

# Double/quadruple potential-free push button, 24V, NO

References: S2PFB; S2PFW; S2PFPB; S2PFMB; S2PFCB; S2PFBB; S2PFDB; SPF4B; SPF4W; S4PFPB; S4PFMB; S4PFCB; S4PFBB; S4PFDB

## 1. Included in the package

- Recessed box (outer body)
- Inner body with 1 or 2 double push buttons
- Red protection plate(s)
- Corresponding finishing ring(s)

## 2. Applications

These push buttons are suitable for installation in:

- Brick
- (Cellular) concrete
- Silica brick
- Plasterboard

Integration in wood, natural stone and other composite surfaces should be considered with the craftsman.

## 3. Specifications

The double/quadruple potential-free push button (24V, NO) can be used to steer **contactors** or the **home automation system** of your choice.

Space is left in the recessed box to store a push button interface from various home automation manufacturers.

The double/quadruple potential-free push button has a **CE label**.

The double/quadruple potential-free push button (and by extension the entire ROND range) uses the same recessed box (outer body), which considerably simplifies the installation process. The recessed box has a diameter of **131mm** and a depth of **55mm**.

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In the outer body (recessed box) fits an inner body. The double push buttons are pre-mounted on the inner body.

On the inner body:

- 1 double push button or
- 2 double push buttons

can be pre-mounted.

The inner body is depth-adjustable in relation to the outer body (recessed box), this depth adjustment has 3 different positions. **The three predefined positions are 4mm, 8mm and 12mm. The inner body can be mounted up to 30 mm out of the recessed box.**

The recessed box has a click system so that several boxes (and thus push buttons) can be linked together horizontally to form six- or eight-fold potential-free push buttons. The cabling is connected internally via push-outs. **The centre-to-centre distance between coupled recessed boxes is 120 mm.**

The push buttons pre-mounted on the inner body are fitted with 3 connecting terminals at the rear. A signal cable with a maximum section of 0.75 mm<sup>2</sup> is suitable for these connection terminals.

The recessed box is pushed against the side wall of the cavity by means of expansion elements so that the push button locks into place. The expansion elements are tightened with torx screws. Thus, **no plaster is needed to fix the recessed box.**

**The diameter of a double push button is 39.5mm, with the finishing ring the outside diameter is 49.5mm.** When the plastering is completed, the push buttons with finishing rings are the only visible part of the potential-free push button.

The **centre-to-centre distance** between two double push buttons in a quadruple potential-free push button is **60mm.**

When several potential-free push buttons are connected horizontally, the centre-to-center distance between several double pushbuttons of 60mm is maintained.

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#### 4. Technical information

<b>Power</b>	24V – 50 mA
<b>Connection</b>	16 mm of 20 mm Copex tube
<b>Standard compliance</b>	IEC 62368-1
<b>Label</b>	CE

#### 5. Physical dimensions

<b>Recessed box diameter</b>	131mm
<b>Recessed box depth</b>	55mm
<b>Double push button diameter</b>	39,5mm
<b>Finishing ring outside diameter</b>	49,5mm
<b>Distance between push buttons</b>	60mm (centre-to-centre)
<b>Distance between connected recessed boxes</b>	120mm (centre-to-centre)

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