V1 – 240025

ELECTRICAL INTERCONNECTION

WATER- OR AIR CONDENSING SPLIT SYSTEM
COOLING ONLY OR REVERSIBLE
DUCTED INDOOR UNIT (GI)

UGS201WA (GI14-18/75Pa) – UGS202WA (GI24/75Pa) – UGS301WA (GI36-40/150Pa).

- You will find attached various diagrams of the electrical interconnection between a condensing unit FA or FW with a ducted indoor unit.
- This document must go with the instructions of the indoor unit.
- You must select the diagram(s) corresponding to your installation.

The reference of the LTB condensing unit starts with :	FW (water condensing)	
The title of the diagram is:	FW single-phase cooling only	SE1069A

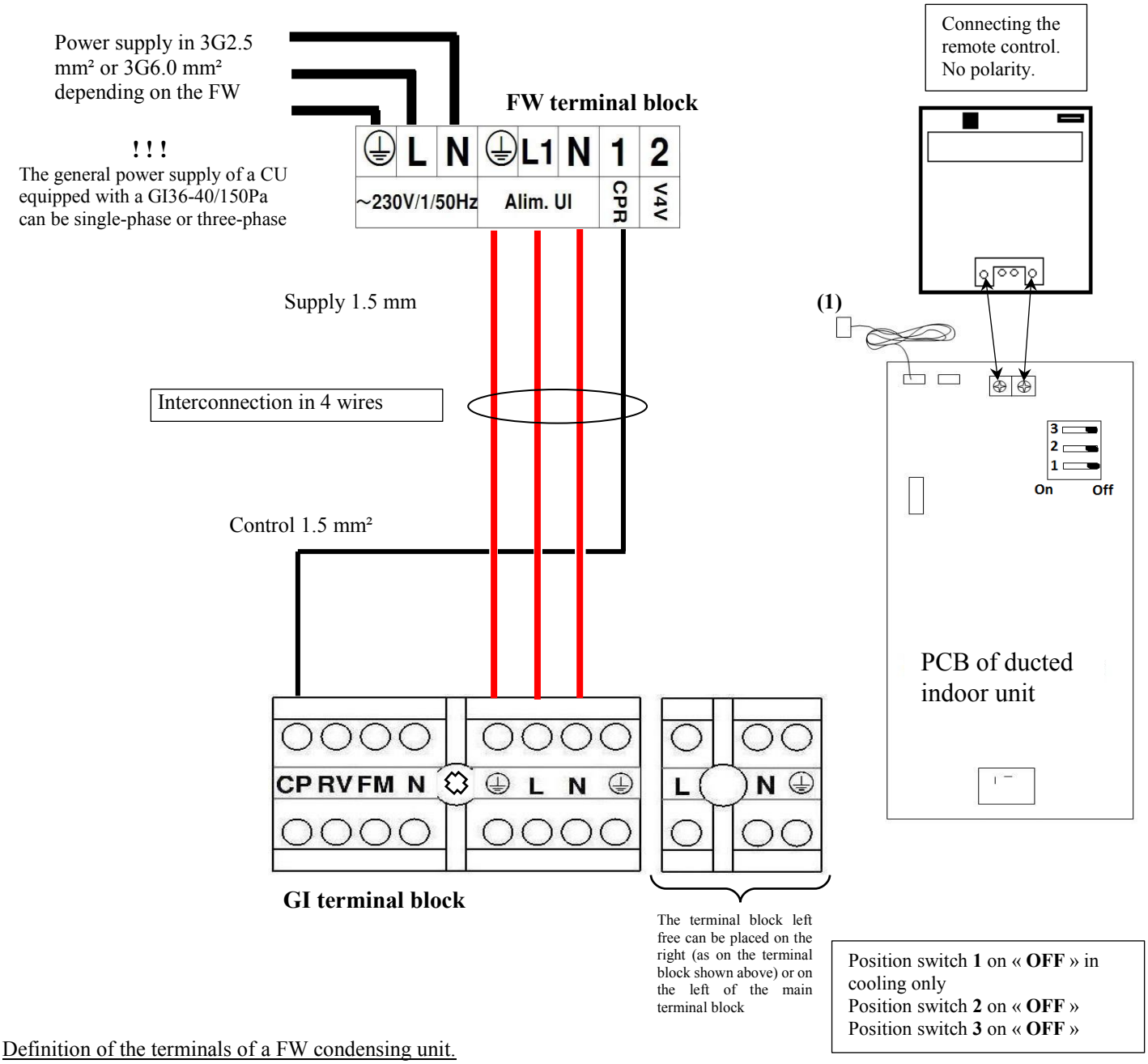
The reference of the LTB condensing unit starts with :	FW (water condensing)	
The title of the diagram is:	FW single-phase reversible	SE1071A

The reference of the LTB condensing unit starts with :	FA (air condensing)	
The title of the diagram is:	FA single-phase cooling only	SE1070A

The reference of the LTB condensing unit starts with :	FA (air condensing)	
The title of the diagram is:	FA single-phase reversible	SE1072A

SE1069A

Your condensing unit is**: a FW (water condensing) single-phase cooling only**.
Your indoor unit is: **a GI14-18 (75Pa) or GI24 (75Pa) or GI36-40 (150Pa).**



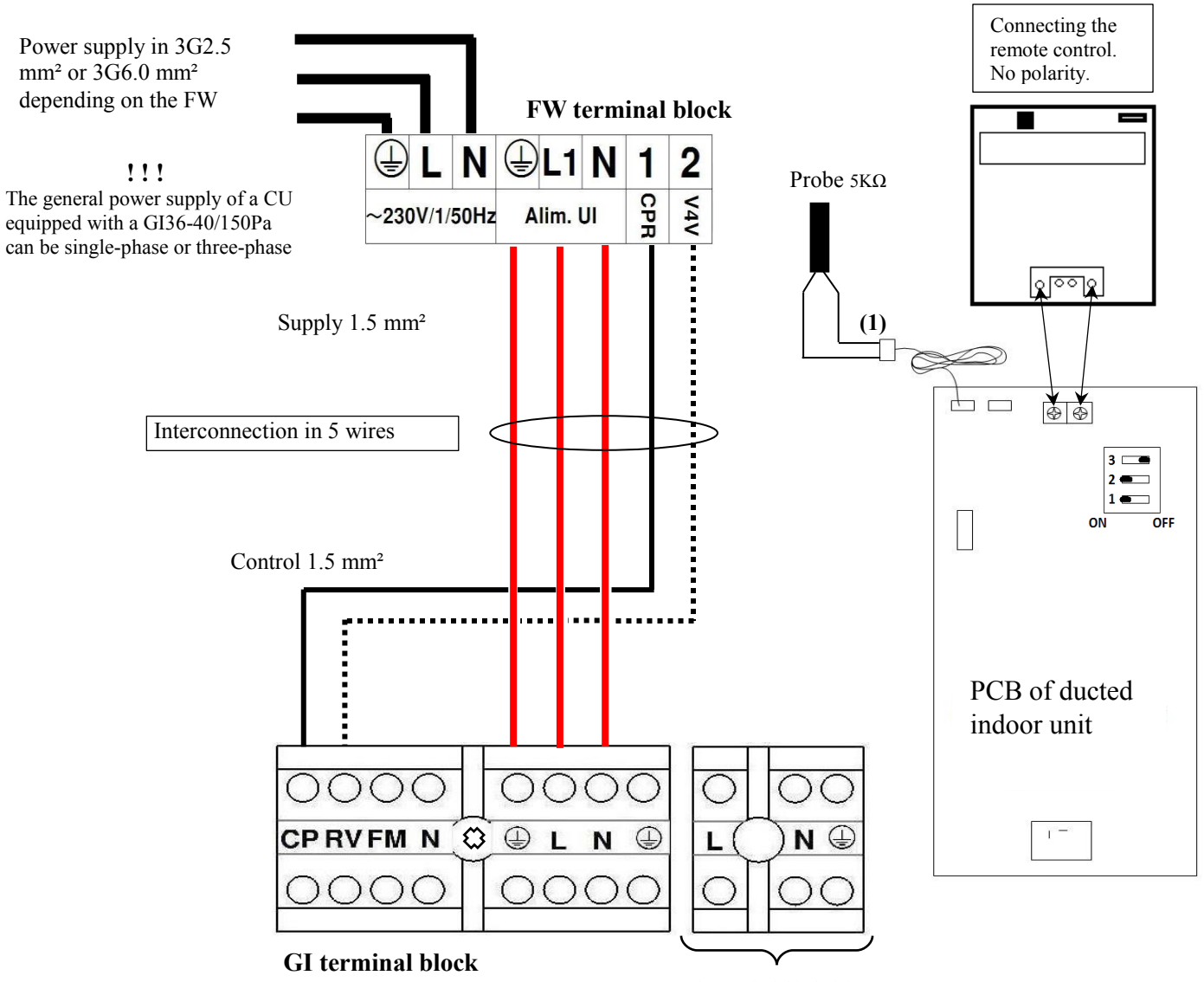
Definition of the terminals of a FW condensing unit.

- L1-L : Phase.
- N : Neutral.
- ⏚ : Earth.
- 1 (CPR) : Compressor running control.

The cable sections are recommendations. The final choice is the responsibility of the installer.
(1) The supplied probe and the extension are not used in this configuration.
If your FW is a bisplit or a trisplit, terminal 11 for circuit 1, terminal 21 is for circuit 2, terminal 31 is for circuit 3.

SE1071A

Your condensing unit is**: a FW (water condensing) single-phase reversible**.
Your indoor unit is: **a GI14-18 (75Pa) or GI24 (75Pa) or GI36-40 (150Pa).**



Position switch **1** on « **ON** » in reversible
Position switch **2** on « **ON** »
Position switch **3** on « **OFF** »

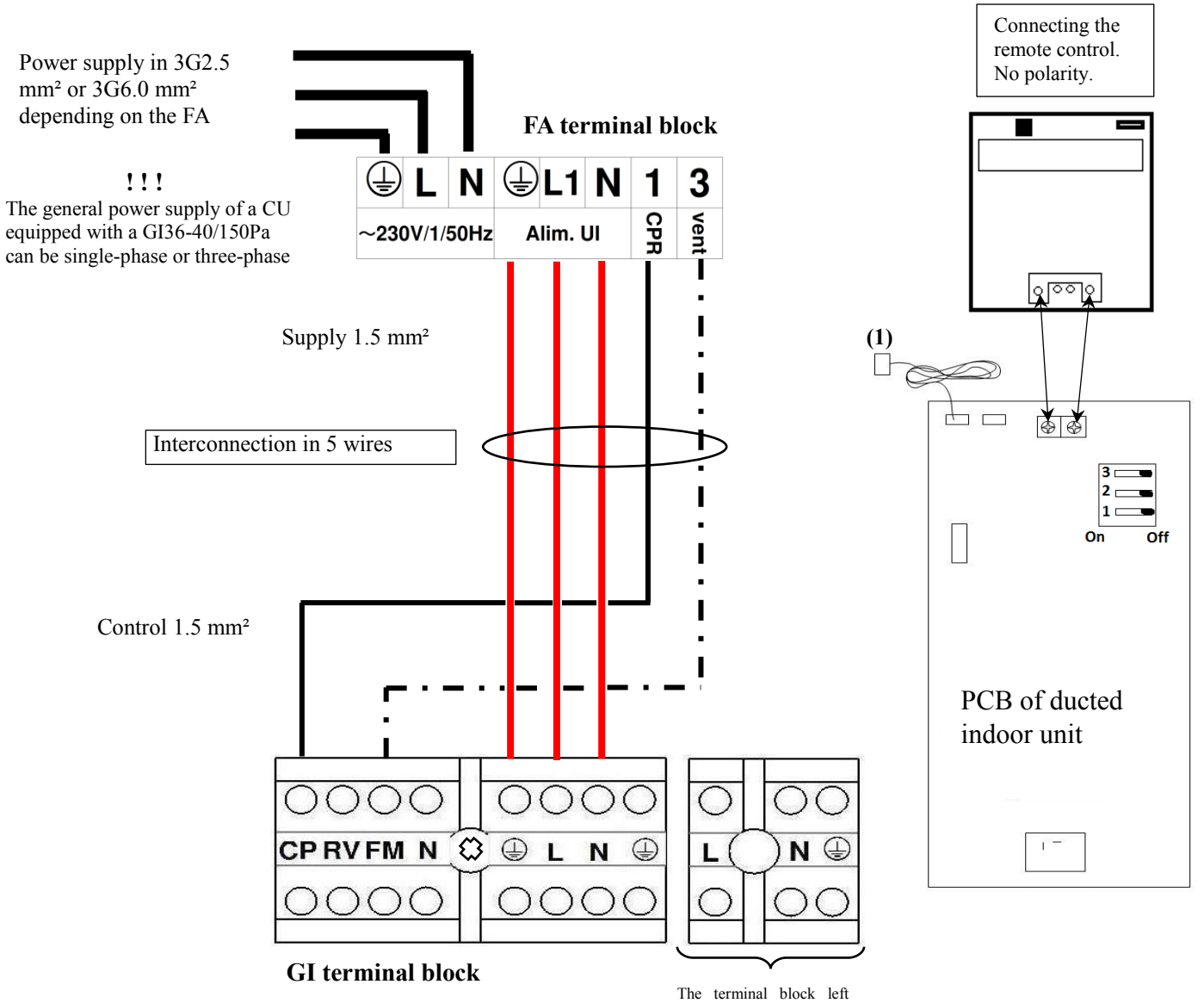
Definition of the terminals of a FW condensing unit.

- L1-L : Phase.
- N : Neutral.
- ⏚: Earth
- 1 (CPR) : Compressor running control. ——
- 2 (V4V) : Control reverse cycle valve. ·····

The cable sections are recommendations. The final choice is the responsibility of the installer.
(1) Connect the supplied probe and the extension to the OPT connector and leave the assembly in the electrical compartment.
If your FW is a bisplit, terminals 11 and 12 are for circuit 1, terminals 21 and 22 are for circuit 2.

SE1070A

Your condensing unit is: **a FA (air condensing) single-phase cooling only.**
Your indoor unit is: **a GI14-18 (75Pa) or GI24 (75Pa) or GI36-40 (150Pa).**



Position switch **1** on « **OFF** » in cooling only
Position switch **2** on « **OFF** »
Position switch **3** on « **OFF** »

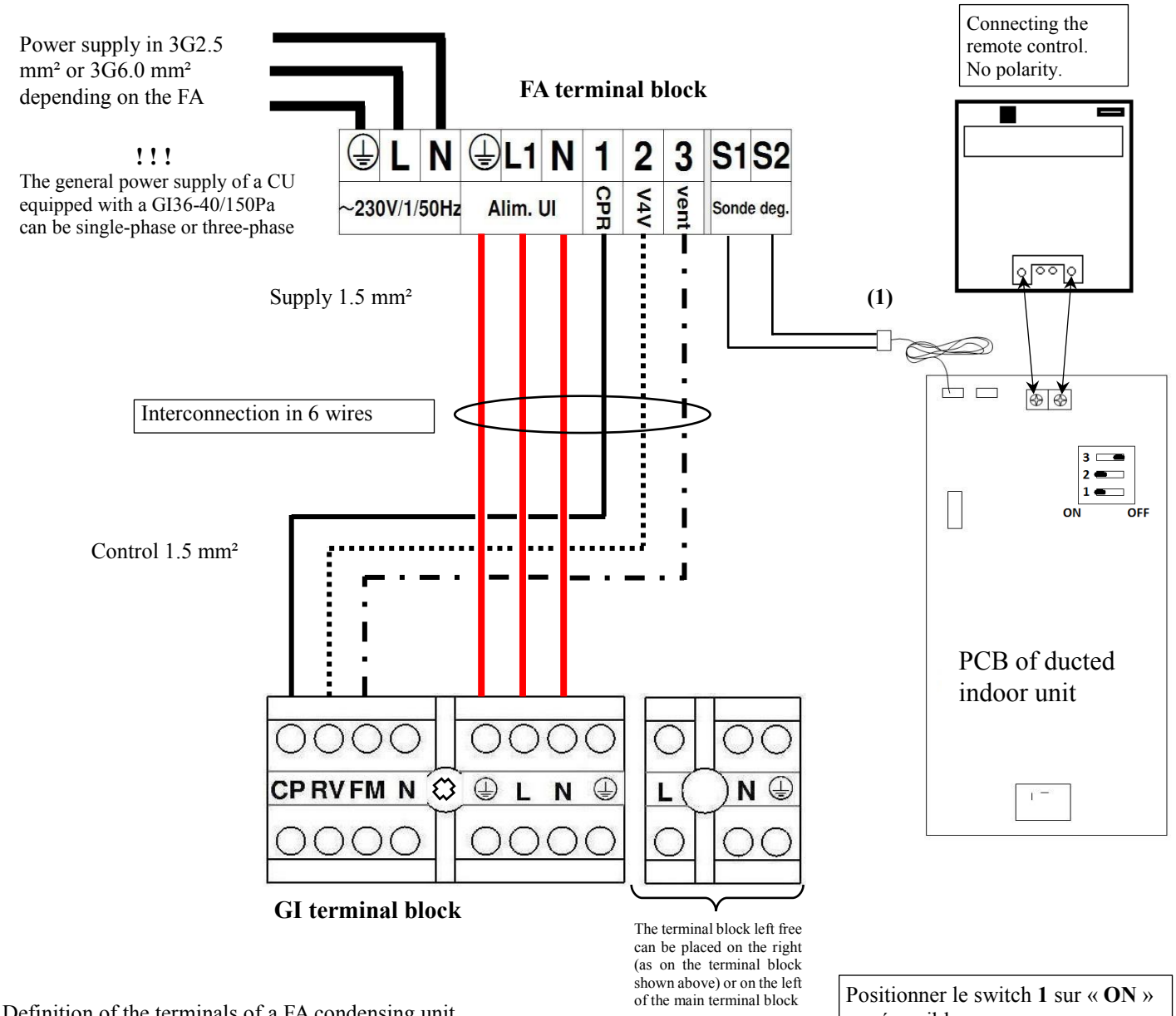
Definition of the terminals of a FA condensing unit.

- L1-L : Phase.
- N : Neutral.
- ⏚ : Earth.
- 1 (CPR) : Compressor running control.
- 3 (VENT) : Outdoor fan running control.

The cable sections are recommendations. The final choice is the responsibility of the installer.
(1) The supplied probe and the extension are not used in this configuration.
If your FA is a bisplit or a trisplit, terminals 11 and 13 are for circuit 1, terminals 21 and 23 are for circuit 2, terminals 31 and 33 for circuit 3.

SE1072A

Your condensing unit is: **a FA (air condensing) single-phase reversible.**
Your indoor unit is: **a GI14-18 (75Pa) or GI24 (75Pa) or GI36-40 (150Pa).**



Positionner le switch **1** sur « **ON** » en réversible
Positionner le switch **2** sur « **ON** »
Positionner le switch **3** sur « **OFF** »

Definition of the terminals of a FA condensing unit.

- L1-L : Phase.
- N : Neutral.
- ⏚: Earth.
- 1 (CPR) : Compressor running control.
- 2 (V4V) : Control reverse cycle valve.
- 3 (VENT) : Outdoor fan running control.
- S1/S2 : 5KΩ external battery defrost probe to be connected to the OPT connector of the IU.

The cable sections are recommendations. The final choice is the responsibility of the installer.
(1) Connect the extension on one side to the OPT connector of the electronic board and the other to the S1, S2 terminals of the FA (no polarity). The remaining probe is not used. If your FA is a bisplit, terminals 11,12 and 13 are for circuit 1, terminals 21,22 and 23 are for circuit 2.