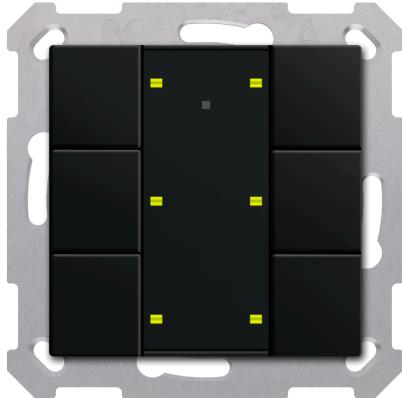


RF-TA55A606.01

KNX RF+ Push Button Plus 6 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

Technical data:

| | | |
|-------------------------|--|---|
| Device | Device type | RF+ Push-button |
| | Article Number | RF-TA55A606.01 |
| | EAN / GTIN | 4251916113759 |
| | 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 | |
| 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 |

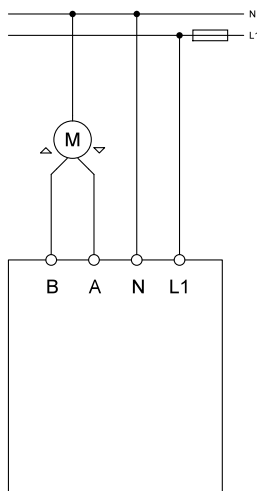
Technical data:

| | | |
|---------------------------------|-------------------------------|---|
| 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

