



TKH181

## LAN / WIFI Installation Adapter for TKP100A

### Technical properties

#### Architecture

Bus system	Other
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#### Functions

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

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

Operating voltage	30 V DC
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Operating voltage over bus	30 V DC
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#### Dimensions

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

Frequency	2412 to 2472 Hz
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#### Power

Radio transmission power	< 25 mW
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#### Storage

Transmission rate	300 Mbit/s
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#### Materials

Colour independent of design lines	polar white
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Surface appearance	matt
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**Connection**

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

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

REACH conform	Yes
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RoHS conform	Yes
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**Use conditions**

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

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