

A small, dark gray geometric shape, resembling a stylized triangle or a folded piece of paper, is positioned to the left of the main title.

Owner's Manual

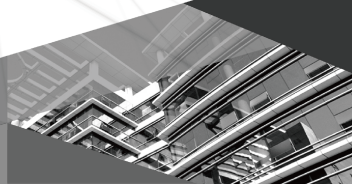
Original Instructions

Adapter DQ01/A

Thank you for choosing this product. Please read this Owner's Manual carefully before operation and retain it for future reference.

If you have lost the Owner's Manual, please contact the local agent or visit www.gree.com or send an email to global@cn.gree.com for the electronic version.

GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI



To Users

Thank you for selecting Gree product. Please read this instruction manual carefully before installing and using the product, so as to master and correctly use the product. In order to guide you to correctly install and use our product and achieve expected operating effect, we hereby instruct as below:

- (1) This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- (2) This instruction manual is a universal manual, some functions are only applicable to particular product. All the illustrations and information in the instruction manual are only for reference, and control interface should be subject to actual operation.
- (3) In order to make the product better, we will continuously conduct improvement and innovation. If there is adjustment in the product,

please subject to actual product.

- (4) If the product needs to be installed, moved or maintained, please contact our designated dealer or local service center for professional support. Users should not disassemble or maintain the unit by themselves, otherwise it may cause relative damage, and our company will bear no responsibilities.

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1 Safety Notices



WARNING!

Improper operation may lead to injury, death or a serious malfunction.



WARNING!

- (1) Installation and repair must only be carried out by the company's authorized service technician. Read this manual carefully before installation.
- (2) Ensure power is not connected before installation work is finished.
- (3) To achieve the expected functions, please install in compliance with the installation instructions.
- (4) Never install the adapter under direct sunlight or near the source of heat to avoid danger.
- (5) One adapter can only be connected with one indoor unit.
- (6) Do not use an extension cord for the communication line. The

distance between indoor unit and adapter is within 2m.

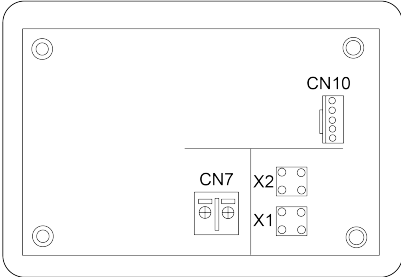
(7) Please comply with local and national electrical safety regulations.

(8) Keep this manual in a safe place for future maintenance or transit.

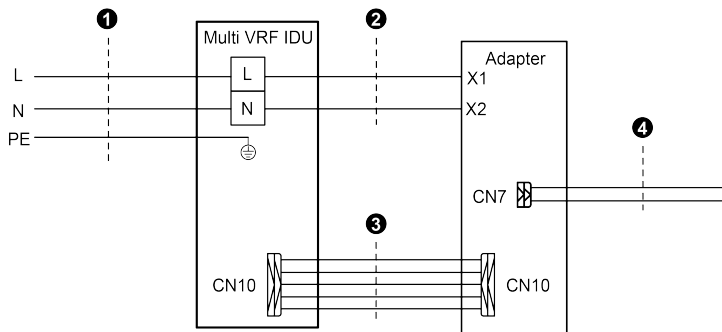
2 Product Introduction

Product standard: EN60335-1:2012

3 Functions and Features of Adapter

Outline drawing	 The diagram shows a rectangular adapter unit with four mounting screws at the corners. On the right side, there is a vertical terminal block labeled CN10 with five pins. On the bottom center, there is a terminal block labeled CN7 with two pins, one marked with a plus sign and the other with a minus sign. To the right of the CN7 block are two pairs of terminals labeled X2 (top) and X1 (bottom), each pair consisting of two circular terminals.
Functions	(1) Below is a simplified diagram of wiring between the Adapter and the indoor unit:(Single-phase power supply)

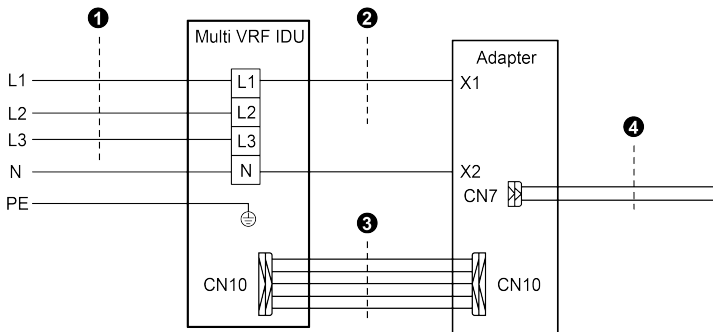
Functions



- 1** Power cord
- 2** Power cord between IDU and Adapter
- 3** Communication lines between IDU and adapter
- 4** AC24V Power supply for the Adapter

Functions

(2) Below is a simplified diagram of wiring connection between the Adapter and the indoor unit:(Three-phase power supply)



- ❶ Power cord
- ❷ Power cord between IDU and Adapter
- ❸ Communication lines between IDU and adapter
- ❹ AC24V Power supply for the Adapter

(3) Wiring terminals on the Adapter:

Terminal CN7: 24V AC power supply terminal.

Terminals X1, X2: AC power detection port.

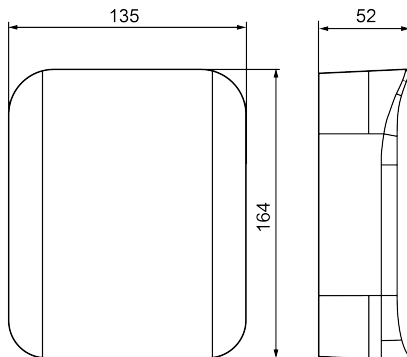
Terminal CN10: connect to CN10 on the main board of the indoor unit.

4 Installation Instructions

4.1 Outline Dimensions

Outline dimensions of the adapter shown below are for reference only. For the actual outline dimensions, please refer to the current product.

Unit: mm



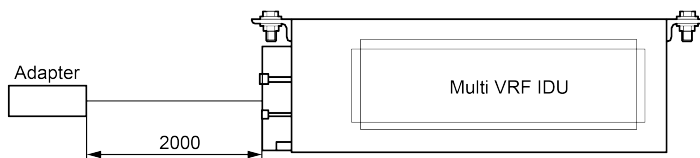
4.2 Installation Method

- (1) Twist off the screw fixing the panel, and open the panel of DQ01/A.
- (2) Check whether the screw fixing the main board is loose. If yes,

tighten up the screw.

- (3) Stick the base of DQ01/A on the installation position (for example, the wall), use a screw to fix the base onto the wall through the installation hole.
- (4) Pass a connection wire through a rubber ring and connect it to the corresponding wiring terminal. Then tighten up the contact screw so that the wire is securely fixed.
- (5) Hold the wire with a wire clip and then tighten up the screw of the wire clip.
- (6) Close the panel of DQ01/A and tighten the fixing screw of the panel.
- (7) Connect a communication cable to the interface CN10 on the main board of the indoor unit. Do not use extension cords for the communication cable. The distance between the indoor unit and the adapter is within 2m, as shown below.
- (8) The IDU equipped with this adapter has no setback function.
- (9) During the commissioning of the VRF system, the indoor unit should be connected to power as normal.

Unit: mm



(10) It's recommended to install the product indoors at a temperature range of 0°C~50°C

5 Standard Accessories

Please use the following standard accessories as required.

No.	Name	QTY
1	Communication cable (2m long)	1
2	Casing of adapter	1
3	Main board of adapter	1
4	Owner's Manual	1
5	Self-tapping screw ST4.8×38 PA	3



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