

# Product data sheet

## Room temperature controller with push-button interface 4-gang



### Reference number

AL 2178 TS

### KNX room temperature controller

with integrated BCU

with integrated push-button interface 4-gang

with rotary knob for setpoint adjustment

Only with the ETS 3.0d version or later versions the full functionality will be available.

ETS product family: Heating, A/C, ventilation

Product type: Regulator

### Intended use

- Single-room temperature control in KNX installations
- Type of loads for binary output: LED or electronic relays
- Installation in flush box with dimensions according to DIN 49073

### Product characteristics

- Measurement of room temperature and comparison with setpoint temperature
- Setpoint specification by selection of the operating mode
- Operating modes: comfort, standby, night operation, frost/heat protection
- Heating and cooling mode
- Heating and cooling with basic and additional step
- Setpoint adjustment
- Presence push-button
- Status LEDs
- Push-button interface with four inputs or two outputs (0.8 mA) and two inputs, e.g. for window contacts, push-buttons, LEDs, etc.
- Function of the inputs: switching, dimming, shutter control, light scene extension, brightness or temperature value transmitter
- Optional: External temperature sensor (ref.-no.: FF NTC) connectable to input 4

### Technical data

|                              |                     |
|------------------------------|---------------------|
| KNX medium:                  | TP 256              |
| Rated voltage KNX:           | DC 21 ... 32 V SELV |
| Current consumption KNX:     | max. 10 mA          |
| Connection, KNX:             | connection terminal |
| Ambient temperature:         | -5 ... +45 °C       |
| Stora/transport temperature: | -25 ... +70 °C      |

### Metal versions

**Colour:**  
aluminium

**Material:**  
aluminium AIMg1