



TX320



## Roomthermostat KNX

### Technical properties

#### Architecture

Bus system EIB

#### Functions

Operating mode Operating modes: comfort, standby, night lowering, frost/heat protected

#### 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

#### 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

#### Measurement

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

#### Materials

Colour white

RAL colour RAL 9010 - Pure white

#### LED control

LED with status-LED: red (heating)/blue (cooling)

#### Installation, mounting

Mounting type	surface-mounted
Installation mode	screw fastening via base
<b>Connection</b>	
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
<b>Cable</b>	
Binary cable length	30 cm
<b>Settings</b>	
Room temperature setting range	10...28 °C
Comfort temperature setpoint	10 / 30 °C
<b>Equipment</b>	
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
<b>Use</b>	
Differentiation characteristic 2 - Sales	with setting knob
Differentiation characteristic 3 - Sales	with integrated bus coupling unit
<b>Safety</b>	
Frost protection temperature setting	5 / 12 °C
REACH conform	Yes
RoHS conform	Yes
<b>Use conditions</b>	
Operating temperature	0...45 °C
Storage/transport temperature	-20...60 °C
Temperature	additional connection for external temperature sensor
Energy efficiency class	IV (2%)
<b>temperatur</b>	
Standby temperature setpoint	comfort temperature -0.5 to 4°C
<b>Instructions</b>	
Special note text	Binary input 3 parameter defineable for temperature sensor, order no. EK087.