Brush installation units made of plastic, round
Assembly instruction
Brush installation units made of plastic, round
Assembly instruction

1 | Screed floors
In case of a screed-covered system, remove shuttering tube and insert installation unit directly into the installation opening.

2 | Hollow floors and raised floors
For hollow or raised floors insert installation unit directly into the installation opening.

3 | Hinged cover mechanism
Open cover completely, press lug down with a screwdriver while moving the hinge to the left at the same time.

4 | Hinged cover removal
Press hinge together using pliers until the lugs snap out of the frame. Remove cover towards the front.

5 | Fastening the installation frame
Insert frame into installation opening from the top and tighten the pre-assembled claws with a crosshead screw. Check to ensure that the frame fits tightly.

6 | Claws
Custom model applications require the use of claw UDKS 40-80. If that is the case, the pre-assembled claws are removed and replaced. Turn claw body so that the frame can be inserted from the top.
Brush installation units made of plastic, round
Assembly instruction

7 | The use of claws
The claws UDKS 40-80 stretch under the raised floor panel, into the screed or into the cover plate of the floor box.

8 | The mounting of lock-in leads
The separately delivered lock-in leads can be inserted into the installation unit from the top and tightly screwed. For a flat installation the 50 mm lock-in lead must be used.

9 | Inserting the device cup
Latch the device cup as deeply into the lock-in lead as possible.

10 | Lock-in leads
Depending on the installation situation, lock-in leads of heights either 50 mm and 80 mm can be chosen. Device cups can be gradually lowered by up to 30 mm.

11 | Releasing the device cup
Insert screwdriver or mounting lever between frame and device cup. Release lugs on the side individually and remove device cup.

12 | Floor cover in hinge cover
After replacing the hinge cover, leave cover open in locking position. Cut floor cover to no more than 10 mm from its precise fit and glue onto the steel reinforcement. Optionally, cover inlays are available of 2 mm or 5 mm thickness.

13 | Opening lever
Operate self-locking opening lever behind the cable outlet.

14 | Cable connection flap
Pan cable connection flap by 180° and latch it in.

15 | Brush cable outlet
Lead out cables through the open brush cable outlet.
**16 | Minimum installation height**
Minimum installation height: 89 mm when using a 50 mm lock-in lead, respectively 109 mm when using an 80 mm lock-in lead, and in connection with coupler plugs up to \( H = 35 \) mm.

**17 | Maximum installation height**
Maximum installation height: 109 mm when using a 50 mm lock-in lead, respectively 134 mm when using a 80 mm lock-in lead.

**18 | The use of UG45**
The device cup UG45-4 is suitable for using installation devices measuring 45 x 45 mm or 45 x 22.5 mm. Minimum installation height: 82 mm when using the 50 mm lock-in lead, respectively 102 mm when using the 80 mm lock-in lead and in connection with coupler plugs up to \( H = 35 \) mm.

**19 | The use of UG3**
To achieve an even flatter installation depth, use our newly developed device cup UG3. Minimum installation height: 82 mm when using a 50 mm lock-in lead, respectively 102 mm when using an 80 mm lock-in lead and in connection with coupler plugs up to \( H = 35 \) mm.

**20 | Device insert**
Place device into the installation unit from the top and tighten to the frame using four threaded screws. Minimum installation depth: 63 mm. Suitable for maximum two double sockets and up to six data modules. Install installation technology using boards.

**21 | Data device carrier**
Up to nine data modules can be installed in the data device carrier using boards in the installation unit. Minimum installation height: 96 mm when using a 50 mm lock-in lead, respectively 116 mm when using an 80 mm lock-in lead set. Use the lock-in lead considering the bending radius.