Manuals+ — User Manuals Simplified.

KNX MDT Push Button Instruction Manual

Contents

MDT Push Button

Operating instructions KNX Push-button for authorised electricians only
KNX Taster 55, BE-TA550x.x2,
KNX Taster Plus 55, BE-TA55Px.x2,
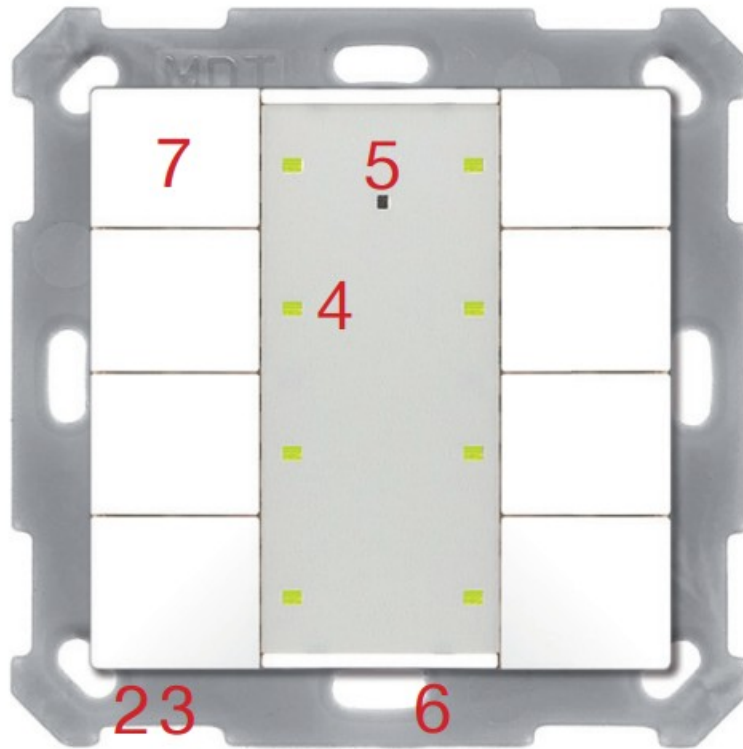KNX Taster Plus TS 55, BE-TA55Tx.x2

Important safety notes

⚠️ **Danger High Voltage**

- Installation and commissioning of the device is only to be carried out by authorised electricans. The relevant local standards, directives, regulations and instructions must be observed. The devices are approved for use in the EU and have the CE mark. Use in the USA and Canada is prohibited.

Connection terminals, operating and display elements

Front view

1. KNX busconnection terminal
2. Programming key
3. Red programming LED
4. Status indication LED (TA55P/TA55T)

   Rear view

5. Orientation LED (TA55P/TA55T)

6. Temperature sensor (TA55T)
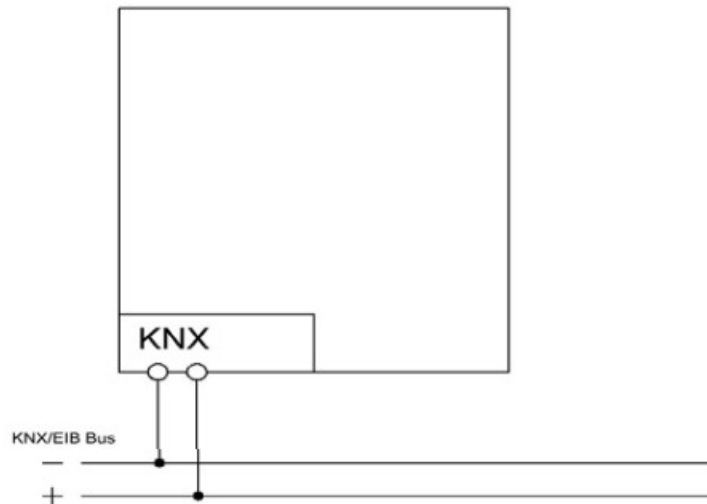
7. Operating buttons

Technical Data

	BE-TA55x2.02 BE-TA55x2.G2	BE-TA55x4.02 BE-TA55x4.G2	BE-TA55x6.02 BE-TA55x6.G2	BE-TA55x8.02 BE-TA55x8.G2
Number of rockers	2	4	6	8
Number of bicoloured LEDs (TA55 P / TA55T)	2	4	6	8
Orientation LED (TA55P / TA55T)	1	1	1	1
Temperature sensor (TA55T)	1	1	1	1
Specifi cation KNX interface	TP-256	TP-256	TP-256	TP-256
Available KNX databank	ab ETS5	ab ETS5	ab ETS5	ab ETS5
Max. conductor cross section				
KNX busconnection terminal	0,8 mm Ø, singl e core	0,8 mm Ø, singl e core	0,8 mm Ø, singl e core	0,8 mm Ø, single c ore
Power Supply	KNX Bus	KNX Bus	KNX Bus	KNX Bus
Power Consumption KNX bus typ.	< 0,3 W	<0,3 W	<0,3 W	<0,3 W
Ambient temperature range	0 … +45 °C	0 … +45 °C	0 … +45 °C	0 … +45 °C
Protection classifi cation	IP20	IP20	IP20	IP20
Dimensions (W x H x D)	55 mm x 55 m m x 13 mm	55 mm x 55 mm x 13 mm	55 mm x 55 mm x 13 mm	55 mm x 55 mm x 13 mm

Technical modifi cations and corrections may be made without notice. Images may differ.

Assembly and connection KNX Push-button

1. Connect the KNX Push-button to the KNX bus.
2. Installation of the KNX Push-button.
3. Switch on KNX power supply.

Exemplary circuit diagram BE-TA55xx.x2

Description KNX Push-button

The MDT KNX Push-button sends KNX telegrams after pressing a button on top, 1 or 2 Button operation can be selected. 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 Push-button has 4 integrated logical modules. the sending of an second object is possible over the logical modules. The centered labeling field allows individually marking of the MDT KNX Push-button. You find the labeling draft in our download area. The MDT KNX Push-button from the Plus series has an additional orientation LED and a bicoloured (red/green) LED for each rocker. 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 Taster Plus TS 55 has an additional temperature sensor to detect the room temperature.
Fits 55mm systems/ranges:

- GIRA Standard 55, E2, E22, Event, Esprit
- JUNG A500, Aplus, Acreation, AS5000
- BERKER S1, B3, B7 glass
- MERTEN 1M, M-Smart, M-Plan, M-Pure

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

Commissioning KNX Push-putton

Note: Before commisioning please download application software at **www.mdt.de\Downloads.html**

1. Assign the physical address and set parameters within the ETS.
2. Upload the physical address and parameters into the KNX Push-button. After request, press programming
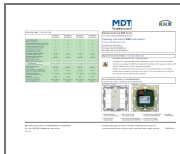
button.

3. After sucessfull programming the red LED turns off.

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Documents / Resources

KNX MDT Push Button [pdf] Instruction Manual
MDT Push Button, MDT, Push Button, Button

References

- **M** **MDT KNXperts – KNX Smart Home - KNX Smart Home – MDT technologies**
- **User Manual**