MDT Push Button Smart 55 4-fold with colour display

Version		
BE-TAS5504.01	Push Button 55	4-fold with color display, White glossy finish
BE-TAS55T4.01	Push Button 55	4-fold with color display, White glossy finish, with temperature/humidity

The MDT Push Button Smart 55 with color display releases KNX telegrams depending on the paramerization after pressing the buttons. The push buttons can be programmed as single buttons. The RGBW status LEDs can be controlled with internal or external objects. The LED brightness is controllable via day/night or brightness object.

In addition to switching, dimming, blinds, scenes or sending values, a lot more functions are available. The Push Button Smart 55 has 4 integrated logic blocks.

The Push Button Smart 55 has an innovative group function with long/extra long button press. For example, with a long press of a button, a shutter can move normally UP and DOWN, while the extra long button press moves the entire blind group of the room.

With the new multi touch function up to 4 values/datapoints can be send to one ore more objects. With a single button different light groups can be switched, e.g. 1 x tap is ceiling light, 2 x tap is wall light etc.

The Push Button Lite 55 is a flush mounted device for fixed installations in dry rooms. For project design and commissioning of the MDT Push Button Smart 55 it is recommended to use the ETS. Please download the application software at www.mdt.de/downloads.html

BE-TAS5504.01   BE-TAS55T4.01

- Production in Germany, certified according to ISO 9001
- Fits 55mm systems/ranges
- **Active colour display for function and status indication**
- Adjustable background colour of the display (white or black)
- Automatic display brightness via light sensor and day/night object
- Visualisation of indoor/outdoor temperature and time
- **With temperature/humidity sensor for room temperature measurement**
- **Additional functions for temperature setting and operation mode**
- **New multi touch function, sends up to 4 values/DPTs on the same or different objects**
- **Innovative group control with long/extra long button press**
- 1 and 2 button operation for switching, dimming, shutters, values
- **Symbols and plain text adjustable for each button/function**
- Short/long button push with 2 objects
- Installation in an installation box with included support ring
- Recommended installation height: 1,05 - 1,20m
- No additional power supply required
- Integrated bus coupling unit
- 3 years warranty

Technical Data	BE-TAS5504.01	BE-TAS55T4.01	
Number of push buttons	4 single buttons	4 single buttons	
Measurement range temperature	--	0 to + 40°C	
Measurement range humidity sensor	--	0 - 95%*	
Specification KNX interface	TP-256	TP-256	
Available application software	ETS 5	ETS 5	
Permitted wire gauge			
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core	
Power supply	KNX Bus	KNX Bus	
Power consumption KNX bus typ.	< 0,5W	< 0,5W	
Operation temperature range	0 to + 45°C	0 to + 45°C	
Ambient humidity (permanent)	--	20 - 80%	
Ambient humidity (short-term)	--	0 - 95%	
Enclosure	IP 20	IP 20	
Dimensions (W x H)	55mm x 55mm	55mm x 55mm	
Installation depth in installation box	12mm	12mm	

* Avoid condensation

Examplary circuit diagram BE-TAS55x4.01