

TENSE

TOP DESIGN SWITCHES

COMPANY

TENSE is a young Belgian designer & manufacturer of TOP DESIGN SWITCHES, OLED switches, motion detectors and sockets for contemporary building projects. All employees have more than 10 years experience in related areas such as electronics manufacturing, home automation, design & lighting.

Our high-quality TENSE touch products are stylish, easy to use, very reliable and designed with passion.

Only the best technologies and newest raw materials are used to create our unique TENSE products, which are KNX compatible.

All our KNX products support a broad range of diverse application profiles and are easy to be programmed via ETS. Furthermore, the firmware can be reprogrammed through the bus so that future applications can be supported in a flexible way.

As being an ISO 9001 certified company, TENSE always aims to be one step ahead of competition and to exceed its customers' expectations of top quality, innovative R&D, unbeatable service, in-time delivery and professional export handling.

PRODUCTS

- 1/2/4 fold Touch Button Switch in glass/aluminium/bronze/corian/stone with color LED feedback
- 8 fold Touch Button Switch in glass/corian/stone with color LED feedback
- 4 fold Touch Button with OLED Display in glass/aluminium/bronze/corian/stone and color LED feedback
- Motion detector
- Frame for wall socket in glass/aluminium/bronze/corian/stone



INFINITY series

OLED Touch Button Switch

DESIGN

The **INFINITY** of TENSE Top Design Switches BVBA is a high-end elegant **OLED room controller with several functions such as light switching, t° control, audio control & scene activation.**

It is created out of brushed/anodised **ALUMINIUM** (white alu/natural alu/black alu/white painted alu), **GLASS** (white/black/silver/gold), **CORIAN** (white/white cross) or natural **STONE** (8 types marble etc) and its symmetric, modern look makes the **INFINITY** a state-of-the-art product.

The integrated color LEDs provide tactile and functional feedback, turning the **INFINITY** into a special and pure pleasure for the eyes.

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TECHNOLOGY

The **INFINITY** series of TENSE provides many advanced functions, available on a small space.

In stand-by modus it acts as a regular switch with multiple functions that are set through the ETS software of KNX.

The functions of the **INFINITY** series are:

- Switch or Send 1 or 2 Byte Values on
 - short touch
 - short and long touch
 - positive/negative edges
- Dimming (using 1 or 2 buttons)
- Blinds Control (using 1 or 2 buttons)
- Shutter Control (using 1 or 2 buttons), with predefined operation concepts:
 - short touch:start / long:stop
 - long touch:start / short: stop
 - single keypress (short: start/stop)
- Setting/Saving Scenes
- Scene Selector
- RGB Color Selector

The integrated color LEDs provide tactile and functional feedback. Their color or behavior can be entirely set through the ETS parameters or over the bus.

The menu is activated by pressing multiple touch buttons at the same time. This menu consists of several pages that allow setting various lights, controlling the climate, selecting audio sources, activating scenes, ...

The INFINITY series is further made complete by several functional modules:

- Temperature sensing
- Thermostat (PI and 2Point – Switching)
- Scene Module
- Time Switch (Calendar)
- Timer
- Logic AND/OR functions
- Up/Down Counter

CONTACT DETAILS

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