



Heating and Cooling with the Right Control

Blower / Fan Coil Actuators LFA/S 1.1 and LFA/S 2.1



The two ABB i-bus® EIB / KNX Blower / Fan Coil Actuators LFA/S 1.1 and LFA/S 2.1 allows the realisation of diverse applications in the ventilation and climatisation segment, from simple ventilator control to complex fan coil systems.

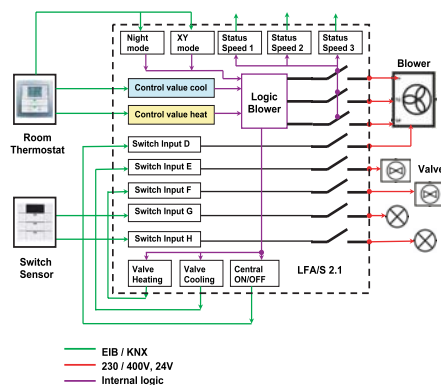
- Switching of 3- or 5-step blower and fan motors
- Immediate or stepped switching of fan speed
- Safe switching with programmable switch-over delay
- Manual or automatic control via room thermostat
- Compact design: 2 or 4 module widths
- Installation in distribution boards or fan coil units
- ProM Design

The outputs (6A) not used for the fan or blower control can be used to control valve drives or other electrical loads.

An Actuator for all Applications

Versatile Actuators for Cooling & Heating

Using one application program per Blower / Fan Coil actuator, the devices are able to fulfill a variety of heating and cooling applications. The devices offer various input objects, controls for 3- and 5-stage fan motors and two objects for controlling valves in heating and/or cooling circuits. All the options can be combined as required.



Input Objects

- Three or five 1-bit objects for manual control of the fan speed
- One 1-bit object for manual up/down control switching of fan speed
- Two 1-byte objects as control values for heating and/or cooling

Outputs

- 3- or 5-stage fan units
- 2-, 3- or 4-wire fan coil systems
- Separate objects for valve drive control

Enhanced comfort with 4 operating modes

- Frost / heat protection
- Night time operation
- Comfort and standby mode
- Higher-level priority modes

Ordering Information



| Type | Description | MW* | Order Code | bbn 40 16779 EAN |
|-----------|--|-----|--------------------|------------------------|
| LFA/S 1.1 | Blower / Fan Coil Actuator, 1-fold, 6 A, MDRC | 2 | 2CDG 110 077 R0011 | 65546 0 |
| LFA/S 2.1 | Blower / Fan Coil Actuator, 2-fold, 6 A, MDRC | 4 | 2CDG 110 078 R0011 | 65547 7 |

* MW = Module width in TE = 18 mm. Available end of the 4th quarter 2006.

ABB

The information in this leaflet is subject to change without further notice.

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Your EIB-Partner