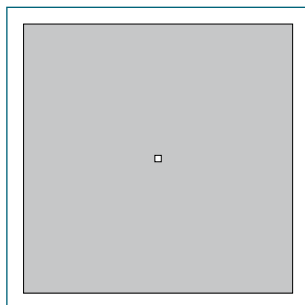


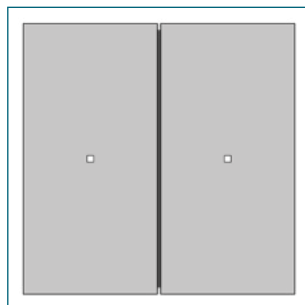
Product data sheet

Versions	
INT-xxxx1.02S	KNX Intensity, different surfaces, 1 gang, Secure
INT-xxxx2.02S	KNX Intensity, different surfaces, 2 gang, Secure
INT-xxxx4.02S	KNX Intensity, different surfaces, 4 gang, Secure
INT-xxxx8.02S	KNX Intensity, different surfaces, 8 gang, Secure
INT-Exxxx4.02S	KNX Intensity Extended, different surfaces, 4 gang, Secure
INT-Lxxxx1.02S	KNX Intensity Landscape, different surfaces, 1 gang, Secure
INT-Lxxxx2.02S	KNX Intensity Landscape, different surfaces, 2 gang, Secure

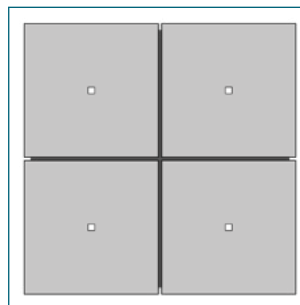
INT-xxxx1.02S



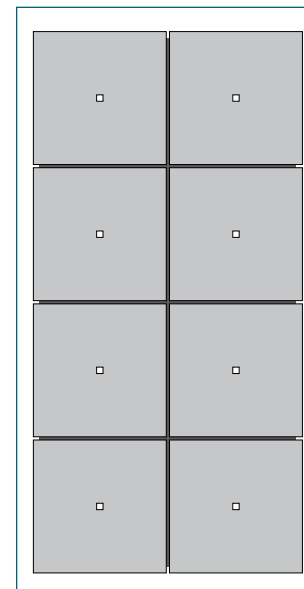
INT-xxxx2.02S



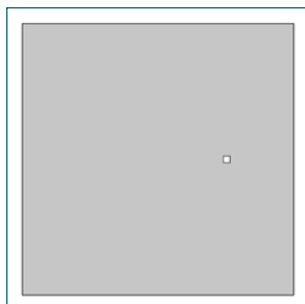
INT-xxxx4.02S



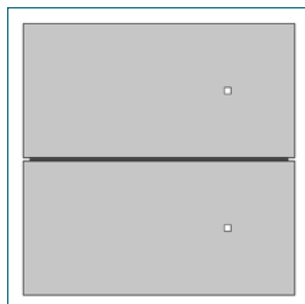
INT-xxxx8.02S



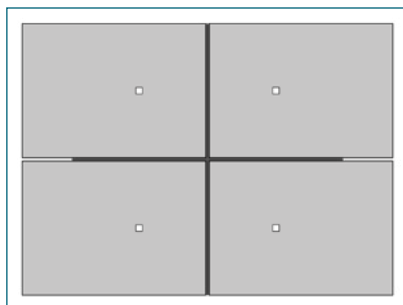
INT-Lxxxx1.02S



INT-Lxxxx2.02S



INT-Exxxx4.02S



The ‘Intensity’ Tense push-button triggers KNX telegrams after being touched, depending on the parameters. The sensor surfaces can be set as single button function (e.g. INT-xxxxx8: 8 single sensor surfaces).

The RGBW status LEDs can be controlled with internal or external objects. The LED brightness can be controlled via a day/night and brightness object.

In addition to switching, dimming, blinds, scenes or sending values, a number of other functions are available. The Tense push-button ‘Intensity’ has 4 integrated logic modules and a slap function with an additional switching channel. A second object can be sent via the logic modules.

The Tense push-button ‘Intensity’ has an innovative group control with long/extra-long keypress.

For example, a long keypress can be used to move a blind UP and DOWN as normal, while an extra-long keypress moves all the blinds in the room.

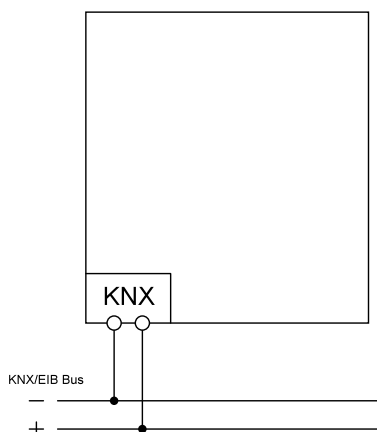
The multi-touch function allows up to 4 values/datapoint types to be sent to one or more objects. This means that different lighting groups can be switched with a single button, for example, tap once for ceiling light, tap twice for wall light, etc.

The Tense push-button ‘Intensity’ is designed for installation in installation boxes. It must be installed in dry indoor areas.

To commission and configure you need ETS version 5.7 or higher. The product database can be found on our website at www.mdt.de/Downloads.html and in the ETS product catalogue.

- Production in Engelskirchen, certified according to ISO 9001
- **Comprehensive application**
- **Multitouch-function, sends up to 4 values/DPTs to the same or different objects**
- **Innovative group control with long/extra-long keypress**
- Single-button operation for switching, dimming, blinds, values
- Toggle values/scenes with up to 4 values
- Short/long keypress with 2 objects
- **Slap function with additional switching channel (only for 4 gang and 8 gang push buttons)**
- **KNX Data-Secure ready**
- **LED brightness adjustable via day/night or brightness object**
- 4 Logic functions
- Installation in installation box
- Integrated bus coupler
- 3-year product warranty

Wiring diagram



Technical data	INT-xxxx1.02S INT-Lxxxx1.02S	INT-xxxx2.02S INT-Lxxxx2.02S	INT-xxxx4.02S	INT-xxxx8.02S	INT-Exxxx4.02S
Number of sensor surfaces	1	2	4	8	4
Number of Status LEDs	1	2	4	8	4
Measurement range for temperature	0 ... 40 °C				
KNX Data Secure	Yes				
Maximum number of group addresses	255				
Maximum number of communication partners	320				
KNX Medium	TP-256 (with long frame support)				
KNX Application	as of ETS 5				
KNX cable cross section	Ø 0.6 ... 0.8 mm, solid conductor				
Typical power consumption KNX bus	< 0,3 W				
Ambient temperature range	0 ... 45 °C				
Protection classification	IP20				
Dimensions glass / stone (H x W) *1	90 x 90		160 x 90		-/-
Dimensions metal / wood (H x W) *1	84 x 84		165 x 84		84 x 115
Installation Type	Flush-mounted (windproof installation box recommended)				
Installation depth in installation box	12 mm				

*1: The installation depth of the device depends on the surface version.