TX320

Thermostat

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

LED control

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

Installation, mounting

Mounting type	surface-mounted

Subject to technical modifications

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

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

Instructions

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