TKH181

LAN / WIFI Installation Adapter for TKP100A

Technical properties

Architecture

Bus system	Other

Functions

Resistance test/diode test	No
Integrated ISDN Gateway	No
Function	operating modes: Router, AccessPoint, Repeater, WISP

Connectivity

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

Voltage

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

Dimensions

Depth	26.5 mm
Depth of installed product	71 mm
Height of installed product	6.5 mm
Width of installed product	50.2 mm
Height	203 mm
Width	77 mm

Frequency

Frequency	2412 to 2472 Hz

Power

Radio transmission power	< 25 mW

Storage

Transmission rate	300 Mbit/s

Materials

Colour independent of design lines	polar white
Surface appearance	matt

Subject to technical modifications

Connection

Number of radio channel outputs	max. 512
Connection	2 RJ45 jacks for WAN connection to the router and for the LAN connection of an end device by cable

Equipment

Number of radio channel inputs	max. 512
Fast Ethernet	Yes
Transmitter duty cycle	1 %

Safety

REACH conform	Yes
RoHS conform	Yes

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