

RF-TA55A6.01

KNX RF+ Push Button Plus 6 gang, with Actuator, Pure White glossy 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

Technical data:

Device	Device type	RF+ Push-button
	Article Number	RF-TA55A6.01
	EAN / GTIN	4251916148638
	Colour	Pure White, 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	
Performance data	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 μ 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	
Operation	Number of buttons	3 pairs of buttons / 6 buttons
	Number of LEDs	6 x red/green (status)
Outputs	Number of outputs	2
	Orientation light function	Yes
Lamp data	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

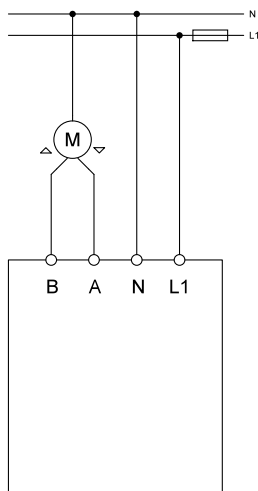
Technical data:

Currents	Inrush current (150 μ s)	80 A
	Inrush current (600 μ s)	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 %
Connections	Connection type	Spring-loaded terminal, 1.5 mm ²
	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

