Single/double adjustable socket outlet with earthing pin and shutters

Also schuko (type F) available
References: P1EB-L; P1EW-L; P1EB-R; P1EW-R; P2EB; P2EW;P1ES-L;P1ES-R;P2ES

Finishing ring: R-B; R-W; R-PB; R-MB; R-CB; R-BB; R-DB

1. Included in the package

- Recessed box (outer body)
- Inner body with 1 or 2 socket outlets
- Red protection plate(s)
- Corresponding finishing ring(s)

2. Applications

These socket outlets are suitable for installation in:

3. Brick
4. (Cellular) concrete
5. Silica brick
6. Plasterboard

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

7. Specifications

Single/double adjustable socket outlet has **2 poles with earthing pin and is suitable for 16A/250V** application.
Single/double adjustable socket outlet carries the **CEBEC quality label**.

The single/double adjustable socket outlet (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**.

ROND

In the outer body (recessed box) fits an inner body. The socket outlets are pre-mounted on the inner body.
On the inner body:

- 2 socket outlets or
- 1 socket outlet on the left side or
- 1 socket outlet on the right side

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 socket outlets) can be linked together horizontally to form three- or fourfold socket outlets. The cabling is connected internally via push-outs. **The centre-to-centre distance between coupled recessed boxes is 120 mm.**

The inner body is fitted with a **PCB.** This PCB is equipped with connection terminals suitable for both flexible and rigid cable.
All connection terminals are located at the rear of the inner body and can hold up to 4x2.5mm^2 wire, the earthing terminal up to 2x2.5mm^2. The dismantling length (14mm) of the wires is indelibly marked on the back of the cover plate.

The double socket outlet is **internally bridged on the PCB**.

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 back of the centre plate is equipped with shutters acting as a **children safety system**. It allows contact to be made after the pins of a plug have been inserted simultaneously, but prevents contact being made if only one pin is inserted or if the two pins of a plug are not inserted at the same time.

The diameter of the centre plate is 39.5mm, with the finishing ring the outside diameter is 49.5mm. When the plastering is completed, the centre plates with finishing rings are the only visible parts of the double socket outlet.
The **centre-to-centre distance** between two sockets in a double socket outlet is **60mm**.
When several recessed boxes are connected horizontally, the centre-to-center distance between several socket outlets of 60mm is maintained.

The recessed box is equipped with **2x2 cable inputs (R8 and R10)**.

The adjustable socket outlet has an **IP41 protection rating**.
The plastic parts of the central plate comply with a **filament test of 650°C** and are **halogen-free.**
After installation, an **impact resistance of IK06** is guaranteed.

8. Installation

For an overview of the complete integration, please consult the manual. Based on the frequently asked questions, some specific points of attention are explained below.

ROND was developed to make the integration of wall sockets faster and more efficient. The ROND single/double adjustable socket outlets are installed in a single step and without waiting times. Compared to the traditional four-step installation, everything is now more efficient and up to three times faster.

Consequently, it is also important that the integration is carried out correctly and with precision.

To drill the holes correctly, the modified diamond hole saw of ROND can be used.

When connecting several recessed boxes, the centre-to-centre distance between the bores is 120mm.

The socket outlet is adjusted in depth depending on the plaster that is subsequently applied to the wall.

The depth adjustment must be carried out before the torx screws are screwed in.
If the depth still has to be adjusted, the torx screws are unscrewed first.

The plaster should be applied flush with the red protection plates. Under no circumstances may more plaster be applied. (diameter red protection plate van 49.5mm).

The red protection plates are used to protect the sockets during plaster and painting work.

For a perfect result, the protection plates are removed while the paint is still moist.

The finishing ring that is finally clicked on can be changed over time if required.

9. Technical information

Power	Max. 250V – 16A per socket outlet
Connection	16mm or 20mm Copex tubes
Standard compliance	IEC 60884-1
Certification	CEBEC

10.Physical dimensions

Diameter recessed box	131mm
Depth recessed box	55mm
Distance between sockets	60mm (centre-to-centre)
Distance between connected recessed boxes	120mm (centre-to-centre)