

## RF-TA55A406.01

### KNX RF+ Push Button Plus 4 gang, with Actuator, Black matt finish



#### Product description:

The KNX RF+ Wireless Push Button Plus is a KNX push button with horizontally arranged pairs of buttons and two-colour status LEDs. The buttons are labelled via the central labelling field. The buttons can be configured as single buttons or in pairs. In addition to switching, dimming, blinds or sending values, there are numerous functions to choose from. The button has 4 integrated logic blocks and a switch actuator for connecting a blind/roller shutter or two switching channels.

#### Product functions:

- **KNX RF+ Protocol in System Mode**
- Commissioning as of ETS 5
- Suitable for 55 mm switch ranges
- The buttons can be configured as pairs or as singular buttons
- NO- and NC operation, duration of button press selectable
- Send of values, forced operation and switch commands are selectable
- Short/Long button press with 2 objects
- Singular and double Push-button operation for dimming/shutter functions
- Operation as 2 channel switch actuator or 1 channel shutter actuator
- Connection through MDT KNX RF+ Line Coupler
- **Centred labelling field with cover foil for individual labelling**
- As a replacement for regular two circuit switches
- **For modernisation without installation of KNX Bus cable**
- Power supply 230 V AC
- Installation in an installation box using the included installation frame
- 3 year warranty

## Technical data:

<b>Device</b>	Device type	RF+ Push-button
	Article Number	RF-TA55A406.01
	EAN / GTIN	4251916113742
	Colour	Black, matt finish
	Dimensions (H x W x D)	55 x 55 x 40 mm
	Weight, gross (incl. packaging)	0.108 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	0.075 kg	
<b>Performance data</b>	Nominal voltage $U_n$	230 V AC *2
	Nominal current $I_n$ (per output)	10 A
	Nominal frequency	50/60 Hz
	Relay type	monostable
	Mech. switching frequency	1.000.000
	Capacitive load	14 $\mu$ F / 10 A
	Supply voltage U	230 V AC, 50 Hz
	Power dissipation of the device, typical	$\leq$ 2 W
Power consumption	< 0,3 W	
<b>Operation</b>	Number of buttons	2 pairs of buttons / 4 buttons
	Number of LEDs	4 x red/green (status)
<b>Outputs</b>	Number of outputs	2
	Orientation light function	Yes
<b>Lamp data</b>	Incandescent lamp load	1900 W
	HV-Halogen lamps	800 W
	NV-Halogen lamps	500 W
	Fluorescent lamp uncompensated	500 W
	Fluorescent lamp parallel compensation	90 W
	Max. number of ECG	2

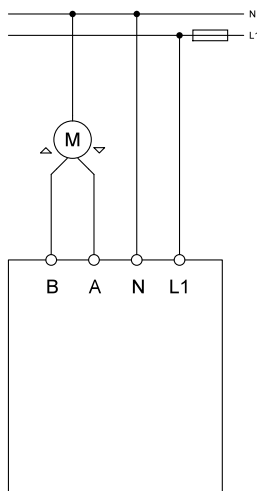
## Technical data:

<b>Currents</b>	Inrush current (150 $\mu$ s)	80 A
	Inrush current (600 $\mu$ s)	40 A
<b>KNX</b>	KNX Medium	KNX RF 1.R
	KNX Application	as of ETS 5 (latest)
<b>Environmental conditions</b>	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
<b>Connections</b>	Connection type	Spring-loaded terminal, 1.5 mm <sup>2</sup>
	Stripping length	8 mm

\*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.

\*2 Mixed operation of nominal and safety extra low voltage (SELV) within the actuator is not permitted!

## Wiring diagram: Blinds / Shutter



## Wiring diagram: single channel

