

**ACC PC - Controller
Interface for indoor
units**

TECHNICAL MANUAL

ACC-WIRE

For FUJITSU-GENERAL
indoor units compatible
with the wired remote
controllers

**UTB-YUB / UTH(AR)-3TA16
UTB-YUD
UTY-RNKY**



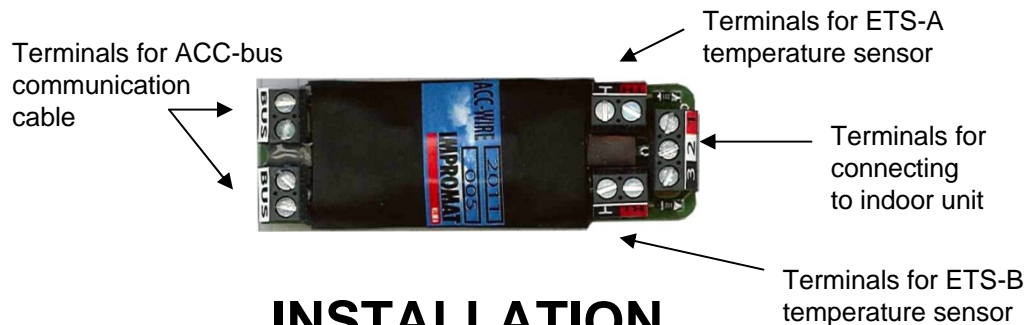
IMPROMAT
KLIMA

APPLICATION

ACC-WIRE module is intended for connection of the Fujitsu-General indoor units which are equipped with interface for connection of wired remote controller, to ACC-bus.

The compliance with installation instructions provided in this documentation is necessary for ensure technical parameters and reliable operation.

All construction work associated with installing and connecting of the module must be performed by the only person with qualifications in the field of installation and servicing of Fujitsu airconditioning and who is licensed for work on electrical and cooling equipment.



INSTALLATION

1. Placing: The location of the module depends on the specific design of the indoor unit. Mounting is possible with double-sided adhesive tape.

2. Connecting to the indoor unit: Terminals 1-2-3 must be connected with the same signed terminals or conductors of the indoor unit, determined for connection of the wired remote controller. During module installation inside the unit use the 3-core connecting cable of any design. If the module ATW-WIRE is placed outside the indoor unit, it is necessary use 3-core shielded cable. The shield of the cable must be connected to ground of the indoor unit.

3. Connecting of communication cable:

Communication between individual ACC modules runs on ACC-bus. The connection cable must be of the shielded twisted-pair type. Suitable is eg. LonWorks specification cable, used for communication in VRF-S, V, VII systems. Shield of individual sections of the cable must be interconnected and grounded in a single point on the appropriate module terminal of central unit ACC-RS / ACC-NET.

4. Connecting of additional temperature sensors:

One or two digital temperature sensors ETS can be connected to ACC-IR module. The sensors needn't be addressed. Their addresses are given by identification of appropriate connection terminals of the ACC-WIRE module. The sensor connection cables can be extended by same type cable as it is used for the communication cable.

5. Software setting: The module ACC-WIRE can be used to control Fujitsu indoor units which are equipped by the interface for remote wire controllers of the following types: UTB-YUB / UTH(AR)-3TA16, UTB-YUD, UTY-RNKY.

The module can be set to one of these modes:

- Master – to unit without connected wired controller,
- Slave – if it is connected to unit together with the wired controller.

For software setting of the module to relevant type of remote controller and its mode use ACC Service Tool software. During setting the ACC-WIRE must be connected to PC by ACC-RS module.

Note.: The factory setting of ACC-WIRE is as UTB-YUD controller, in Master mode (code E).