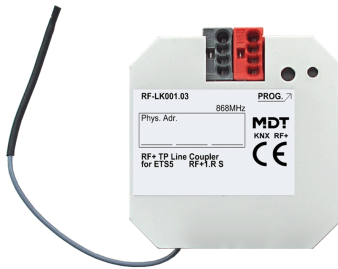


RF-LK001.03

KNX RF+ Line Coupler, flush mounted



Product description:

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 radio link and can be used as a segment coupler in a line. (Function available as of ETS 6)

Product functions:

- KNX RF+ Line coupler to connect MDT KNX RF+ devices, e.g. MDT Push-button RF+ or MDT Glass Push-button RF+
- **KNX RF+ Protocol in System Mode**
- **Segment coupler-functionality (as of ETS 6)**
- Commissioning as of ETS 5
- Compatible to the new KNX RF+ radio specification
- Filter function to reduce the Bus load
- Installation in an installation box
- Dimensions (H x W x D): 41 x 41 x 22 mm
- Integrated Bus coupler
- 3 year warranty

Technical data:

Device	Device type	RF+ Line Coupler
	Article Number	RF-LK001.03
	EAN / GTIN	4251916100179
	Dimensions (H x W x D)	41 x 41 x 22 mm
	Weight, gross (incl. packaging)	0.052 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Certification	EU Declaration of Conformity, according to Directive 2014/53/EU
	Transmission frequency	868.0 ... 868.6 MHz ^{*1}
	Range in the free field	150 m
	Output level	10 dBm
	Sensitivity	> -105 dBm
	Compatibility (mode)	KNX RF S-Mode
	Weight, net	0.028 kg
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	KNX RF 1.R
	KNX Application	as of ETS 5, segment coupler functionality as of ETS 6
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
Connections	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

^{*1} The use of the 868 MHz frequency band is subject to national regulations. Before commissioning, ensure that the applicable legal requirements of the respective country are reviewed and complied with.

Wiring diagram:

