EN

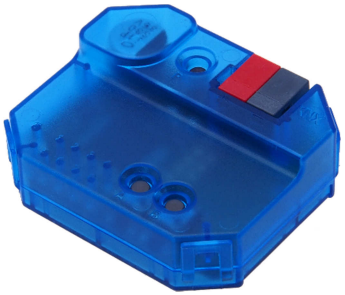
WEINZIERL

Data sheet

KNX RF/TP Coupler 672

(Art. # 5333)

Compact KNX RF/TP Coupler



RF COUPLER 5 ETS

Picture 1: Photo of the device

Application area

The KNX RF/TP Coupler 672 is a compact KNX radio coupler. It connects KNX RF devices of a radio line with the KNX Bus Twisted Pair.

The device has a filter table (8k byte). The coupler supports long frames and is compatible with the ETS® software ETS5 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).

Technical Specification

Electrical safety
- Protection (acc. EN 60529): IP 20
- Safety extra low voltage SELV 29 V=

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 (RoHS2)
- EN 50491-3: 2009
- EN 50491-5-1: 2010,
  EN 50491-5-2: 2010,
  EN 50491-5-3: 2010
- EN 61000-6-2: 2005,
  EN 61000-6-3: 2007 + A1: 2011
- EN 300 220-2: V3.1.1
- EN 50581: 2012 (RoHS2)

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

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.

Weinzierl Engineering GmbH
D-84508 Burgkirchen / Alz
Germany
http://www.weinzierl.de
info@weinzierl.de

2019/09/12