

CO K5X 002

KNX RF/TP Coupler

Description

- The KNX RF/TP Coupler 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 Features

Reference	CO K5X 002
Power Supply	KNX Bus approx. 10 mA
RF Interface	KNX RF, ISM Band 868,3 MHz, FSK/ Output power: 6 dBm
Mechanical Data	Housing: Transparent plastic (ABS)
Dimensions	48 x 40 x 18mm
Mounting	Matches in a standard flush-mounted box
Connectors	Connector for KNX Bus Internal antenna
Protection Degree	Ambient temp. operating: - 5 ... + 45 °C Ambient temp. non-op.: - 25 ... + 70 °C Rel. humidity (non-condensing): 5 % ... 93 %
Security	Protection (acc. EN 60529): IP 20 Safety extra low voltage SELV 29 V=
According to the Standard	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)