

CO K5X 003

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).
- KNX Secure



Technical Features

Reference	CO K5X 003
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)