TKH180

WIFI gateway key for Coviva smartbox TKP100A

Technical properties

Architecture

Bus system	USB

Functions

Resistance test/diode test	No
Integrated ISDN Gateway	No

Configuration

Configuration	also suitable for offline mode of the coviva Smartbox

Connectivity

Passband	2.4 GHz
WiFi Compatible	Yes
Radio protocol	IEEE 802.11 n
Receiver category	2
Encoding	64-/128 Bits WEP; WPA; WPA2
Connection for external antenna	No

Voltage

Operating voltage	5 V DC
Operating voltage over bus	30 V DC

Dimensions

Depth	26.5 mm
Depth of installed product	24.5 mm
Height of installed product	75.2 mm
Width of installed product	13.8 mm
Height	203 mm
Width	77 mm

Frequency

Frequency	2412 to 2472 Hz

Power

Current consumption	max. 250 mA
Radio transmission power	< 25 mW

Storage

Transmission rate	150 Mbit/s

Materials

Subject to technical modifications

Colour independent of design lines	polar white
Surface appearance	matt

Connection

Number of radio channel outputs	max. 512

Settings

Programming	large scope of functions of the KNX radio appliances through parameterisation with ETS

Equipment

Number of radio channel inputs	max. 512
Fast Ethernet	No
Transmitter duty cycle	1 %

Use conditions

Operating temperature	0...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)

Identification

Application, usage	KNX radio - system units
Main design line	Electronics platform

Instructions

Information text	Caution! WLAN sticks of other manufacturers are not compatible with the coviva Smartbox.