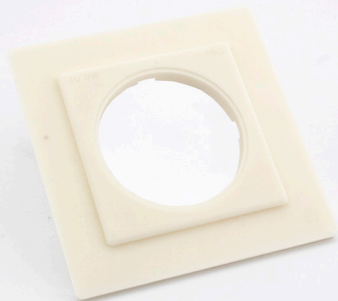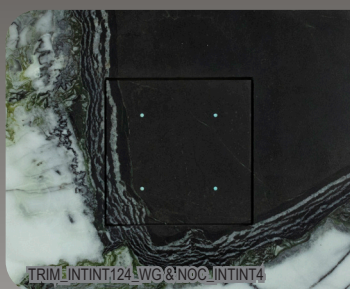# TENSE
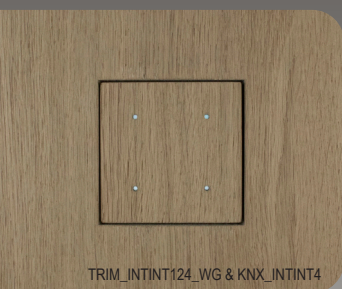
TRIM_INTINT124_WG

SPECIFICATIONS
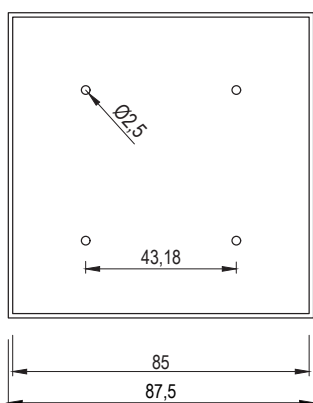
Material: Patented Composite

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

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

Dimensions visible: **87,5 x 85 mm**

Dimensions wallbox: **125 x 125 x 14 mm (wallbox & electronics)**

TRIM_INTINT124_WG & NOC_INTINT4

TRIM_INTINT124_WG & KNX_INTINT4

INTENSITY INTEGRATED WALLBOX WITH GAP

KNX

The **Intensity Integrated** Wallbox With Gap (WG) 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 Wallbox WG 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 seperately. The material's cut-out is used in the assembly of the switch to guarantee the pattern running continuously over the switch.

The Intensity Integrated Wallbox WG comined with the Tense Intensity Integrated electronics results in a capacative touch based switch. The switch has **4 touch zones** with individual **RGB LED feedback** coming from 4 small LED holes in the wall's finish. The switch is clearly distinguishable from the wall due to the 1mm 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 wallboxes 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 WG Wallbox** by Xillo® meets the highest finishing standards and is suitable for all surfaces. The wallbox can be placed without spacers behind any panel of a thickness from **18mm up to 22mm**. When thicker panels are used, spacers will need to be installed.

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

Please note that the Intensity Integrated electronics have to be **ordered separately. Compatible with:** KNX_INTINT4 or NOC_INTINT4.

Ø2,5

43,18

85

87,5

Drawing Intensity Integrated With Gap front

ACCESSORIES

To ensure easy installation of your Intensity or Socket, a **Trimless Kit** (TRIM_KIT) is included with each TRIM_INTINT wallbox. Please do not throw away the Trimless Kit. Save it for the moment you want to uninstall or reinstall the switch!

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.
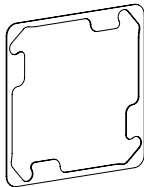
SPACERS

3 x TRIM_SPACER05 (Trimless Spacer 0,5 mm),
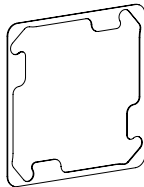1 x TRIM_SPACER2 (Trimless Spacer 2 mm)

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**.
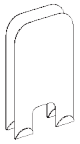
REMOVAL CLIPS	SPACER 2 MM	SPACER 0,5 MM

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 **85 mm x 85 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 **5 mm** and **drill** the **LED holes** with a **diameter of 2.5 mm** 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 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 to get all templates and full instructions regarding Intensity Integrated.