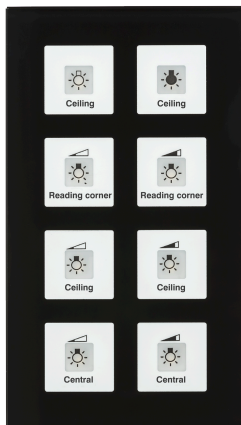


## RF-GTT8S.01

### KNX RF+ Glass Push Button Plus 8 gang, with Actuator, Black



#### Product description:

The KNX RF+ Wireless Glass Push Button Plus 8-gang is a KNX push button with 8 sensor surfaces, temperature sensor and red/white status LEDs. The sensor surfaces can be configured as single buttons or horizontally in pairs. In addition to switching, dimming, blinds or sending values, numerous functions such as scenes are available for selection. The button has 4 integrated logic blocks and a switch actuator for connecting a blind/roller shutter or two switching channels.

#### Product functions:

- **Labeling foil (item number: ZFOL-GT) is included in the scope of delivery**
- **KNX RF+ Protocol in System Mode**
- Commissioning as of ETS 5
- **With temperature sensor to measure room temperature**
- 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 4 channel switch actuator or 2 channel shutter actuators
- Connection through MDT KNX RF+ Line Coupler
- **Surrounding orientation light with day/night object**
- **For modernisation without installation of KNX Bus cable**
- Power supply 230 V AC
- Installation in an installation box using the included installation frame
- **Labelling foil included in the delivery**
- Dimensions (H x B): 163 x 92 mm
- 3 year warranty

## Technical data:

<b>Device</b>	Device type	RF+ Push-button
	Article Number	RF-GTT8S.01
	EAN / GTIN	4251916148577
	Colour	Black
	Dimensions (H x W x D)	163 x 92 x 40 mm
	Weight, gross (incl. packaging)	0.429 kg
	Protection classification	IP20
	Installation type	Flush mounted *1
	Included carrying ring	Carrying ring B
	Certification	EU Declaration of Conformity, according to Directive 2014/53/EU
	Transmission frequency	868.0 ... 868.6 MHz *2
	Range in the free field	150 m
	Output level	10 dBm
	Sensitivity	> -105 dBm
	Compatibility (mode)	KNX RF S-Mode
	Weight, net	0.363 kg
<b>Performance data</b>	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
	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	8 Sensor surfaces
	Number of LEDs	8 x red/white (status)
<b>Outputs</b>	Number of outputs	4
	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

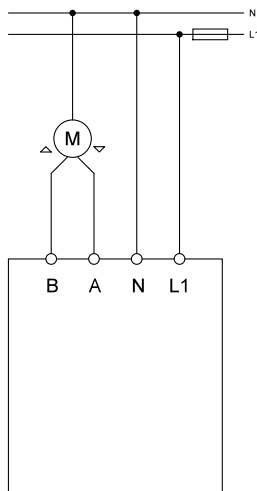
## Technical data:

<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 installation is conducted in two flush mounted installation boxes with a 71 mm distance between the boxes (centre to centre). The Bus connection terminal is in the lower of the two boxes.

\*2 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: Blinds / Shutter



## Wiring diagram: single channel

