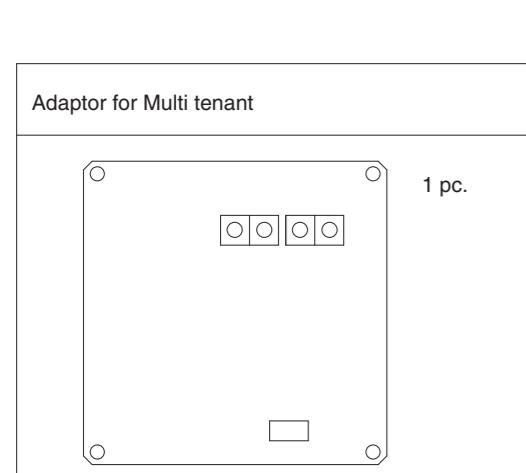


Daikin Air Conditioner

DTA114A61 • 61-9

Adaptor for Multi tenant Installation Manual

Accessories Check that the following accessories are provided with the adaptor before installation.



PCB support	4 pcs.
Tiewrap	4 pcs.
Relay harness	4 pcs. (see the table on the right-hand side for applicable models)
Installation Manual	1 pc.

Applicable models	Relay harness
FXFQ-P	700 White, 4 pins UL electric wire
FXMQ-P	350 White, 4 pins UL electric wire
BSVQ-P	260 White, 3 pins UL electric wire
FXAQ-M	1900 White, 3 pins VCTF electric wire

Note

- An adaptor mounting plate and mounting box are required in addition to the provided component parts in the case of mounting the adaptor to the following models.

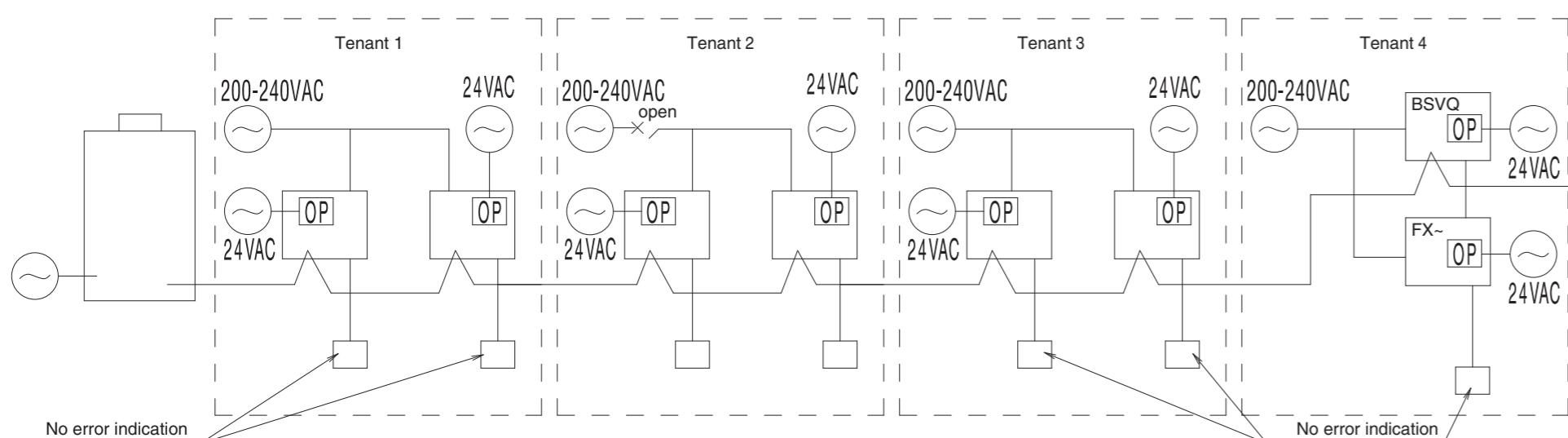
FXFQ-P: KRP1H98
FXMQ-P: KRP4A96
FXAQ-M: KRP4A93

- Both ends of harness are for connection of PCB of indoor unit (or BS unit) and for connection of adaptor for multi tenant. Be careful when connecting them.

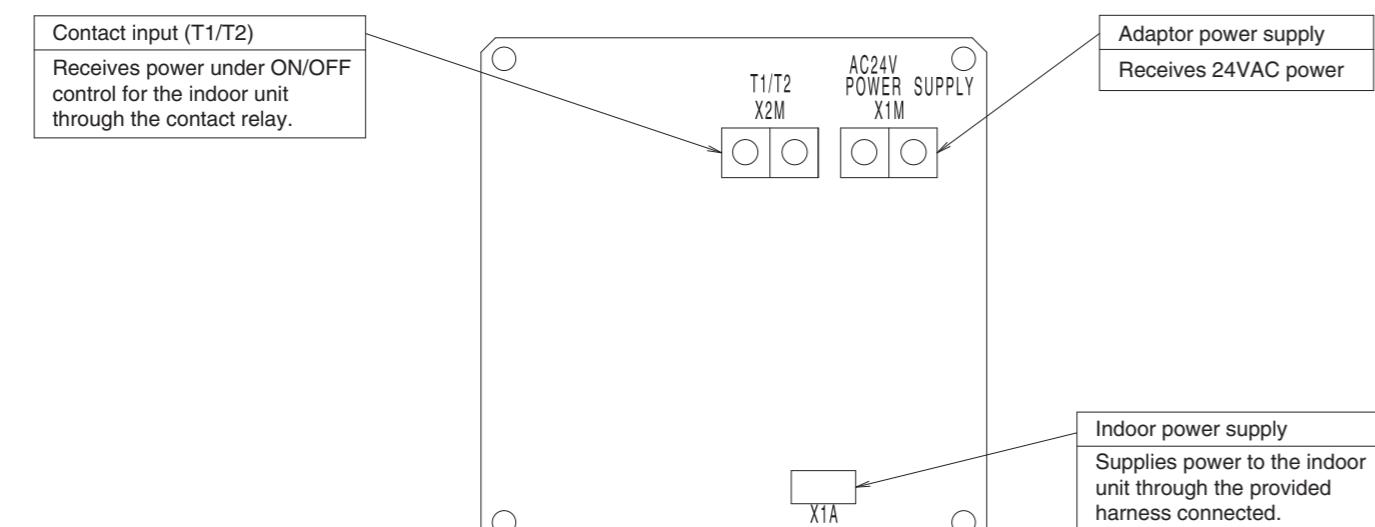
For the installation instructions of models NOT mentioned in this manual, scan the QR code to access the website with photo manuals.

1 GENERAL DESCRIPTION OF SYSTEM

- The use of this adaptor allows the system to operate with no system error indication in the event of the interruption of power supply to other indoor units. (In the case of the following diagram, there will be no error indication on the remote controllers of tenant 1 or tenant 3 or tenant 4 in the event of the interruption of power supply to tenant 2.)



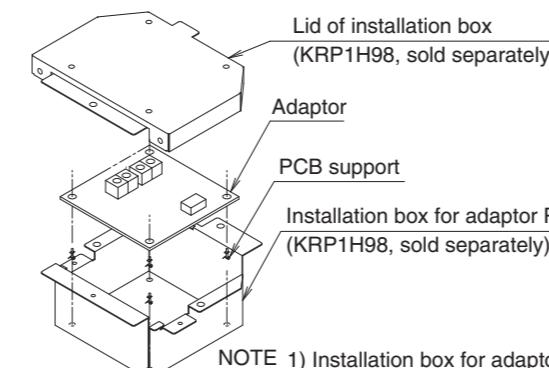
2 NAMES AND FUNCTIONS



3 INSTALLATION

«Ceiling-mounted Cassette Round-flow Type»

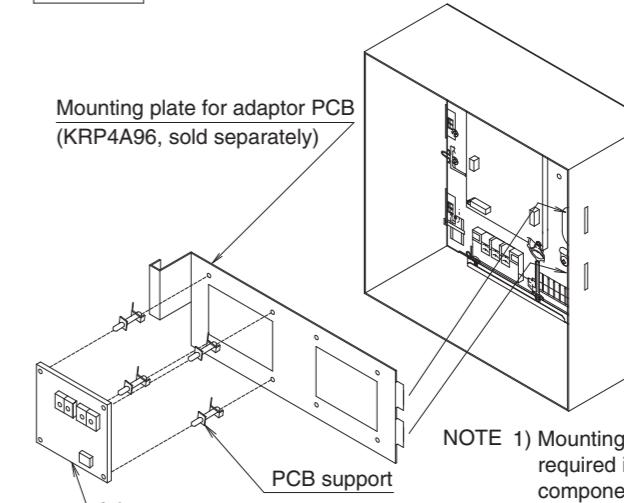
FXFQ



NOTE 1) Installation box for adaptor PCB is required in addition to the provided component parts in the case of mounting the adaptor.
2) Connect the wiring to the adaptor PCB first. The work will be easier.
(Refer to **5 METHOD OF WIRING**.)

«Ceiling-mounted Duct Type»

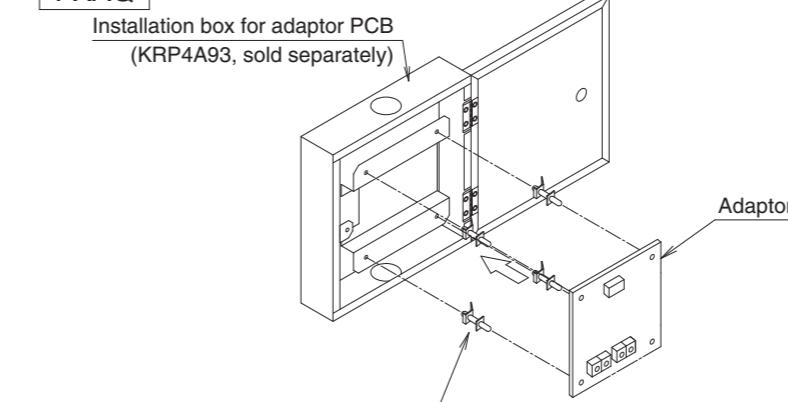
FXMQ



NOTE 1) Mounting plate for adaptor PCB is required in addition to the provided component parts in the case of mounting the adaptor.
2) Connect the wiring to the indoor PCB first. The work will be easier.
(Refer to **5 METHOD OF WIRING**.)

«Wall-mounted type»

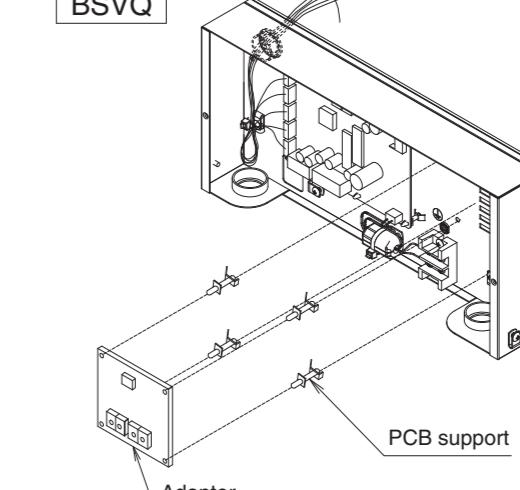
FXAQ



NOTE) Installation box for adaptor PCB is required in addition to the provided component parts in the case of mounting the adaptor.

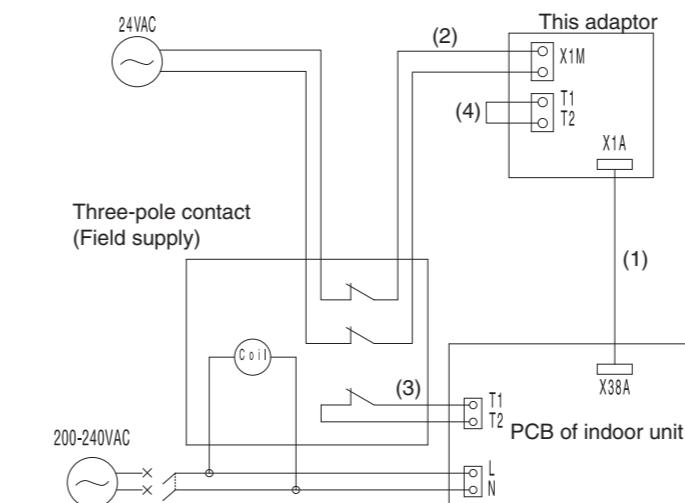
«BS unit»

BSVQ



4 ELECTRIC WIRING

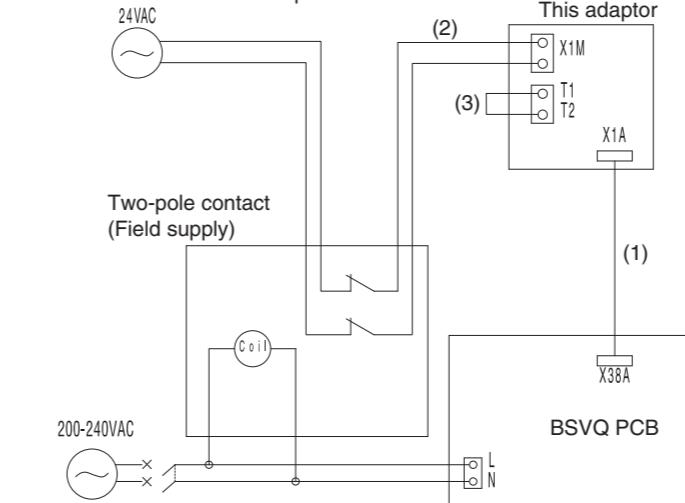
• Example with FXFQ, FXAQ, and FXMQ



(1) Connect this adaptor and the PCB of the indoor unit with the provided relay harness (varying with each indoor unit model).
(2) Connect the 24VAC ($\pm 20\%$) power supply to the X1M terminals of the adaptor through the normally closed contacts of the relay. Be sure to contact the relay contacts to both poles of the power supply so that the positive and negative lines of the power supply will be turned off simultaneously. A transformer may be used for the 24VAC power supply provided for each adaptor on the condition that the transformer has a capacity of 24VA or over.
(3) Provide a relay (with a normally closed contact) between the T1 and T2 terminals of the PCB.
Minimum contact load: 1mA normally closed contact at 15VDC
Rated current: 3 A min.
Wire specifications: Vinyl cord with sheath or cable (2 wire)
Wiring thickness: 0.75 to 1.25 mm²
Wiring length: 100 m max.

(4) Short-circuit the T1 and T2 terminals of the adaptor.

• Example with BSVQ



(1) Connect the adaptor and BSVQ PCB through the relay harness.
(2) Connect the 24VAC ($\pm 20\%$) power supply to the X1M terminals of the adaptor through the normally closed contacts of the relay. Be sure to contact the relay contacts to both poles of the power supply so that the positive and negative lines of the power supply will be turned off simultaneously. A transformer may be used for the 24VAC power supply provided for each adaptor on the condition that the transformer has a capacity of 24VA or over.

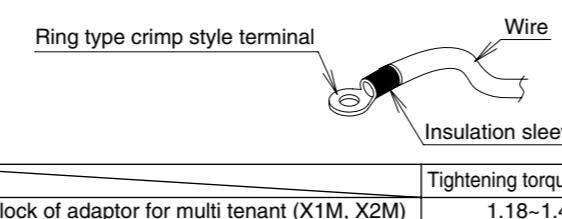
(3) Short-circuit the T1 and T2 terminals of the adaptor.

Minimum contact load: 1mA normally closed contact at 15VDC
Rated current: 3 A min.
Wire specifications: Vinyl cord with sheath or cable (2 wire)
Wiring thickness: 0.75 to 1.25 mm²
Wiring length: 100 m max.

5 METHOD OF WIRING

(CAUTION)

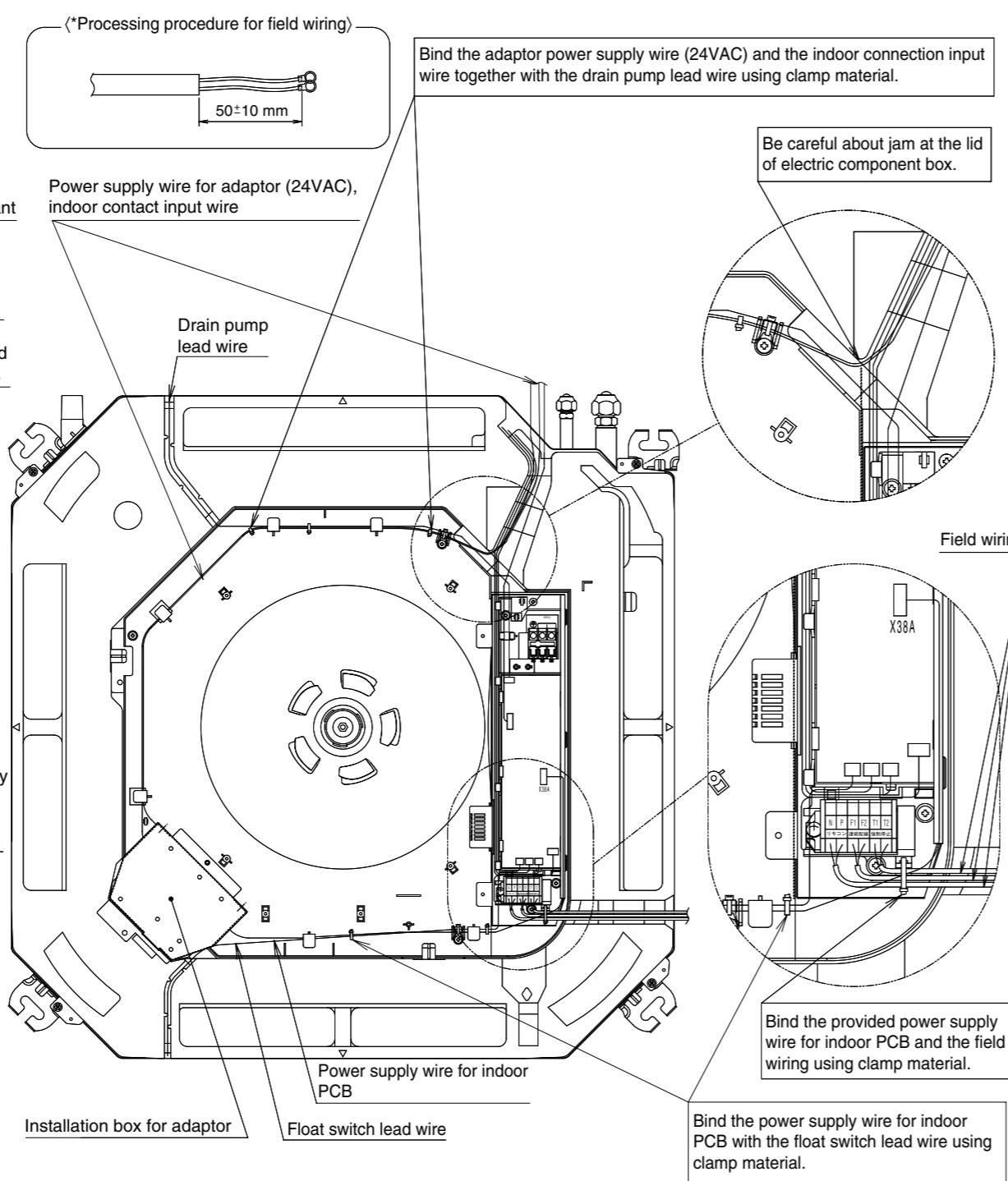
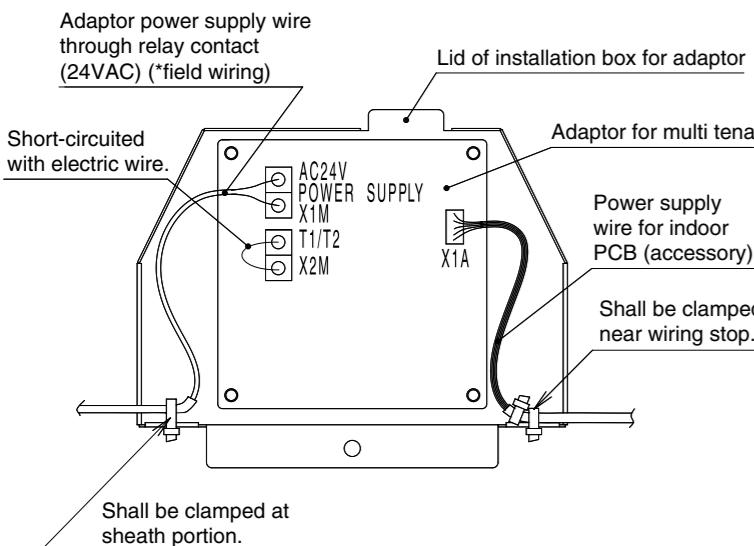
- For connection to the terminal block, be sure to use a ring type crimp style terminal. Also insulate the crimping portion, for example, by mounting an insulation sleeve.
- For wiring, use the specified wire to connect it securely and fix it so that external force is not applied to the terminal.
- For tightening the terminal screw, use a proper screwdriver. A smaller size screwdriver may damage the screw head, resulting in improper tightening.
- If the terminal screw is secured too tightly, the screw may be damaged. For tightening torque for terminal screw, see the table on the right-hand side.



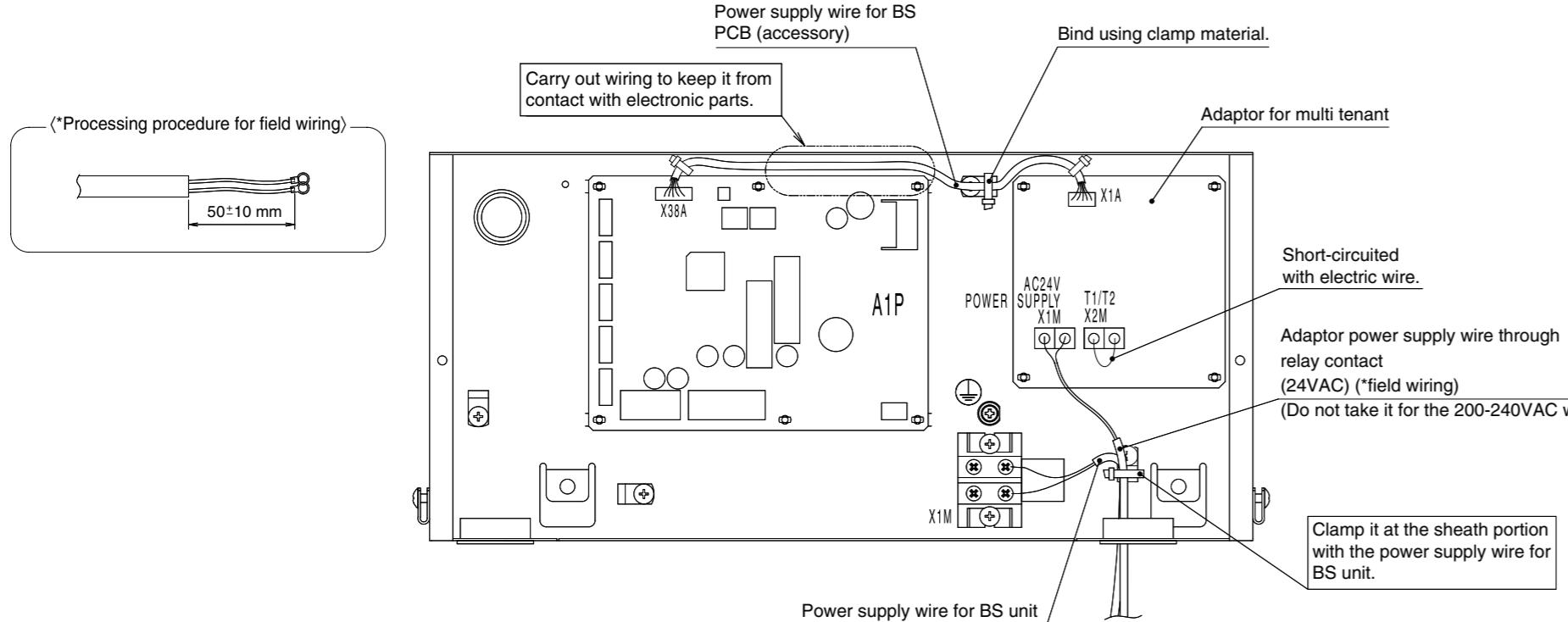
Terminal block of adaptor for multi tenant (X1M, X2M) Tightening torque (N · m) 1.18-1.44

● FXFQ (Ceiling-mounted Cassette Round-flow Type)

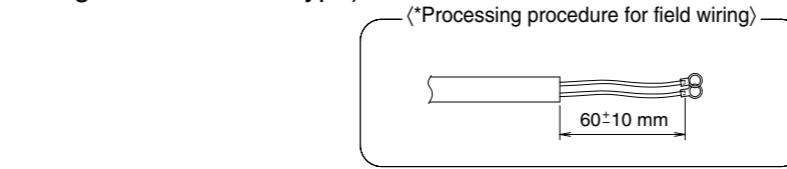
⟨In the case of mounting to lid of installation box for adaptor⟩



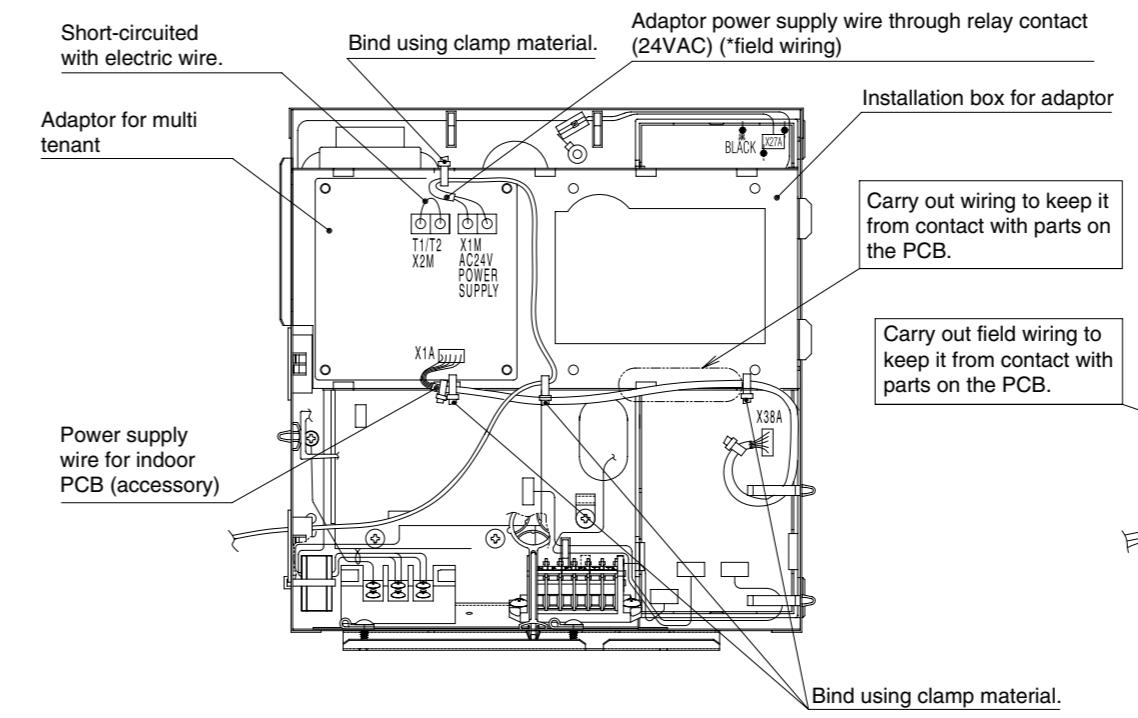
● BSVQ (BS unit)



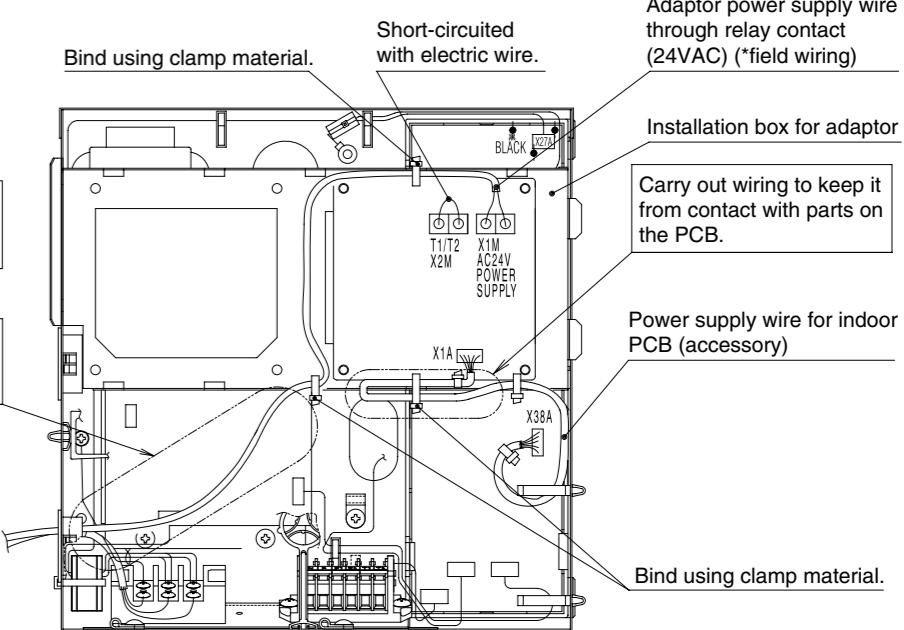
● FXMQ (Ceiling-mounted Duct Type)



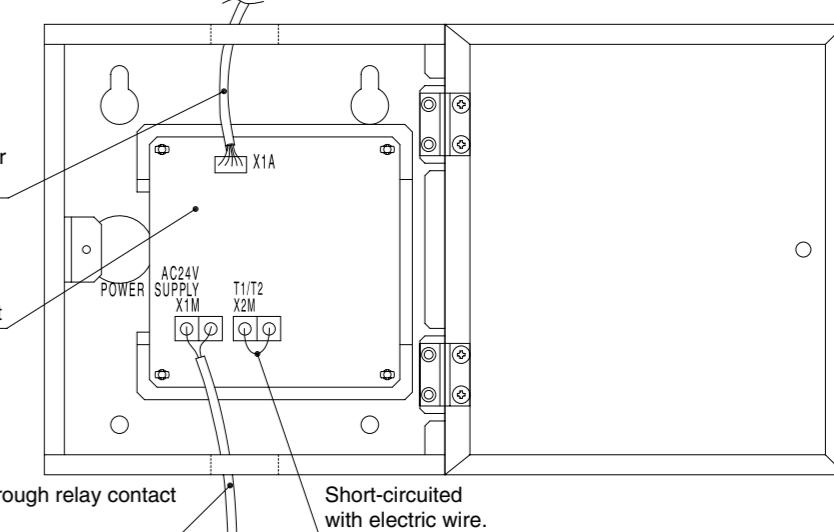
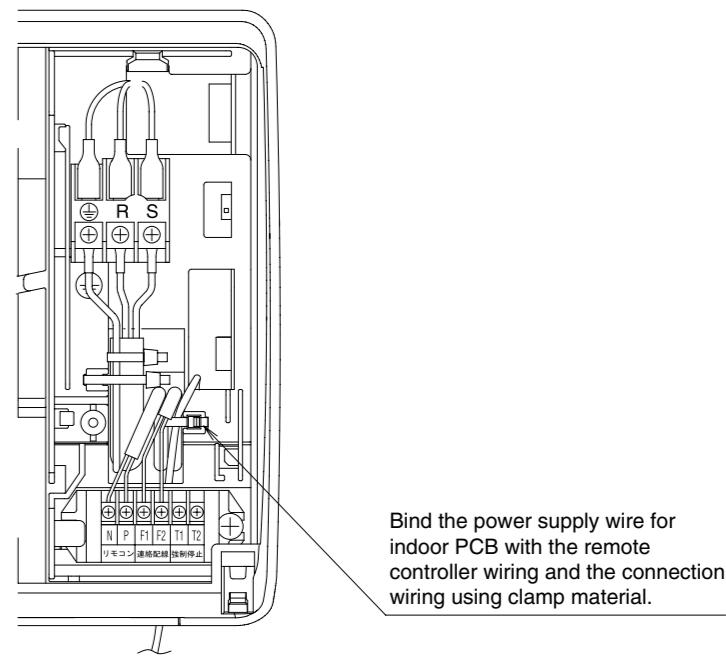
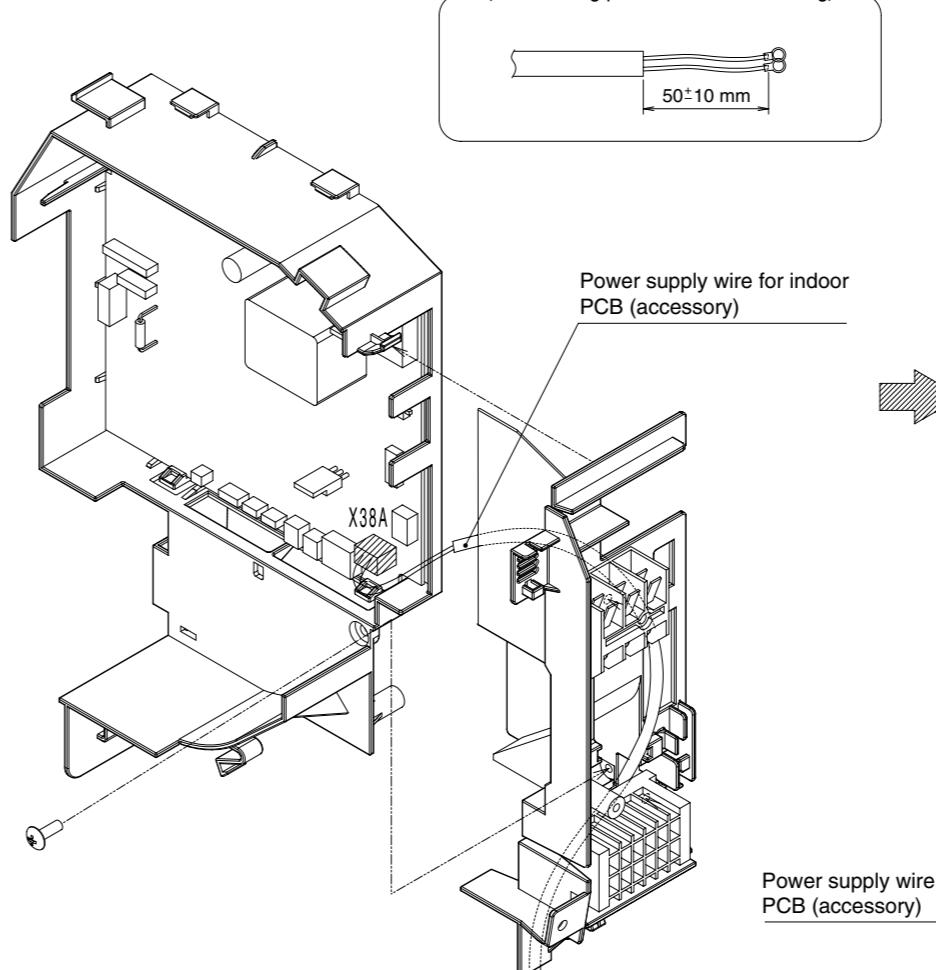
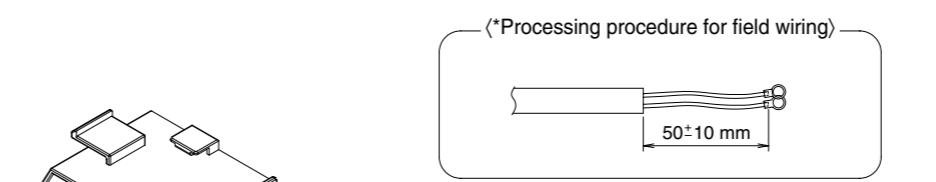
⟨In the case of mounting to installation box for adaptor (left)⟩



⟨In the case of mounting to installation box for adaptor (right)⟩



● FXAQ (Wall-mounted type)



6 FIELD SETTING

Follow the "FIELD SETTING" in the installation manual of the remote controller for the indoor unit and make a necessary field setting in the remote controller after turning the air conditioner ON.

- Set the remote controller to field set mode, select Mode No. "12", and set the FIRST CODE NO. to "1" and the SECOND CODE NO. to "04". (The SECOND CODE NO. is factory set to "01".)

Note: The remote control terminals (T1 and T2) of the indoor unit is for multi-tenant use. Therefore, the COMPUTERIZED CONTROL of the indoor unit is not available.