Product data sheet

Signal panel

Reference number
MBT 2424 SW

KNX signal panel

ETS product family: Display
Product type: Signal panel

The glass panel with aluminium housing is equipped with 24 capacitive sensor buttons and 24 status LEDs.
The panel enables the control of switching, dimming and push-button functions as well as light scene and value transmitter functions. The LEDs can be separately parameterised to be illuminated in green, red or blue to signalise different situations of the KNX installation. Single sensor buttons, full columns or the entire panel can be blocked with blocking functions. Acoustic signals when pushing the sensor buttons can be parameterised. The surface can be labelled with exchangeable labelling foils, which can be labelled with the JUNG label tool. The MBT 2424 will be installed into a 2-gang wall box or a surface-mounted housing. Programming takes place via ETS. A drilling template and a bit for assembling will be delivered with the device.

Product characteristics

- Push-button functions switching, dimming, controlling blinds, value transmitter, calling up light scenes etc.
- High quality glass surface with 24 sensor buttons
- Operation via touching the sensor buttons
- Labelling with exchangeable labelling foil
- Status indication with 24 LEDs; the colours red, green and blue can be configured
- Acoustical feedback for touching sensor
- Fault message on dismantling
- Logic and time functions
- Integrated bus coupling unit
- Supply via separate power supply (ref.-no. NT 2405 VDC) or the auxiliary voltage output of the KNX power supply

Technical data

External power supply

Rated voltage:	AC/DC 24 V SELV
Power consumption:	approx. 2.2 W
Connection, power supply:	connecting terminal yellow/white
single wire:	1 x 0.6 ... 0.8 mm²
Front plate (W x H x D):	ca. 236 x 156 x 14 mm
Installation depth:	approx. 39 mm
Ambient temperature:	–20 ... +70 °C
Storage/transport temperature:	–20 ... +75 °C
Relative humidity:	15 ... 95 % (no condensation)
Protection level:	IP 54 flush-mounted
	IP 20 surface-mounted
Protection class:	III
KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Connection, KNX:	bus connection block
Power consumption KNX:	typical 150 mW