## KNX Split Unit Gateway, FM

Interface between the KNX system and climate control equipment from various manufacturers (Split Units). Converts KNX telegrams to infrared commands.

- Integration of Split Units into KNX systems that are usually controlled by an infrared remote control.
- The transmitter of the supplied infrared cable is bonded to the receiver of the Split Unit.
- No auxiliary voltage necessary.
- Commissioning- and diagnostics tool available independant of ETS incl. information about functionality of the Split Unit.
- ETS App available for selection of manufacturer of Split.
- Supports KNX programming with long-frames.

### Functions

#### Commands to Split Unit (if supported by Split model)
- Switch On/Off
- Select setpoint temperature incl. option to limit temperature range
- Select operating mode (Automatic, Heating, Cooling, Ventilation, Drying)
- Select fan stage
- Start and stop horizontal and vertical swing
- Activate Silent Mode

#### Application program
- Forced operation
- Window contact
- Presence detection
- Scene function
- Boost function
- Switching from heating to cooling with 1 bit object
- Limit temperature range
- On/Off delay function
- Sending delay after bus voltage recovery
- Object In Operation (cyclic alive signal)

### Supply
via KNX (21...31 V DC),
no auxiliary voltage
Power loss: max. 0.4 W
Current consumption KNX: max. 12 mA

### Connections
Bus connection terminal, screwless
Socket for supplied infrared cable (length: 2 m)

### Protection degree
IP 20 to EN 60 529

### Mounting
in FM oder SM wall box

### Temperature range
-5°C...+45°C

### Mounting position
any

### Dimensions
39 x 40 x 12 (H x W x D)

### Housing
- Plastic, halogen free
- Flammability V-0 as per UL94

### Manufacturer
ABB STOTZ-KONTAKT

### Type
SUG/U 1.1

### Material:
Labor:

---

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description of products and services</th>
<th>Price per unit</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>SUGU_11_AT_EN_V2-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2CDC508174D0201</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

SUG/U 1.1

SUG/U 1.1