



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
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
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	
Frost protection temperature setting	5 / 12 °C
REACH conform	Yes
RoHS conform	Yes
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%)
temperatur	
Standby temperature setpoint	comfort temperature -0.5 to 4°C
Instructions	
Special note text	Binary input 3 parameter defineable for temperature sensor, order no. EK087.