## Fan Coil Actuator, MDRC

FCA/S 1.1M is a Fan Coil Actuator for the usage with ABB i-bus®. It controls via toggle switch- and switch control up to three fan speed. The fan speed are locked against each other. With two electronic outputs electromotor and electrothermal valves can be operated. 2- or 3 step valves with 24/230 V for cooling and heating circuits can be connected. The electronic outputs withstands short circuit. A further potentialfree contact is available, e.g. for an additional electrical heater. The control of 2-, 3-, or 4-pipe systems is supported. The component is supplied by ABB i-bus®. Furthermore two potentialfree inputs are available for contact scanning, e.g. for window contacts or dew point monitoring.

### Manual operation:
All contacts, inputs and outputs can be operated manually.

### Commissioning without ABB i-bus®:
Manual operation is possible by connecting a auxiliary voltage to the bus connection terminal (separate ABB i-bus® device)

### As control outputs the following communication objects are available:
- three 1 Bit objects for manual control of the fan
- one 1 Bit object for manual step up/down of the fan stage
- one/two 1 Byte objects for heating and/or cooling control outputs

### Fan speed
- nominal current 6 A
- additional contact 1 pcs.
- nominal current 16 A (10 AX)

### Binary input
- Scanning current /-voltage 0,1 mA / 32 V
- Valve outputs 2 pcs., short circuit proof
- Voltage 24 V / 230 V
- Current 0,5 A, each output

### Connection technology
- Screw terminal
- Bus connection terminal

### Splash guard
- IP 20, EN 60 529

### Installation
- DIN rail 35 mm, DIN EN 60 715

### Width
- 4 modules à 18 mm

### Manufacturer
- ABB STOTZ-KONTAKT

### Type
- FCA/S 1.1M

### Material: ...........
- Labour: ...........

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<table>
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<tr>
<th>Item</th>
<th>Qty</th>
<th>Description of products and services</th>
<th>Price per unit</th>
<th>Amount</th>
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<td>2CDC 508 057 D0202</td>
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