

# TENSE



TRIM\_INTINVINT124\_WG

## SPECIFICATIONS

Material: Patented Composite

Type of protection (EN 60529): **IP20** (with front plate mounted)

Operating temperatures: **-10°C to +45 °C**

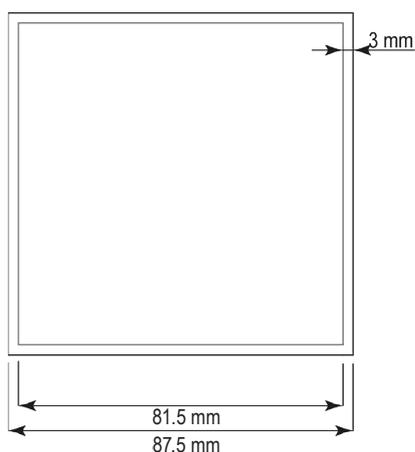
Dimensions visible : **79 x 79mm**

Dimensions wallbox: **125 x 125 x 11 mm**



TRIM\_INTINVINT4\_WG & KNX\_INTINVINT4

TRIM\_INTINVINT4\_WG & NOC\_INTINVINT4



Drawing Intensity Integrated front

## INTENSITY INVISIBLE INTEGRATED WALLBOX

KNX

The **Intensity Invisible Integrated Wallbox** is a **special wallbox made with the patented Xillo® material**. It allows you to have a **perfect 100% integrated solution for your Tense Intensity switch**.

With the Intensity Integrated Invisible Wallbox the Tense Intensity's electronics can be placed behind a **glass, Corian®, stone, ceramic or wooden wall**. Please note that the Intensity Integrated Electronics have to be ordered separately.

The Intensity Integrated Invisible Wallbox combined with the Tense Intensity Integrated electronics results in a capacitive touch based switch. The switch has **4 touch zones** with individual **RGB LED feedback** coming from the corners through the 3 mm gap around the switch's finish. The switch is clearly distinguishable from the wall due to this gap. Since the cut out from your wall finish is used in the switch assembly, the switch can be made fully **integrated** in the wall finish of your choice while still maintaining the characteristic looks of a Tense switch.

With our Tense wall boxes we offer you an **all-in-one solution**. The fitting, fixture and switch are all combined and made of the solid **patented composite**, so no need for an extra mounting kit. Thanks to the **strength** of this **material**, we don't have to work with any metal frame. The **Integrated Wallbox WG** by Xillo® meets the highest finishing standards and is suitable for all surfaces. The wall box can be placed without spacers behind any panel of a thickness from **18 mm up to 22 mm**. When thicker panels are used, spacers will need to be installed.

Do not install the Xillo fixture above heating, fire place, air-conditioning unit or in direct sunshine.

Please note that the Intensity Integrated electronics have to be **ordered separately**. **Compatible with:** KNX\_INTINVINT4 or NOC\_INTINVINT4

## ACCESSORIES

To ensure easy installation of your Intensity Invisible Integrated, a **Trimless Switch Kit** (TRIM\_KITSWITCH) is included with each TRIM\_INTININT124\_WG wallbox. Please do not throw away the Trimless Kit. Save it for the moment you want to uninstall or reinstall the switch, roomcontroller or wall detector!

The trimless kit includes:

### REMOVAL CLIPS

1 x TRIM\_KEY (Trimless Key)

To easily **remove the front** plate of the Intensity or Socket, removal clips are available. Just **hook** these **2 clips** behind the switch at both sides and **pull** both clips at the same time.

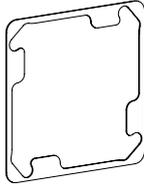
### SPACERS

3 x TRIM\_SPACER05 (Trimless Spacer 0,5 mm),  
1 x TRIM\_SPACER2 (Trimless Spacer 2 mm)

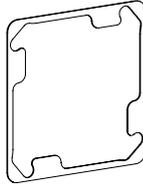
To obtain the **perfect end result** there might be some levelling of the products necessary. Use the spacers to **level** the recessed products with the wall after painting. The **spacers** are placed **behind the BCU**.



REMOVAL CLIPS



SPACER 2 MM



SPACER 0,5 MM

## INSTALLATION INSTRUCTIONS:

1. Make a square hole in the panel of 87.5 mm x 87.5 mm on the desired location. The cut-out needs to be min 81.5 x 81.5 mm.
2. Keep the cut-out material aside as it will form the finishing plate of your switch.
3. **Mill down** the cut-out to a thickness of **5mm** according to the included template.
4. **Assemble** the **electronics** and the **finishing plate** according to the correct guidelines on the technical data sheet.
5. **Glue** the **XILLO® fixture** to the back of the wall/panel with the correct adhesive. Beware to press/hold it as mentioned in the instructions of the glue (make sure the installation is straight).
6. Install the included **standard orange wallbox** in the round opening.
7. Pull the KNX bus through the standard orange wallbox.
8. **Remove power** from the KNX bus.
9. **Connect the bus coupler** with the **KNX bus** using the KNX TP1 bus connection terminal.
10. Connect the **red bus wire** to the red terminal (+) and the **black bus wire** to the black terminal(-).
11. **Remove the front.**
12. The bus coupler fits in the **standard orange wallbox**. Position by using the included stencil. Use two flat headed screws to **fix the bus coupler**. Make sure the mounting is level and that the "TOP ↑" marking on both the BCU and the PCB point upwards.
13. **Re-power** the KNX bus.
14. Press the programming button. Make sure the **red programming LED** lights up.
15. In ETS, add the device and **assign the physical address**.
16. **Program** the physical address. Make sure the red programming LED turns off.
17. **Plug the front** onto the bus coupler. Make sure that the "TOP ↑" marking on the PCB (backside of the front) points upwards.
18. In ETS, select the appropriate parameters and **assign the group addresses**.
19. **Download** the application program to the device.

Please contact [info@tense.be](mailto:info@tense.be) to get all templates and full instructions regarding the Integrated products.