

Data sheet

KNX RF/TP Coupler 673.1 *secure*

Compact KNX RF/TP coupler with support of KNX Data Security, Security Proxy and Segment Coupler



(Art. # 5474)

Application area

The KNX RF/TP Coupler 673.1 *secure* is a compact KNX radio coupler. It connects KNX RF devices of a radio line with the KNX Bus Twisted Pair.

The device has an extended filter table for main group 0 ... 31. The coupler supports long frames and is compatible with the ETS® software ETS 5 or higher.

The buttons on the front panel allow disabling the telegram filter for testing purposes. The LEDs indicate operating conditions as well as communication errors on the KNX bus.

The power is supplied via the KNX bus (main line).

The device supports KNX Data Security. The functionality of Security Proxy and Segment Coupler is only supported with the ETS 6 database.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- Low voltage directive 2014 / 35 / EU
- EMC directive 2014 / 30 / EU
- Radio equipment directive 2014 / 53 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018, EN 50491-5-1: 2010
EN 50491-5-2: 2010, EN 50491-5-3: 2010
- EN 61000-6-2: 2019
EN 61000-6-3: 2007 + A1: 2011
- EN 300 220-2: V3.2.1, 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: Transparent plastic (ABS)
- Matches in a standard flush-mounted box
- Dimensions: 48 x 40 x 18 mm
- Weight: approx. 20 g

Controls and indicators

- 2 buttons and 9 LEDs
- KNX programming button with LED (red)

KNX

- Medium RF/TP
- KNX Security (AES-128) (incl. Security Proxy)
- KNX Segment Coupler
- Extended filter table for main group 0 ... 31
- Buffer: 2 x 20 telegrams
- Max. APDU length: 55
- Device model: 0x2920

Power supply

- KNX Bus approx. 10 mA

Connectors

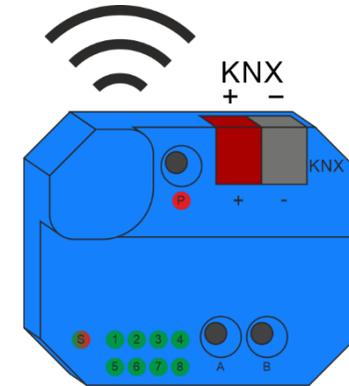
- Connector for KNX Bus (red / black)
- Internal antenna

RF Interface

- KNX RF, ISM Band 868,3 MHz, FSK
- Output power: 6 dBm

Installation Instructions

- The device may be used for permanent interior installations in dry locations.

**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.

Product database for ETS 6

www.weinzierl.de/en/products/673.1/ets6

Manual

www.weinzierl.de/en/products/673.1/manual

CE Declaration

www.weinzierl.de/en/products/673.1/ce-declaration

www.weinzierl.de



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