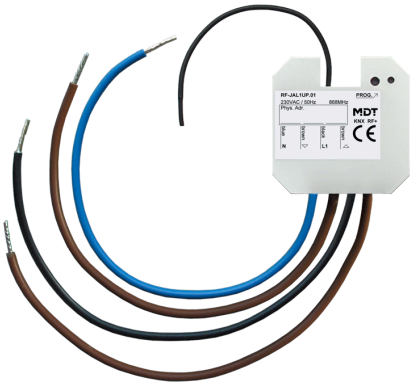
RF-JAL1UP.01

KNX RF+ Shutter Actuator 1 gang, flush mounted, 10 A, 230 V AC



Product description:

The KNX RF+ radio blind actuator for decentralised installation on the blind or shutter motors. For use in KNX RF+ radio lines.

Product functions:

- **KNX RF+ Protocol in System Mode**
- Commissioning as of ETS 5
- Operation mode for shutter/blinds
- Travel-, pause- and step time selectable
- 1 Bit Automatic control and sun shading function
- 8 Bit object to position height and slats
- 8 scenes per channel
- Alarm-, central- and locking function
- Connection through MDT KNX RF+ Line Coupler
- **For modernisation without installation of KNX Bus cable**
- Power supply 230 V AC
- Installation in an installation box
- Dimensions (H x W x D): 41 x 41 x 22 mm
- 3 year warranty

Technical data:

Device	Device type	RF+ Shutter Actuator
	Article Number	RF-JAL1UP.01
	EAN / GTIN	4251916148591
	Dimensions (H x W x D)	41 x 41 x 22 mm
	Weight, gross (incl. packaging)	0.064 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	0.04 kg
Performance data	Nominal voltage U_n	230 V AC
	Nominal current I_n (per output)	10 A
	Nominal frequency	50/60 Hz
	Relay type	monostable
	Mech. switching frequency	1.000.000
	Supply voltage U	230 V AC, 50 Hz
	Power dissipation of the device, typical	≤ 2 W
	Power consumption	< 0,3 W
Outputs	Number of outputs	1
	Maximum motor power per channel	300 W
Currents	Inrush current (150 µs)	80 A
	Inrush current (600 µs)	40 A
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 %

Technical data:

Connections	Connection type	Connection wire 1.5 mm²
	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: