

Product data sheet

Room autostat with push-button interface 4-gang



Reference number

GCR 2178 ORTS

KNX room autostat

with integrated BCU

with integrated push-button interface 4-gang

without rotary knob for setpoint adjustment

without any operational elements

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
- 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
- Operation solely via the bus
- 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. 7.5 mA
Connection, KNX:	connection terminal
Ambient temperature:	-5 ... +45 °C
Stora/transport temperature:	-25 ... +70 °C
Output current:	0.8 mA
Inputs and outputs	
Cable type:	J-Y(St)Y 2 x 2 x 0.8 mm
Cable length:	max. 5 m
Temperature sensor cable length:	max. 50 m
Use deep wall box for cables with 1.5 mm ² .	

Metal versions

Colour:

chrome

Material:

metal, chromium-plated