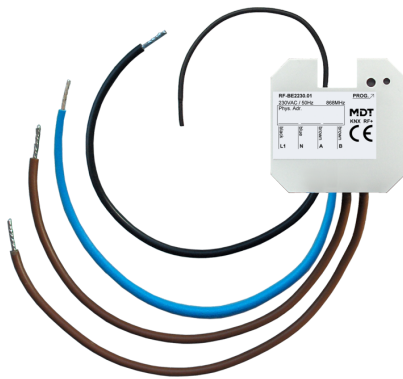


RF-BE2230.01

KNX RF+ Universal Interface 2 gang, flush mounted



Product description:

The KNX RF+ radio push-button interface for 230 V, for example, makes conventional push-buttons, switches and auxiliary contacts "smart" for KNX. The comprehensive application provides the appropriate parameters for different applications. For use in KNX RF+ radio lines.

Product functions:

- **KNX RF+ Protocol in System Mode**
- Commissioning as of ETS 5
- To connect **230 V Push-buttons, switches, motion detectors**
- **4 integrated logic modules**, e.g., to evaluate the inputs (closed window or send a second object)
- NO- and NC operation, duration of button press selectable
- Dimmer- and shutter function for singular- and double Push-button operation
- Send of values, forced operation and switch commands are selectable
- Short/Long button press with 2 objects
- Integrated pulse- and switch counter
- Cyclic sending, selectable
- Connection through MDT KNX RF+ Line Coupler
- **For modernisation without installation of KNX Bus cable**
- Power supply 230 V AC
- Dimensions (H x W x D): 41 x 41 x 22 mm
- 3 year warranty

Technical data:

Device	Device type	RF+ Universal Interface
	Article Number	RF-BE2230.01
	EAN / GTIN	4251916148546
	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
	Installation position	any
	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	0.035 kg
Performance data	Supply voltage U	230 V AC, 50 Hz
	Power consumption	< 0,3 W
Inputs	Number of binary inputs	2
	Input voltage	230 V AC
	Threshold, typical	165 V AC
	Permissible total cable length	100 m
KNX	KNX Medium	KNX RF 1.R
	KNX Application	as of ETS 5 (latest)
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
Connections	Connection type	Connection wire 1.5 mm ²
	Length of the connection cable	19 cm

*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:

