

MDT Central Operation Unit Smart with color display, flush mounted

Version		
BE-GBZW.01	Glass Central Operation Unit with color display and 6 sensor areas	Glass, White
BE-GBZS.01	Glass Central Operation Unit with color display and 6 sensor areas	Glass, Black

The Central Operation Unit Smart combines a large number of functions in one device and serves as a central control unit for your Smart Home. The integrated astronomical timer moves the blinds up in the morning automatically and down again after sunset. In addition, the outdoor lighting and the basic lighting are switched on in the house at sunset until midnight. All timer functions and switching times are individually adjustable.

The automatic public holiday calculation adapts the opening time of the blinds to that of a Sunday morning. The holiday function can be activated for a fix period and returns all functions automatically to normal operation before arrival. The Central Operation Unit Smart measures and regulates the room temperature and controls your ventilation system with heat recovery.

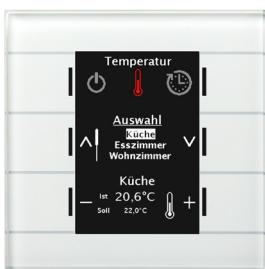
You can for Example set the comfort temperature individually for all rooms, or activate automatic shading via the menu control. You can also lock your blinds for window cleaning or activate your KNX alarm system via the integrated code lock.

Four sensor surfaces are available for selected direct operating functions. Twenty further functions can be controlled via menu and/or time switch. Overall, all functions can be operated intuitively and conveniently with the 6 sensor surfaces. The large active colour display shows indoor/outdoor temperature, temperature set points, date/time, sunrise/sunset, clear text and alarm messages are visualised. The Glass Central Operation Unit Smart is the ideal complement to the Glass Push Button II Smart. The recommended mounting height is 1,6m.

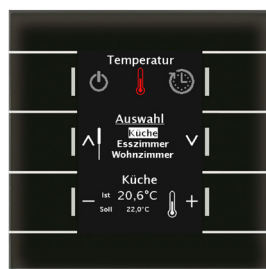
The Central Operation Unit Smart is a flush mounted device for fixed installations in dry rooms.

For project design and commissioning of the Central Operation Unit Smart it is recommended to use the ETS. Please download the application software at www.mdt.de/Downloads.html

BE-GBZW.01



BE-GBZS.01



- Production in Germany, certified according to ISO 9001
- **Large, active colour display (automatic brightness adjustment)**
- **Four direct operating functions** (e.g. present, light, blinds)
- **20 operating functions via menu/time switch** (e.g. dimmer/shutter/switching/send values/scenes/temperature set points)
- **Code lock** with 4-6 digits, to lock and unlock the device or alarm activation
- **Daily/weekly/astronomical time switch** (20 channels each with 6 switching times)
- **Holiday function with time period activation**
- **Automatic calculation of public holidays**
- **Comfortable room temperature controller with temp. sensor**
- **Ventilation control (manual or automatic)**
- **Visualisation of inside/outside temperature, setpoint, time/date**
- **Visualisation of status information/messages (1Bit/14Byte)**
- 6 status LEDs independently controllable
- 6 logic blocks each with 4 inputs
- No additional power supply required
- Installation in a installation box
- Recommended mounting height: 1,6m
- 3 years warranty

Technical Data	BE-GBZx.01	
Number of sensor areas	6	
Temperature controller	integrated	
Temperature sensor	1	
Measurement range temperature	-10 to +50°	
Accuracy clock typ.	<5min/year	
Power reserve clock	24day	
Specification KNX interface	TP-256	
Available application software	ETS 5.6x or higher	
Direct operating functions	4	
Menu / Time switch functions	20	
Permitted wire gauge		
KNX busconnection terminal	0,8mm Ø, solid core	
Power supply	KNX bus no external power supply required	
Power consumption KNX bus typ.*	< 0,6W	
Operation temperature range	0 to + 45°C	
Enclosure	IP 20	
Required installation boxes	1	
Recommended installation height	1,6m	
Dimensions (W x H x D)	92mm x 92mm x 29,2mm	

* Device has to be calculated with two bus loads. No additional power supply required.

Exemplary circuit diagram BE-GBZx.01

