

MDT KNX RF+ Line Coupler, flush mount

Version		
RF-LK001.03	KNX RF+ Line Coupler	Flush mount

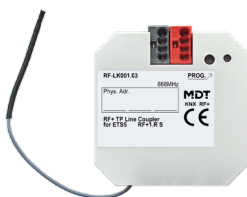
The MDT KNX RF+ Line Coupler connects KNX RF+ devices to the wired KNX bus. The line coupler has extensive filter functions to minimise the bus load on the RF side and can be used as a segment coupler in a line. (Segment coupler function available from ETS 6)

The installation must be carried out in dry indoor rooms.

The KNX RF+ line coupler is commissioned using ETS (Engineering Tool Software). No additional software is required.

Download the KNX application programme at <https://www.mdt.de/en/for-professionals/downloads.html>

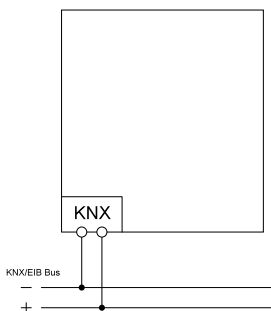
For optional analysis of the RF+ installation, the ETS app "MDT RF+ Reichweiten Check" is available in the online store of the KNX Association.

RF-LK001.03

- For operating inside the EU, 868 MHz.
- KNX RF+ line coupler to connect MDT KNX RF+ devices like MDT Push Button RF+ or MDT Glass Push Button RF+.
- **New KNX RF+ protocol in system mode.**
- **Segment coupler functionality (ETS 6).**
- Commissioning with ETS 5/6.
- Compatible to the new KNX RF+ specification.
- Filter functions to reduce bus load.
- Flush mounted in an Installation box.
- Dimensions (W x H x D): 41 mm x 41 mm x 22 mm.
- Integrated bus coupling unit
- 3 year warranty

Technical data	RF-LK001.03
Transmitter frequency	868,3 MHz (For operation within the EU)
Range in the free field	150 m
Output level	10 dBm
Sensitivity	> -105 dBm
Compatibility (mode)	KNX RF S-Mode
Specification KNX interface	TP-256, Long Frame Support
KNX Application	as of ETS 5
Segment coupler functionality	as of ETS 6
KNX bus connection terminal	Ø 0,6 ... 0,8 mm, Solid core
Power supply	KNX Bus
Power consumption KNX-bus, typical	< 0,3 W
Operation temperature	0 ... 45 °C
Enclosure	IP20
Dimensions (W x H x D)	41 mm x 41 mm x 22 mm

Exemplary wiring diagram RF-LK001.03



EU Declaration of Conformity, Line Coupler RF+



MDT technologies GmbH declares that the radio equipment type RF-LK001.03 complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.mdt.de/download/MDT_CERFLK_03.pdf