

**ABB i-bus® EIB / KNX**  
**Blower/Fan Coil Actuators**  
**LFA/S 1.1**  
**LFA/S 2.1**

Intelligent Installation Systems



**ABB**

# 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
- Pro/M 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

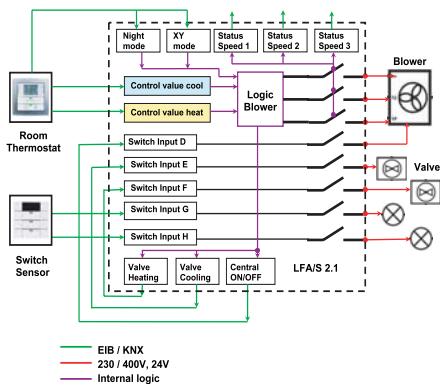
- Three or five 1-bit objects for manual control of the fan speed
- One 1-bit object for manual up/down control switching of fan speed
- Two 1-byte objects as control values for heating and/or cooling

#### 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
<b>LFA/S 1.1</b>	Blower / Fan Coil Actuator, 1-fold, 6 A, MDRC	2	2CDG 110 077 R0011	<b>65546 0</b>
<b>LFA/S 2.1</b>	Blower / Fan Coil Actuator, 2-fold, 6 A, MDRC	4	2CDG 110 078 R0011	<b>65547 7</b>

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