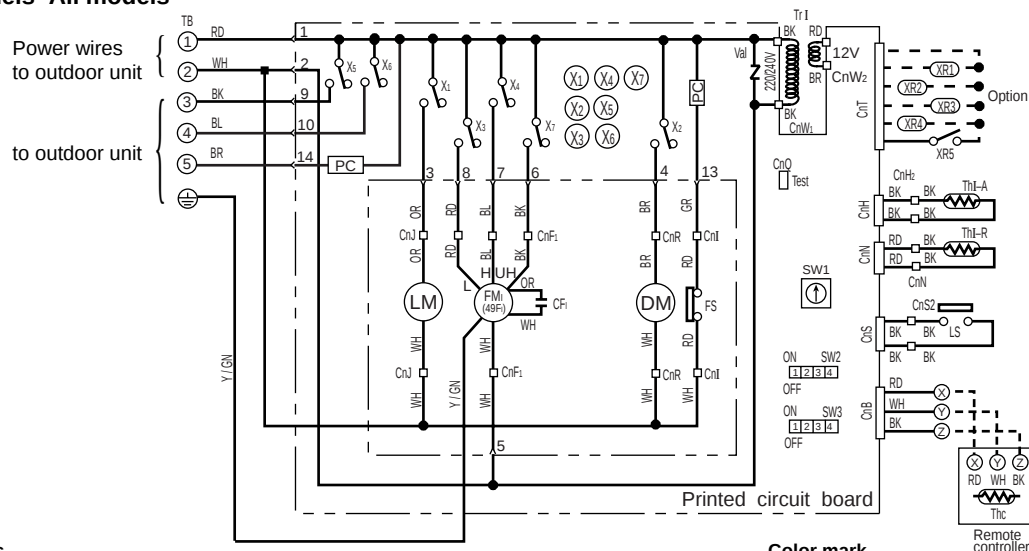
3 ELECTRICAL DATA

3.1 Electrical wiring

(1) Indoor unit

(a) Ceiling recessed type (FDT)

Models All models



Meaning of marks

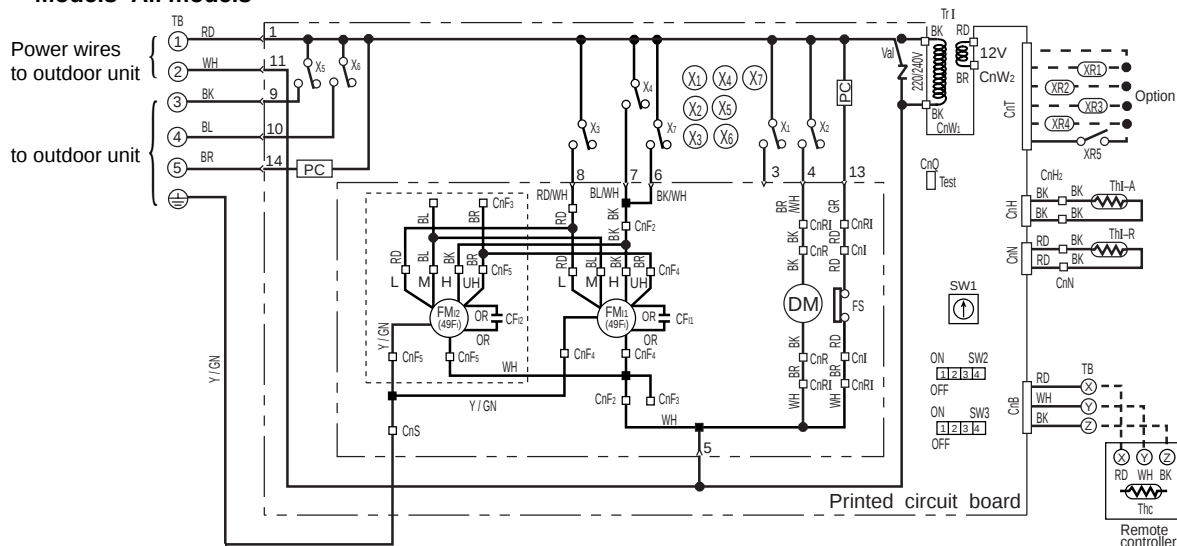
Mark	Parts name	Mark	Parts name	Mark	Parts name
FMi	Fan motor (indoor unit)	X1-7	Auxiliary relay	CnA-W	Connector
49Fi	Internal thermostat for FMi	Thc	Thermistor	TB	Terminal block
CFi	Capacitor for FMi	Thi-A	Thermistor	■	Connector
LM	Louver motor	Thi-R	Thermistor	◁	Terminal (F)
LS	Limit switch	Tr	Transformer	SW1	Switch (Address set)
DM	Drain motor	Va	Varistor	SW2, 3	Changeover switch
FS	Float switch	PC	Photo coupler		

Color mark

Mark	Color
BK	Black
BL	Blue
BR	Brown
GR	Gray
OR	Orange
RD	Red

(b) Cassetteria type (FDR)

Models All models



Note(1) "FMi2" and the following wires (shown in dashed line) are equipped only for FDR408, 508.

Meaning of marks

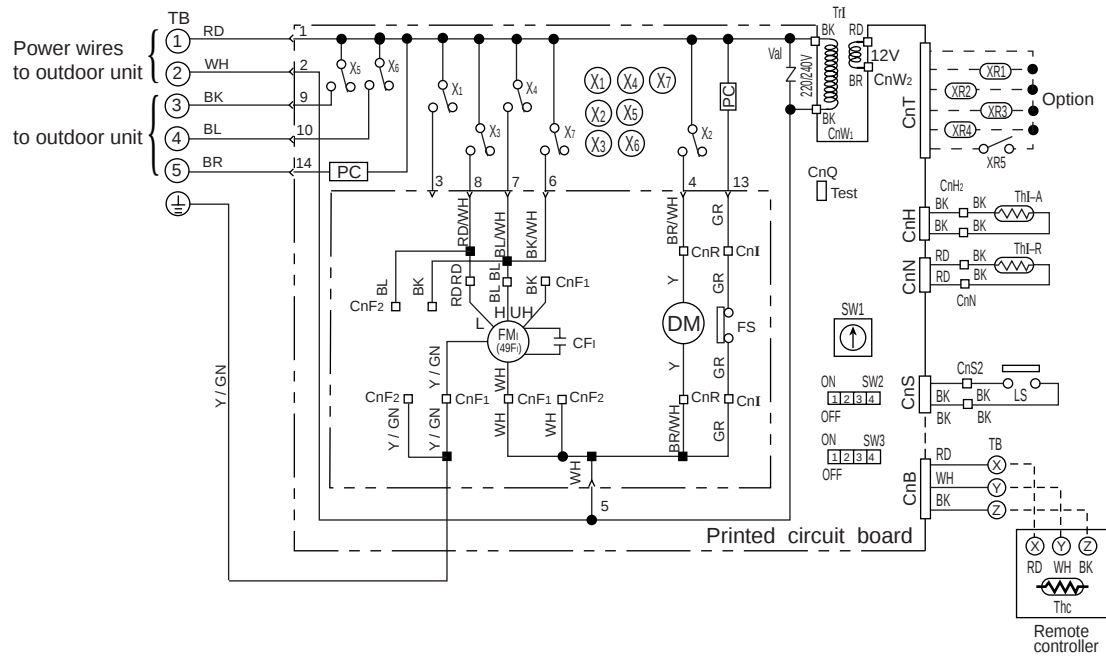
Mark	Parts name	Mark	Parts name	Mark	Parts name
FMi1, 2	Fan motor (indoor unit)	Thc	Thermistor	CnA-W	Connector
49Fi	Internal thermostat for FMi	Thi-A	Thermistor	TB	Terminal block
CFi1, 2	Capacitor for FMi	Thi-R	Thermistor	■	Connector
DM	Drain motor	Tr	Transformer	◁	Terminal (F)
FS	Float switch	Va	Varistor	SW1	Switch (Address set)
X1-7	Auxiliary relay	PC	Photo coupler	SW2, 3	Changeover switch

Color mark

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	Y/GN	Yellow/Green
BR	Brown	RD/WH	Red/White
GR	Gray	BL/WH	Blue/White
OR	Orange	BK/WH	Black/White
RD	Red	BR/WH	Brown/White

(c) Ceiling mounted duct type (FDUR)

Models All models



Meaning of marks

Mark	Parts name	Mark	Parts name
FM	Fan motor (indoor unit)	Tr	Transformer
49Fi	Internal thermostat for FMi	Vai	Varistor
CF	Capacitor for FMi	PC	Photo coupler
DM	Drain motor	CnA ~ W	Connector
FS	Float switch	TB	Terminal block
X1-7	Auxiliary relay	■	Connector
Thc	Thermistor	<	Terminal (F)
Thi-A	Thermistor	SW1	Switch (Address set)
Thi-R	Thermistor	SW2, 3	Changeover switch

Color mark

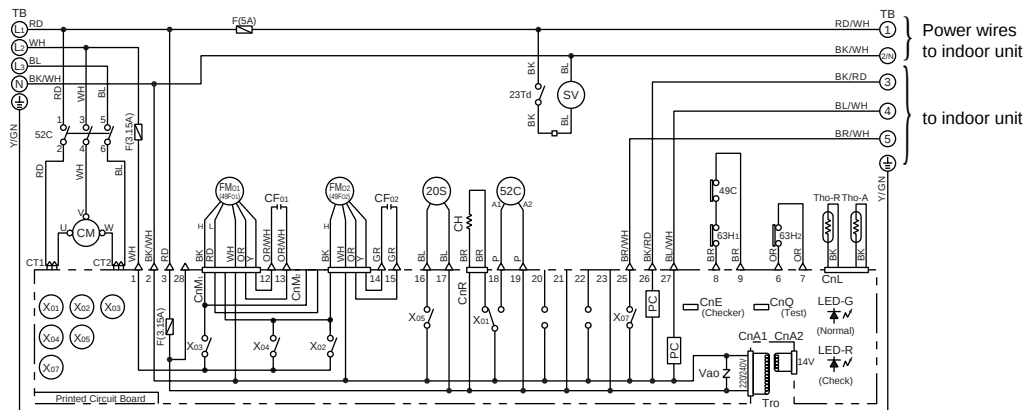
Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	Y/GN	Yellow/Green
BR	Brown	RD/WH	Red/White
GR	Gray	BL/WH	Blue/White
OR	Orange	BK/WH	Black/White
RD	Red	BR/WH	Brown/White

(2) Outdoor unit

Models FDCP808HES3, 1008HES3

Power source

3Phase 380-415V 50Hz



Meaning of marks

Mark	Parts name	Mark	Parts name
CM	Compressor motor	LED-R	Indication lamp (Red)
FMo1,2	Fan motor (outdoor unit)	CT1,2	Current sensor
52C	Magnetic contactor for CM	Tho-R	Thermistor (outdoor H.Ex.temp.)
49C	Internal thermostat for CM	Tho-A	Thermistor (outdoor air temp.)
49Fo1,2	Internal thermostat for FMo	Tro	Transformer
CH	Crankcase heater	Vao	Varistor
CFo1,2	Capacitor for FMo	PC	Photo coupler
Xo	Auxiliary relay	CnA-R	Connector
63H1	High pressure switch (for protection)	TB	Terminal block
63H2	High pressure switch (for control)	SV	Solenoid valve (for control)
F	Fuse	23Td	Thermostat
LED-G	Indication lamp (Green)		

Color mark

Mark	Color	Mark	Color
BK	Black	BK/RD	Black/Red
BL	Blue	BK/WH	Black/White
BR	Brown	BL/WH	Blue/White
GR	Gray	BR/WH	Brown/White
OR	Orange	OR/WH	Orange/White
P	Pink	RD/WH	Red/White
RD	Red	Y/GN	Yellow/Green
WH	White	Y	Yellow