

## MDT KNX RF+ Push Button 2/4/6/8-fach Plus, flush mounted

Version		
RF-TA55P2.01	KNX RF+ Push Button 2-fold	Flush mounted, white matt finish, status and orientation LED
RF-TA55P4.01	KNX RF+ Push Button 4-fold	Flush mounted, white matt finish, status and orientation LED
RF-TA55P6.01	KNX RF+ Push Button 6-fold	Flush mounted, white matt finish, status and orientation LED
RF-TA55P8.01	KNX RF+ Push Button 8-fold	Flush mounted, white matt finish, status and orientation LED
RF-TA55A2.01	KNX RF+ Push Button 2-fold	Flush mounted with Actuator, white matt finish, status and orientation LED
RF-TA55A4.01	KNX RF+ Push Button 4-fold	Flush mounted with Actuator, white matt finish, status and orientation LED
RF-TA55A6.01	KNX RF+ Push Button 6-fold	Flush mounted with Actuator, white matt finish, status and orientation LED
RF-TA55A8.01	KNX RF+ Push Button 8-fold	Flush mounted with Actuator, white matt finish, status and orientation LED

The MDT KNX RF+ Push Button releases KNX telegrams after pushing the buttons on top, 1 or 2 Button operation can be parameterized. The device provides extensive functions like switching of lighting, operation of blinds and shutters, contact type and block communication objects for each channel. The MDT KNX RF+ Push Button has 2 integrated logical modules. The sending of a second object is possible by the logical modules.

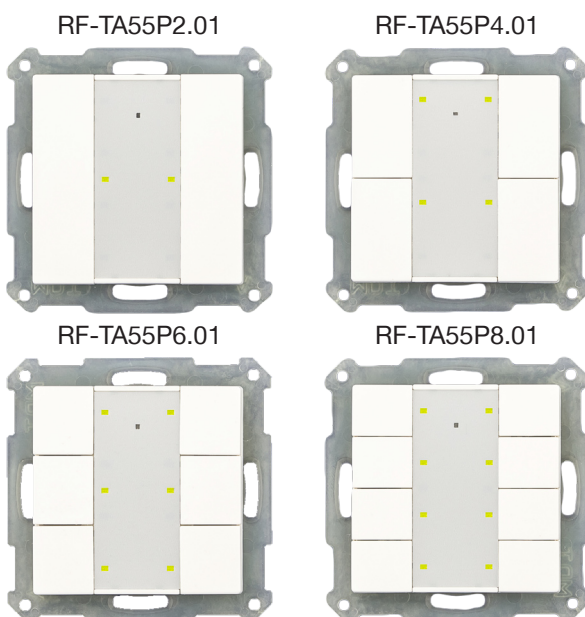
**The MDT KNX RF+ Push Button is operating in bidirectional KNX RF+ system mode and is perfectly suited to replace conventional push buttons in existing installations without placing KNX bus cables. The connections to the KNX bus is realized via the MDT KNX RF+ Line Coupler. The integrated actuator can be set as 2-fold switching actuator or 1-fold shutter actuator (RF-TA55Ax.01 only).**

The centered title block allows individually marking of the MDT KNX RF+ Push Button. You can use transparent or the lightgray film if no marking is required. You find the marking draft in our download area.

The MDT KNX RF+ Push Button has an orientation light LED and a bicolored (Red/Green) LED for the sensor area. These LED can be set from internal or external objects. The LED can display 3 situations like: LED off 0 „absent“, LED green „present“, LED red „window open“.

The MDT KNX RF+ Push Button is a flush mounted device for fixed installations in dry rooms, it is delivered with support ring.

For project design and commissioning of the MDT KNX RF+ Push Button it is recommended to use the ETS3/4/5. Please download the application software at [www.mdt.de/Downloads.html](http://www.mdt.de/Downloads.html)

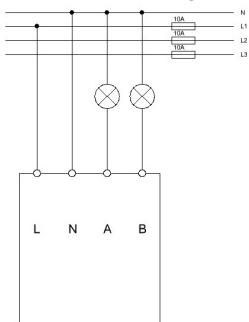


- Production in Germany, certified according to ISO 9001
- **New KNX RF+ protocol in system mode**
- Commissioning with ETS5
- Fits all switches with 55mm rocker:
  - GIRA Standard 55, E2, Event, Esprit
  - BERKER S1, B3, B7
  - JUNG A500, Aplus, Acreation, AS500
  - MERTEN 1M, M-Smart, M-Plan, M-Pure
- Push Buttons can be adjusted for 1 or 2 button operation
- NO or NC contact operation, adjustable length of button push
- Forced setting function for each output
- Operation with short/long button push and 2 objects
- Operation of blinds and shutters, 1 and 2 button operation
- Connection via MDT KNX RF+ line coupler
- Centered title block with cover film for individual marking
- To replace conventional push buttons
- To upgrade your installation without placing KNX bus cables
- Power supply 230VAC
- Installation with support ring (included in deliver
- 3 years warranty

Technical Data	RF-TA55P2.01 RF-TA55P6.01	RF-TA55P4.01 RF-TA55P8.01	RF-TA55A2.01 RF-TA55A6.01	RF-TA55A4.01 RF-TA55A8.01
Number of sensor areas	2/4/6/8		2/4/6/8	
Number of bicolored LED	2/4/6/8		2/4/6/8	
Orientation LED	1		1	
Transmitter frequency	868,3MHz (For operating inside the EU)		868,3MHz (For operating inside the EU)	
Range	150m		150m	
Output level	10dBm		10dBm	
Sensitivity	>-105dBm		>-105dBm	
Compatibility	KNX RF S-Mode (with ETS5 support)		KNX RF S-Mode (with ETS5 support)	
Number of outputs	--		2	
Output switching ratings				
Ohmic load	--		10A	
Capacitive load	--		14uF	
Voltage	--		230VAC	
Maximum inrush current	--		80A/150µs 40A/600µs	
Maximum load	--			
Incandescent lamps	--		1900W	
Halogen lamps 230V	--		800W	
Halogen lamps, electronic transformer	--		500W	
Fluorescent lamps, not compensated	--		500W	
Fluorescent lamps, parallel comp.	--		90W	
Max. number of electronic transformers	--		2	
Output life expectancy	--		1.000.000	
Available application software	ETS 5		ETS 5	
Permitted wire gauge				
Connection terminal	1,5mm <sup>2</sup>		1,5mm <sup>2</sup>	
Power supply	230VAC/50Hz		230VAC/50Hz	
Power consumption mains 230VAC typ.	< 0,3W		< 0,3W*	
Operation temperature range	0 to + 45°C		0 to + 45°C	
Enclosure	IP 20		IP 20	
Dimensions (W x H)	55mm x 55mm		55mm x 55mm	

\* Depends on the switching position of the output relays.

### Exemplary circuit diagram RF-TA55Ax.01



### Compatible to 55mm programs Manufacturer Series

Berker	B.7 Glas polarweiß, B.3 Alu polarweiß, S.1 polarweiß, B.1 polarweiß matt, B.7 Glas Alu, S.1 polarweiß matt
Gira	Standard 55 reinweiß seidenmatt, E2 reinweiß seidenmatt, Esprit Glas mint, Esprit Glas weiß, Event Alu, Gira Event reinweiß matt
Merten	M-Smart polarweiß brillant, M-Plan polarweiß edelmatt, M-Arc polarweiß edelmatt, Atelier-M polarweiß, M-Plan Echtglas brillantweiß, M-Smart polarweiß
Jung	AS500 alpinweiß, A500 alpinweiß, A500 alpinweiß Aplus Alu, A500 Alu

### EU Declaration of Conformity Push Button RF+



Hereby, MDT technologies GmbH declares that the radio equipment type radio RF-TA55xx.01 is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.mdt.de/download/MDT\\_CE\\_RFTA55.pdf](http://www.mdt.de/download/MDT_CE_RFTA55.pdf)