Introduction

The ADM02 (Auxilliary Distribution Module) allows more connections from UCMs, Keypads, Door Stations and other Comfort Modules to be connected to Comfort. The ADM02 which replaces the ADM01 differs by allowing the UCM/GSM to be located further away from Comfort that the standard UCM/GSM cables allow
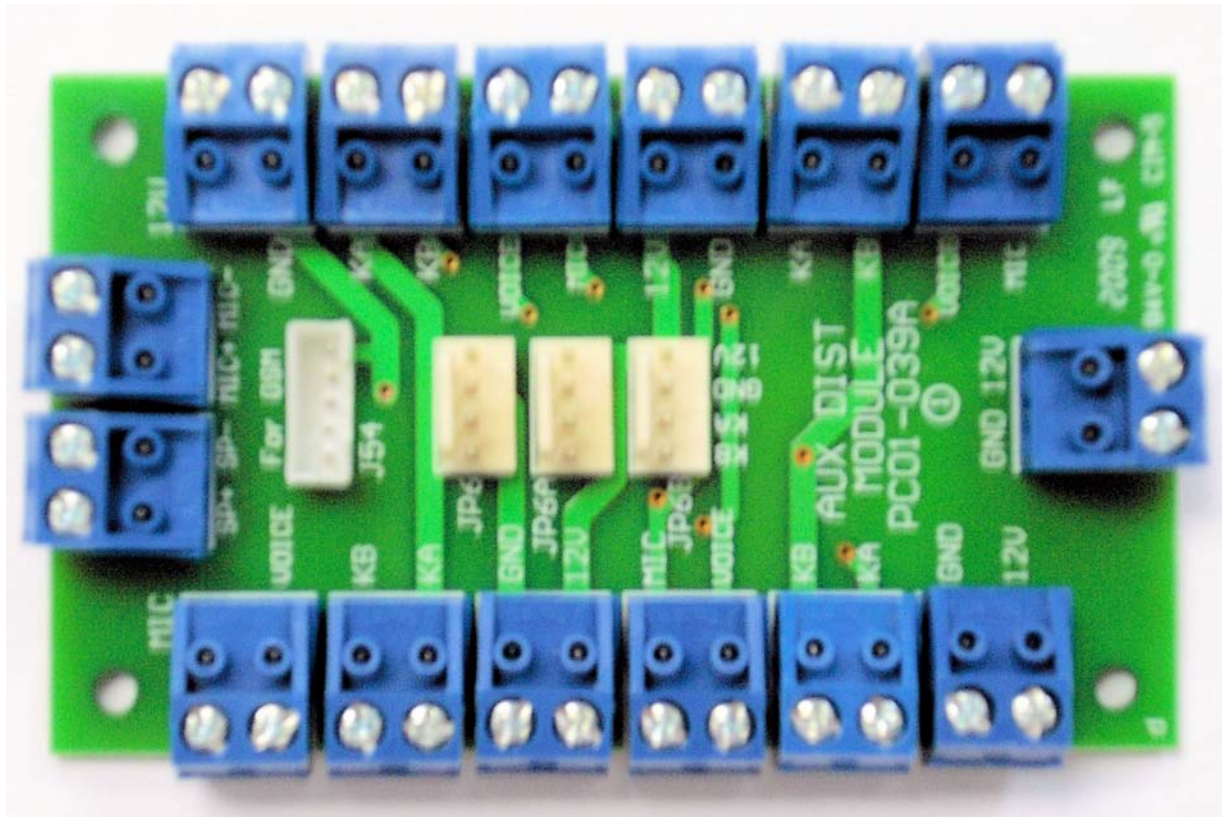

Figure 1 - ADM02

Size

88 x 54 mm. This is the same size as RLY02 and RLY01. This can be mounted in the Comfort enclosure.

Connections

- Comfort RS485 Bus 4 way connector x 3 (JP6, JP6A, JP6B)
- !2V/GND 2-way Terminal Block x 5
- KA/KB 2-way Terminal Block x 4
- Mic/Voice 2-way Terminal Block x 4
- J54 GSM Connector x 1
- MIC+/MIC- 2-way Terminal Block x 1
- SP+/SP- 2-way Terminal Block x 1

Connections to Comfort

Connect 12V/GND, KA/KB and Voice/Mic to the same terminals on Comfort. Alternately connect the white 4 way cable from J6/J6A/J6B to Comfort 4 pins header ("RS485") and Voice/MIC between Comfort and the ADM02.
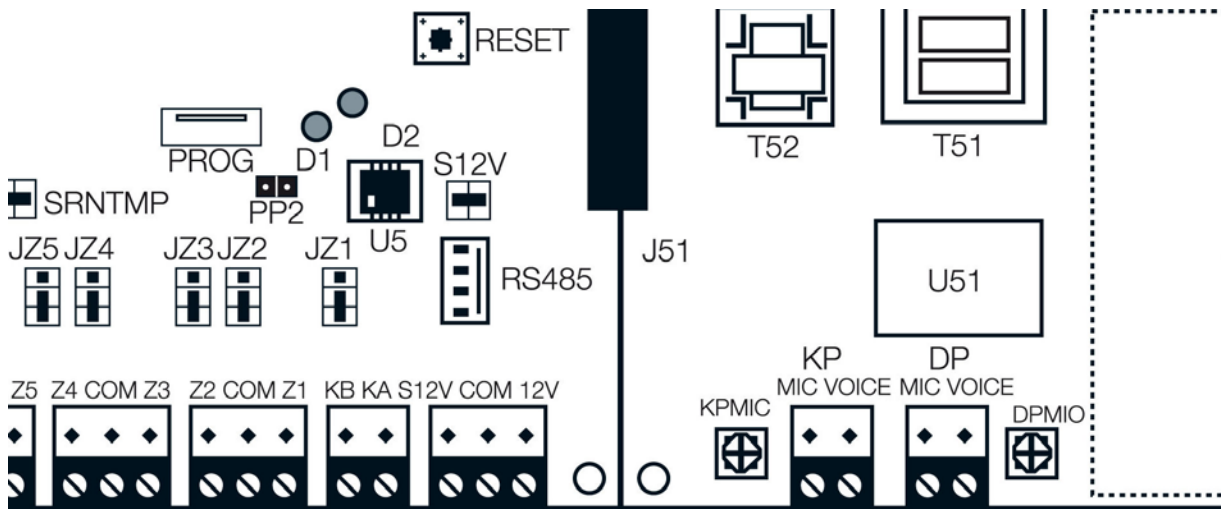
Figure 2 - Comfort Terminal Blocks

Keypads

Connect keypads to 12V/GND, KA/KB and Voice/Mic.

Door Stations

Door Stations have a separate MIC/VOICE from Keypads. If there is a single Door Station in the system, connect its MIC/VOICE directly to the Comfort DP Mic/Voice Terminals shown in figure 2. Connect the 12V/GND and KA/KB from the Door Station to the ADM02 terminals.

If there is more than 1 Door Station, use a separate ADM for the 12V/GND, KA/KB and Voice/Mic terminals

UCMs

Use J6, J6A or J6B this to connect UCMs with the 4 way white cable for UCMs that are mounted close to the ADM. If the UCM is located far from Comfort using a CAT 5 cable to connect between the 12V/GND and KA/KB terminals instead of using the short 4 way cables.

UCM/GSM

If a UCM/GSM is located far from Comfort (in order to obtain better GSM network reception), 2 ADM02s are needed, one near to Comfort and the other near the UCM/GSM. The UCM/GSM needs 12V/GND, KA/KB and the audio 5 way connections J3 on the UCM/GSM.

Connect J54 on the 1st ADM02 to Comfort Connect the 4 way cable between J6, J6A or J6B to the 4 way "RS485" on Comfort

Connect J54 on the 2nd ADM02 to the UCM/GSM and the 4 way cable between J6, J6A, or J6B on the 2nd ADM02 and the UCM/GSM. Connect SP+, SP-, MIC+, MIC-, KA/KB, 12V/GND from one ADM02 to the 2nd one using a CAT 5 cable with the pairs twisted together (SP+/SP-, MIC+/MIC-, KA/KB, 12V/GND)

Important Note

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