KLÜGER

# FAN COIL ACTUATOR 6-FOLD
FAN COIL AKTOR 6-FACH


## Features

- Supports high, medium, and low fan speeds.
- Supports cooling, heating, and dehumidification.
- Optimized air conditioner management algorithm.
- Supports 3 working modes: common mode, complex mode, forced cooling mode.
- Supports input from up to four temperature sensors.
- Each module can be configured as master or slave
- A single master module can control 8 slave modules.
- Supports DC 0-10V fan speed control.

## Safety Instructions

- It is recommended that a fuse or MCB is connected to the power input
- The screw down torque should not exceed 0.4Nm.
- The module should be installed inside the Distribution box.
- Wrong connections on the bus interface will damage it.
- Never let liquids get into this module, it will damage this device.
- Do not allow AC power into the Bus interface, it will damage all the devices in the system.
- Do not let the module come into contact with liquids or corrosive gases.
- Ensure good ventilation.

## Overview

The B-AC6C.01 HVAC Controller is designed to control centralized HVAC systems. Capable of accepting environmental temperature input data, the module can optimize fan speed, mode, and temperature settings. The module can also be used in a master-slave mode, so that a single panel can control several HVAC modules.

This module is suitable for any residential, hospitality, or commercial building automation solution. With complete control of fan speed, and cooling/heating, users can enjoy a comfortable indoor experience without needing to trouble themselves over indoor environmental conditions.

## Technical Details

| | |
|---|---|
| Bus power supply | **DC15-30V Class 2** |
| Bus power consumption | **95mA/DC24V** |
| Maximum current per CH | **5A for Modes, 2A for Fan speed** |
| Relay life time | **60000 actuations** |
| Working temperature | **-5°C~45°C** |
| Working relative humidity | **Up to 90%** |
| Storage temperature | **-20°C~+60°C** |
| Storage relative humidity | **Up to 93%** |
| Dimensions | **72×90×66 (mm)** |
| Net weight | **240.5(g)** |
| Housing material | **Nylon, PC** |
| Installation | **35mm DIN rail installation** |
| Protection rating | **IP20** |
| CE, RoHS, UL Approved | |

## Installation