EN

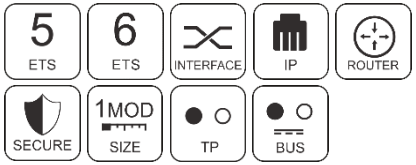
WEINZIERL

Data sheet

KNX IP Router 752 *secure*

Compact bus powered Router between LAN/Ethernet and KNX bus





(Art. # 5249)

Application area

The compact KNX IP Router 752 *secure* allows forwarding of telegrams between different lines through a LAN (IP) as a fast backbone. In addition this device is suited to connect a PC to the KNX network e.g. for ETS programming.

The device supports KNX Security which can be enabled in ETS. As secure router the device allows coupling of not secured communication on KNX TP to a secured IP backbone. Also for the interface functionality (tunneling) KNX security prevents from unauthorized access.

The IP address can be obtained by a DHCP server or by manual configuration (ETS) respectively. This device works according to the KNXnet/IP specification using the core, the device management, the tunneling and the routing part.

The KNX IP Router 752 *secure* has an extended filter table for main group 0..31 and is able to buffer up to 150 telegrams. Power is supplied via the KNX bus.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018, EN 63044-5-1: 2019
  EN 63044-5-2: 2019, EN 63044-5-3: 2019
- EN 61000-6-2: 2019
  EN 61000-6-3: 2021
- EN 63000: 2018

Environmental requirements

- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 … 93 %

Mechanical data

- Housing: plastic (PC)
- DIN rail mounted device, width: 1 unit (18 mm)
- Weight: approx. 40 g

Controls and indicators

- 2 buttons and 3 LEDs (multicolor)
- KNX programming button with LED (red)

Ethernet

- 100BaseT (100MBit/s)
- Supported internet protocols ARP, ICMP, IGMP, UDP/IP, TCP/IP, DHCP and Auto IP

KNX

- Device model: 0x091A
- Medium IP/TP
- KNX Security (AES-128)
  Incl. Tunneling V2, Core V2
- Up to 8 KNXnet/IP Tunneling connections simultaneously
- Extended filter table for main group 0..31
- Max. APDU length: 55

Power supply

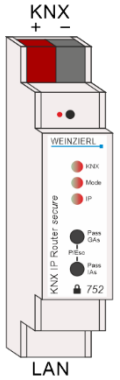
- KNX Bus approx. 20 mA

Connectors

- Bus connector for KNX (RD / BK)
- LAN RJ-45 socket

Installation Instructions

- The device may be used for permanent interior installations in dry locations, within distribution boards or small casings with DIN rail.



WARNING

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.

ETS6 Database
www.weinzierl.de/en/products/752/ets6
Manual
www.weinzierl.de/en/products/752/manual
CE Declaration
www.weinzierl.de/en/products/752/ce-declaration

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2024-10-11