



TX320



## Thermostat

### Technical properties

#### Architecture

Bus system	EIB
Fixing mode	surface-mounting

#### Functions

Operating mode	Operating modes: comfort, standby, night lowering, frost/heat protected
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#### Controls and indicators

Push-buttons	with push-button for change over of operating mode.
Button / push-button	with programming button and red programming LED

#### Connectivity

Binary inputs	with 3 independent binary inputs for potential-free contacts
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#### Voltage

Operating voltage over bus	30 V DC
System supply voltage	30V DC via bus

#### Electric current

Bus consumption	10 mA
Number of entry circuits	3

#### Dimensions

Depth of installed product	28 mm
Height of installed product	84 mm
Width of installed product	80 mm
Recommended installation height	1.5 m

#### Power

Current consumption	< 10 mA
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#### Measurement

Reduced temperature setting	comfort temperature -2 to -7°C
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#### Materials

Colour	white
RAL colour	RAL 9003 - Signal white

#### LED control

LED	with status-LED: red (heating)/blue (cooling)
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**Installation, mounting**

Mounting type	surface-mounted
Installation mode	screw fastening via base

**Connection**

Type of connection to the bus	screw terminals
Bus coupling unit	with integral bus coupling unit
Type of connection	Connection bar with screw terminals for binary inputs
Bus connection	bus connection by means of screw terminals

**Cable**

Binary cable length	30 cm
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**Settings**

Room temperature setting range	10...28 °C
Comfort temperature setpoint	10 / 30 °C

**Equipment**

With display	no
Heating	for heating or cooling mode ; Heating in 2 stages possible (basic stage, additional stage)
Control	for individual single room temperature control ; setting knob with temperature range limitation

**Use**

Differentiation characteristic 2 - Sales	with setting knob
Differentiation characteristic 3 - Sales	with integrated bus coupling unit

**Safety**

Protection index IP	IP20
Frost protection temperature setting	5 / 12 °C

**Use conditions**

Operating temperature	0...45 °C
Storage/transport temperature	-20...60 °C
Temperature	additional connection for external temperature sensor
Energy efficiency class	IV (2%)

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Standby temperature setpoint	comfort temperature -0.5 to 4°C
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**Instructions**

Special note text	Binary input 3 parameter defineable for temperature sensor, order no. EK087.
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