



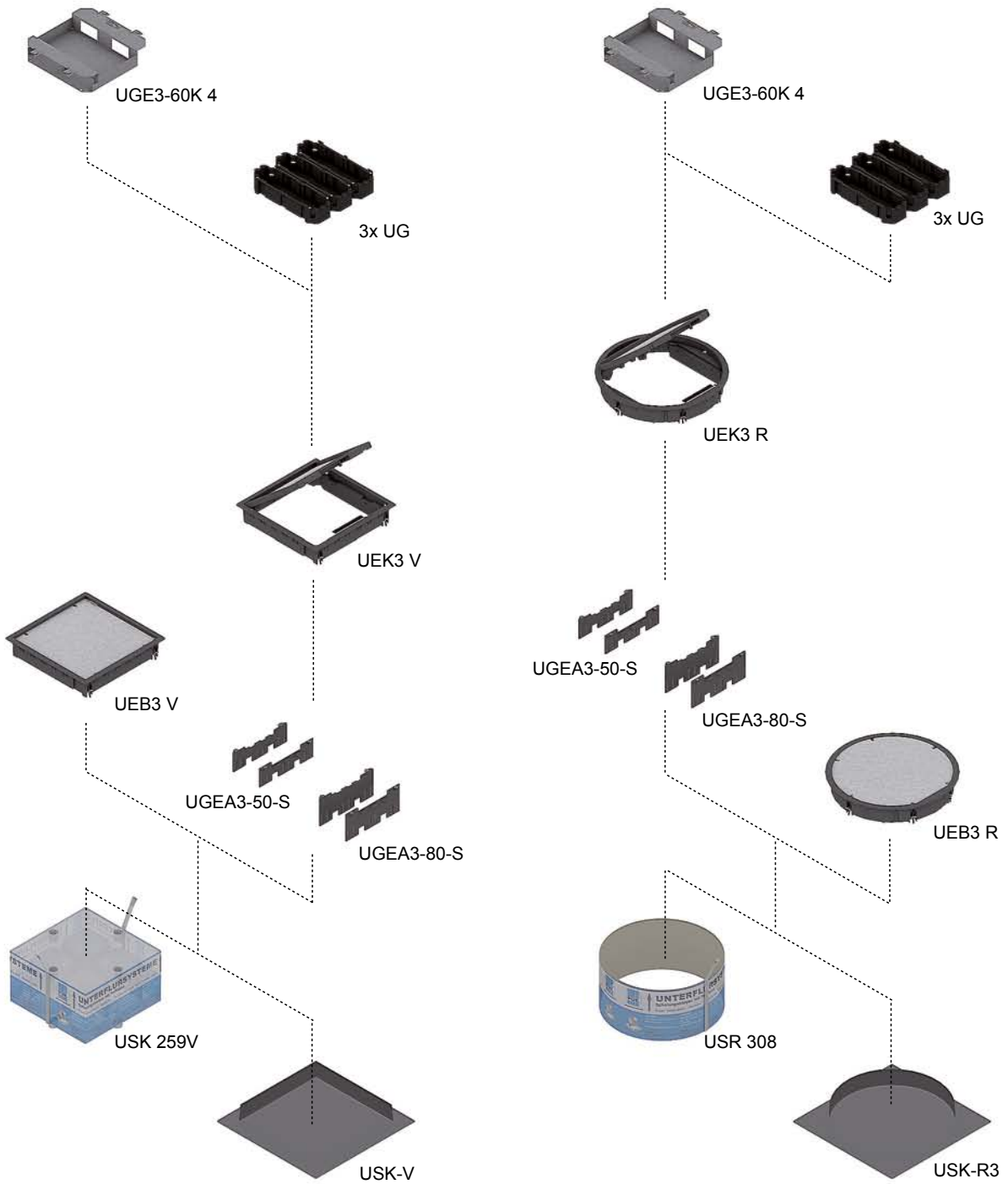
# Brush installation units made of plastic

## Information



# System overview

Brush installation units made of plastic



# Brush installation units made of plastic

## Information

### UEB3 R installation unit - dummy cover triple, round

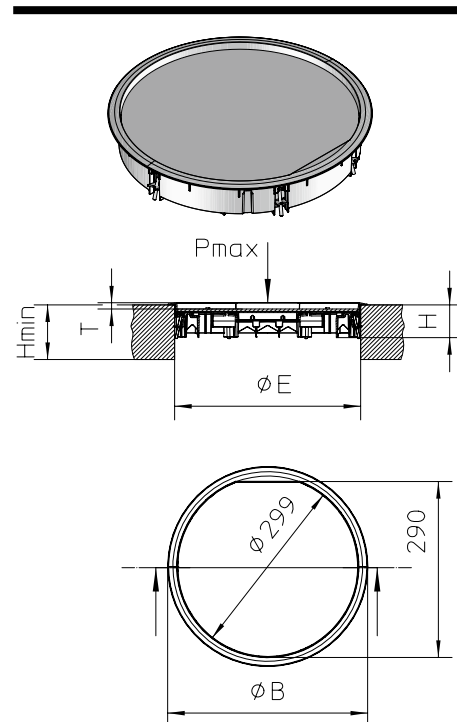
article number	H mm	H <sub>min</sub> mm	B mm	E mm	T mm	P <sub>max</sub> kN	colour	IP <sub>n</sub>	G kg
<b>PA</b>									
<b>UEB3-R-G</b>	58	63	330	307	10	2	RAL 7011 (iron grey)	IP 30	2,574
<b>UEB3-R-S</b>	58	63	330	307	10	2	RAL 9011 (graphite black)	IP 30	2,574

accessories included:

6 x **UDKS3-VR** Claw for plastic installation devices

accessories optional:

**UEB R** cover inlay, dummy cover, round



### UEK3 R installation unit - hinged cover triple, round

article number	H mm	H <sub>min</sub> mm	B mm	E mm	T mm	P <sub>max</sub> kN	colour	IP <sub>n</sub>	IP <sub>g</sub>	G kg
<b>PA</b>										
<b>UEK3-R-G</b>	58	63	330	307	10	2	RAL 7011 (iron grey)	IP 30	IP 20	1,935
<b>UEK3-R-S</b>	58	63	330	307	10	2	RAL 9011 (graphite black)	IP 30	IP 20	1,935

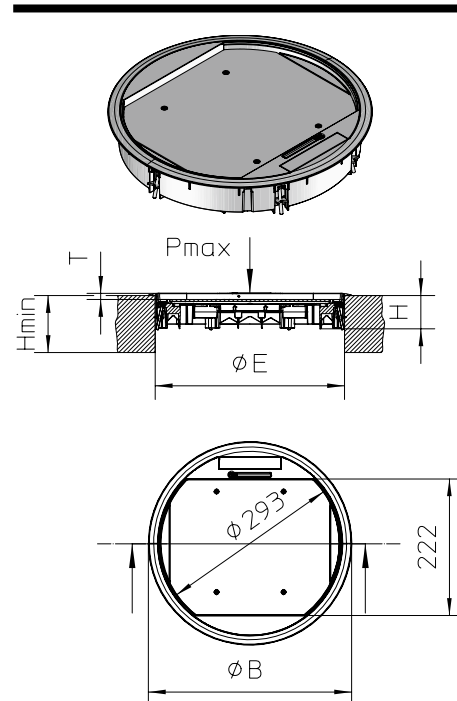
accessories included:

6 x **UDKS3-VR** Claw for plastic installation devices

accessories optional:

**UEK R** cover inlay, hinged cover, round

**UGE A3** set of registering leads



# Brush installation units made of plastic

## Information

### UEB3 V installation unit - dummy cover triple, quadrangular

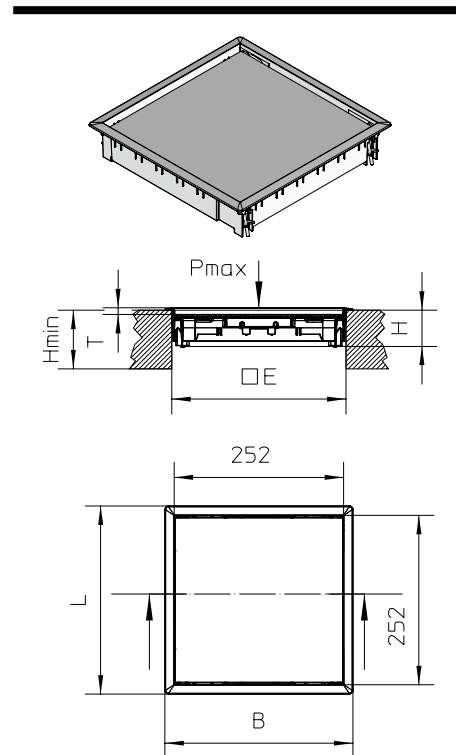
article number	H mm	H <sub>min</sub> mm	B mm	L mm	E mm	T mm	P <sub>max</sub> kN	colour	IP <sub>n</sub>	G kg
<b>PA</b>										
<b>UEB3-V-G</b>	58	63	280	280	260x260	10	2	RAL 7011 (iron grey)	IP 30	1,27
<b>UEB3-V-S</b>	58	63	280	280	260x260	10	2	RAL 9011 (graphite black)	IP 30	1,27

accessories included:

4 x **UDKS3-VR** Claw for plastic installation devices

accessories optional:

**UEB V** cover inlay, dummy cover, quadrangular



### UEK3 V installation unit - hinged cover triple, quadrangular

For assembly instructions, see the chapter assembly.

article number	H mm	H <sub>min</sub> mm	B mm	L mm	E mm	T mm	P <sub>max</sub> kN	colour	IP <sub>n</sub>	IP <sub>g</sub>	G kg
<b>PA</b>											
<b>UEK3-V-G</b>	58	63	280	280	260x260	10	2	RAL 7011 (iron grey)	IP 30	IP 20	1,80
<b>UEK3-V-S</b>	58	63	280	280	260x260	10	2	RAL 9011 (graphite black)	IP 30	IP 20	1,80

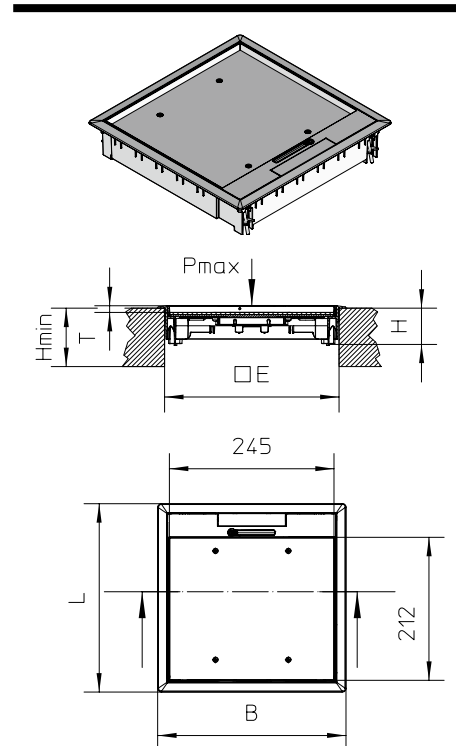
accessories included:

4 x **UDKS3-VR** Claw for plastic installation devices

accessories optional:

**UEK V** cover inlay, hinged cover, quadrangular

**UGEA3** set of registering leads

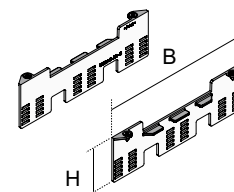


# Brush installation units made of plastic | Accessories

## Information

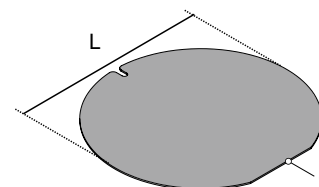
### UGEA3 Set of registering leads

article number	H mm	B mm	colour	lock-in range mm	G kg
<b>PA</b>					
<b>UGEA3-50-S</b>	56	186	RAL 9011 (black)	20-50	0,05
<b>UGEA3-80-S</b>	81	186	RAL 9011 (black)	50-80	0,08



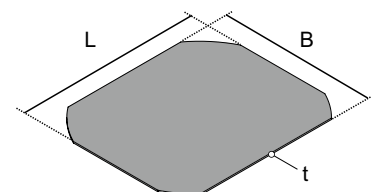
### UEB R Cover inlay, dummy cover, round

article number	L mm	t mm	G kg
<b>KT</b>			
<b>UEB3-R 2</b>	295	2	0,081
<b>UEB3-R 5</b>	295	5	0,202



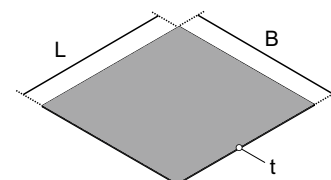
### UEK R Cover inlay, hinged cover, round

article number	B mm	L mm	t mm	G kg
<b>KT</b>				
<b>UEK3-R 2</b>	219	259	2	0,073
<b>UEK3-R 5</b>	219	259	5	0,182



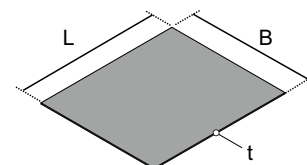
### UEB V Cover inlay, dummy cover, quadrangular

article number	B mm	L mm	t mm	G kg
<b>KT</b>				
<b>UEB3-V 2</b>	245	249	2	0,073
<b>UEB3-V 5</b>	245	249	5	0,207



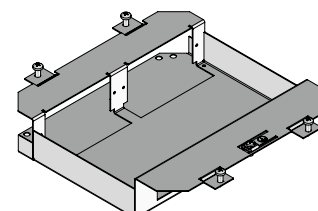
### UEK V Cover inlay, hinged cover, quadrangular

article number	B mm	L mm	t mm	G kg
<b>KT</b>				
<b>UEK3-V 2</b>	210	243	2	0,069
<b>UEK3-V 5</b>	210	243	5	0,173



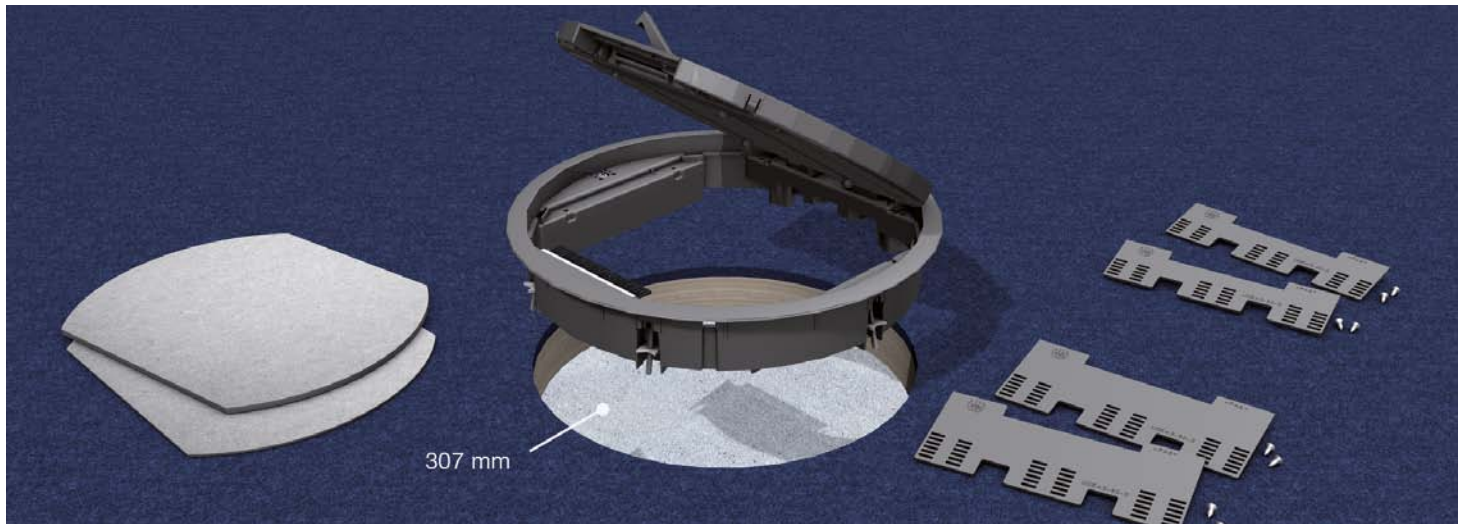
### UGE3 60 Device insert

article number	H mm	H <sub>min</sub> mm	B mm	L mm	data jacks	G kg
<b>S</b>						
<b>UGE3-60K 4</b>	47	60	252	226	6	0,60

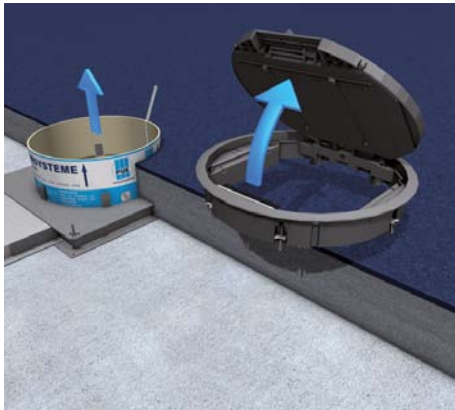


# Brush installation units made of plastic, round

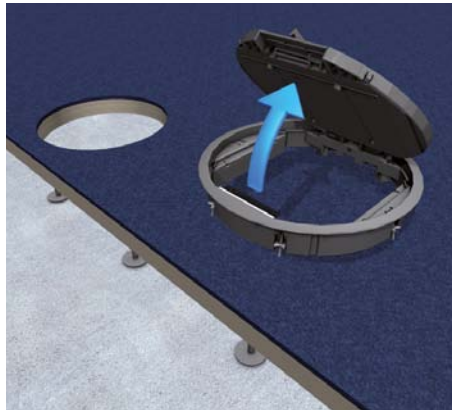
## Assembly instruction



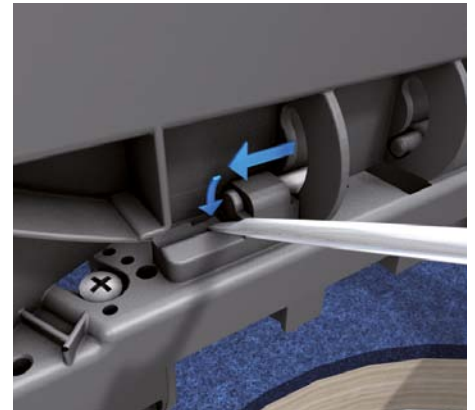
Round installation unit with a brush cable outlet, external diameter of 305 mm, for installation of up to three device containers. For floor cover depths of 10, 8, 5, and 3 mm. Lock-in leads of 50 or 80 mm needed for complementation.



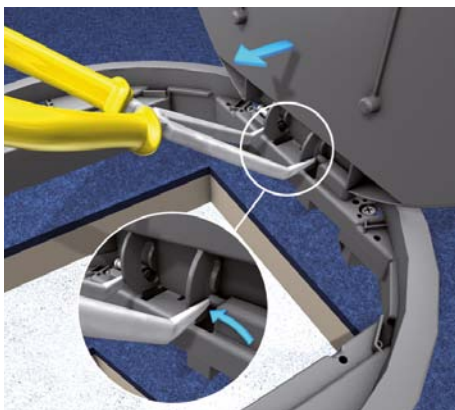
**1 | Screed floors**  
In case of a screed-covered system, remove shuttering tube and insert installation unit directly into the installation opening.



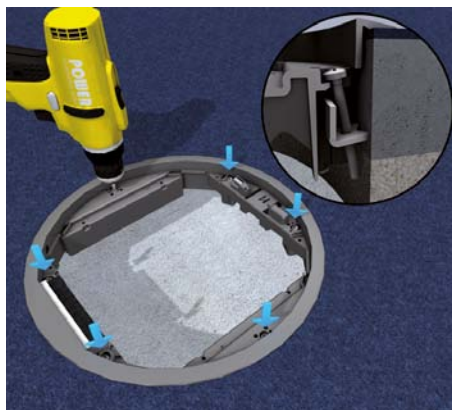
**2 | Hollow floors and raised floors**  
For hollow or raised floors insert installation unit directly into the installation opening.



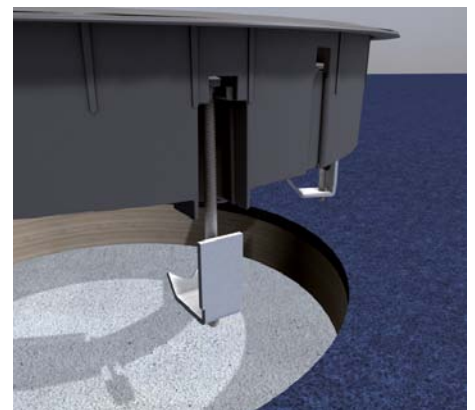
**3 | Hinged cover mechanism**  
Open cover completely, press lug down with a screwdriver while moving the hinge to the left at the same time.



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



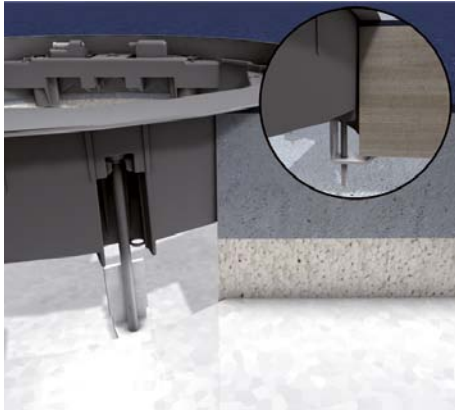
**5 | Fastening the installation frame**  
Insert frame into installation opening from the top and tighten the pre-assembled claws with a crosshead screw. Check to ensure that the frame fits tightly.



**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.

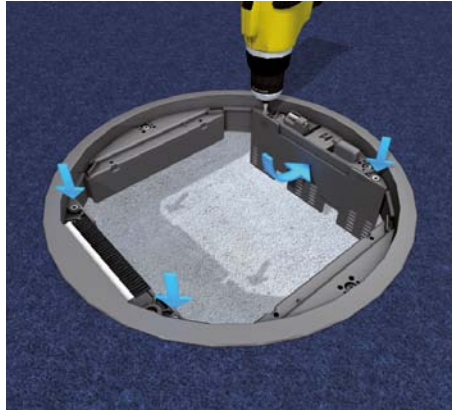
# Brush installation units made of plastic, round

## Assembly instruction



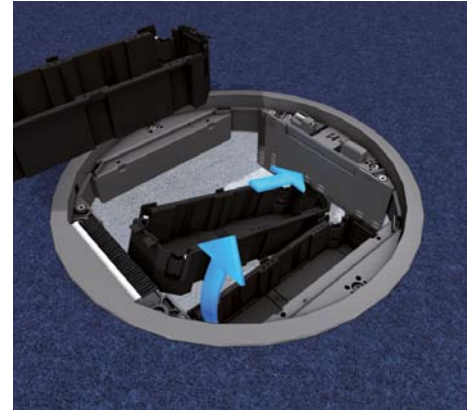
### 7 | The use of claws

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.



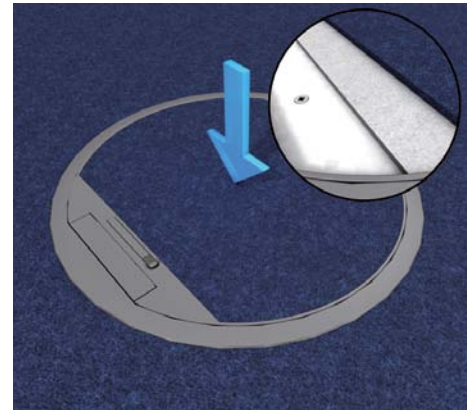
### 10 | Lock-in leads

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.



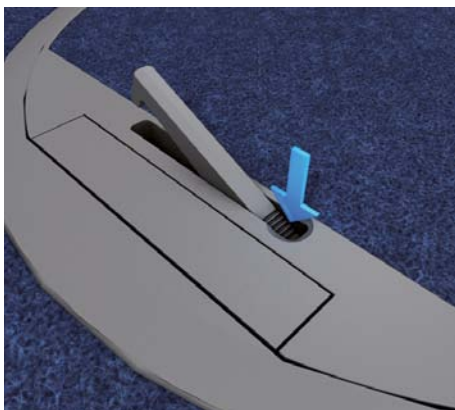
### 11 | Releasing the device cup

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



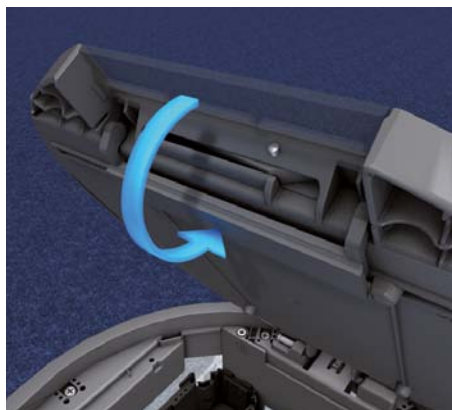
### 12 | Floor cover in hinge cover

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.



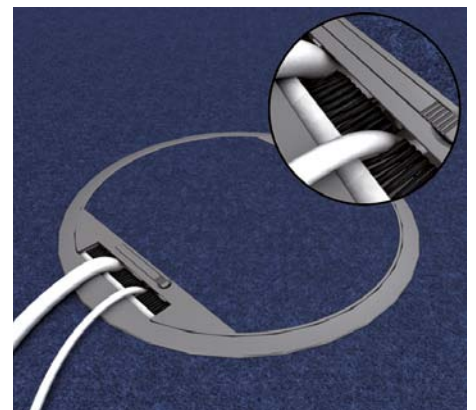
### 13 | Opening lever

Operate self-locking opening lever behind the cable outlet.



### 14 | Cable connection flap

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

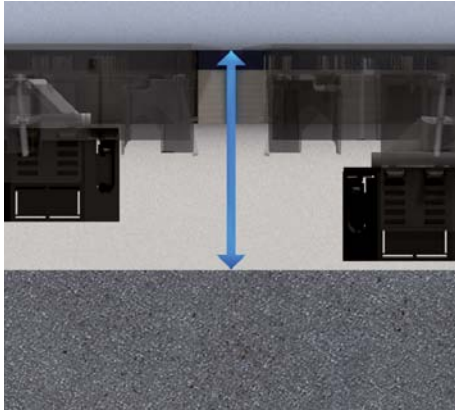


### 15 | Brush cable outlet

Lead out cables through the open brush cable outlet.

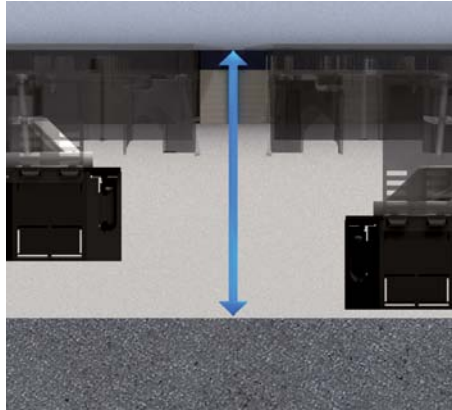
# Brush installation units made of plastic, round

## Assembly instruction



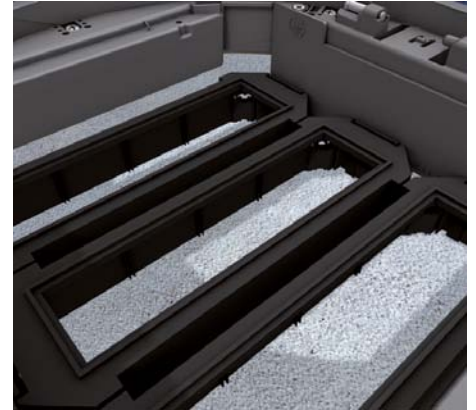
### 16 | Minimum installation height

Minimum installation height: 89 mm when using a 50 mm lock-in lead, respectively 109 mm when using a 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.



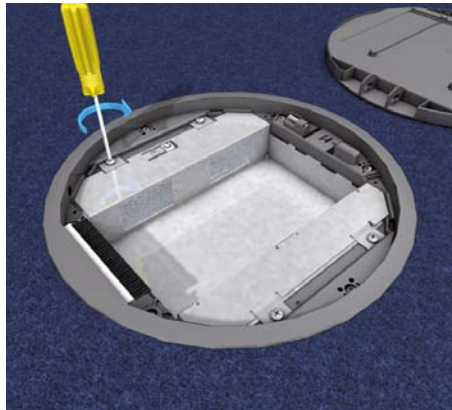
### 18 | The use of UG45

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.



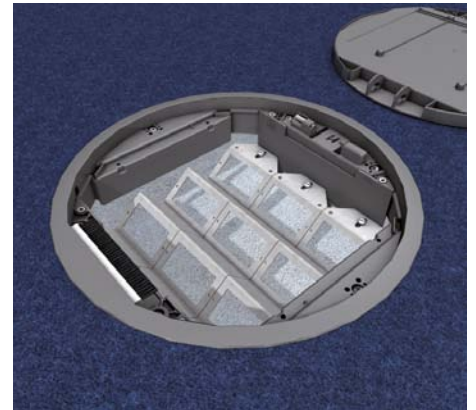
### 19 | The use of UG3

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.



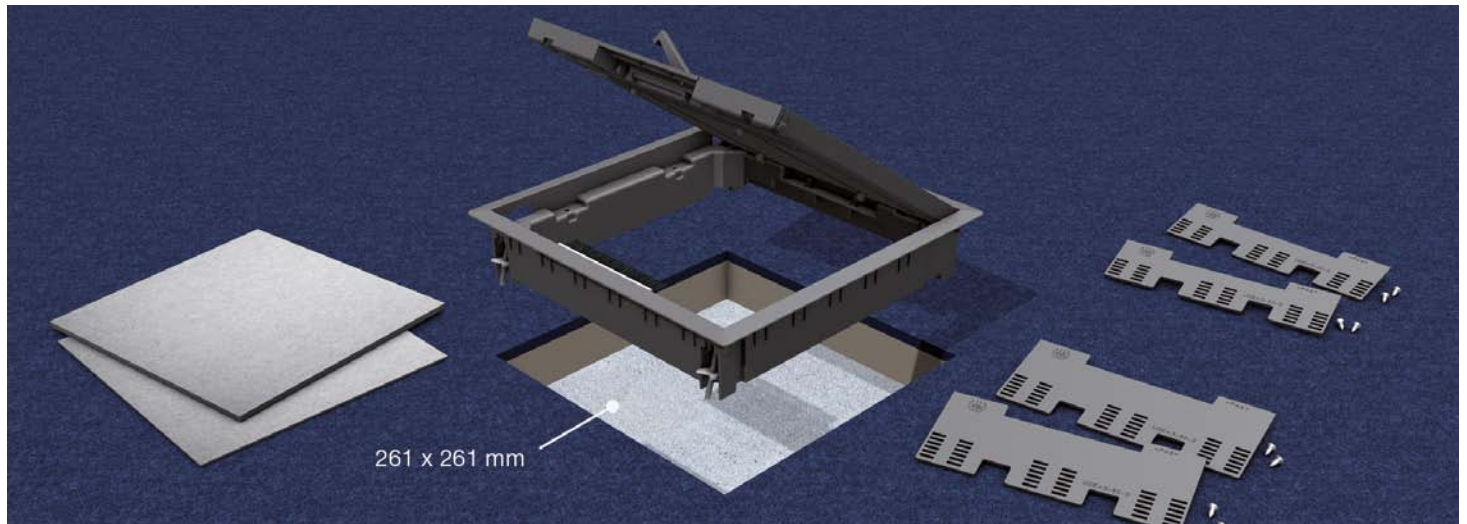
### 21 | Data device carrier

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.

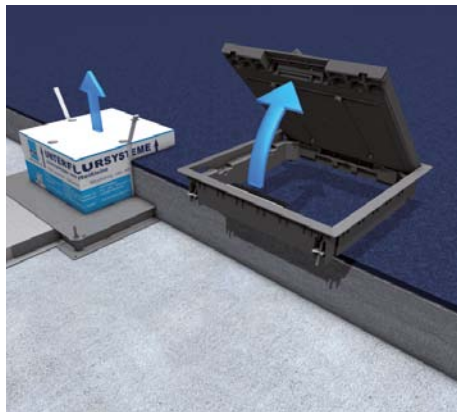


# Brush installation units made of plastic, quadrangular

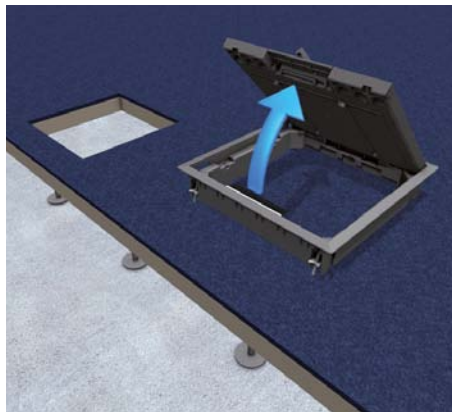
## Assembly instruction



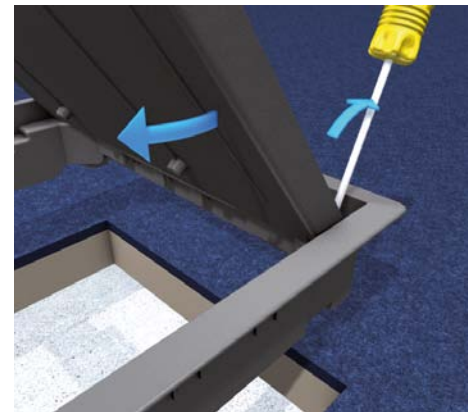
Quadrangular installation unit with a brush cable outlet and external dimensions of 280 x 280 mm for the installation of up to three device cups. For floor cover depths of 10, 8, 5, and 3 mm. Lock-in leads of 50 or 80 mm needed for complementation.



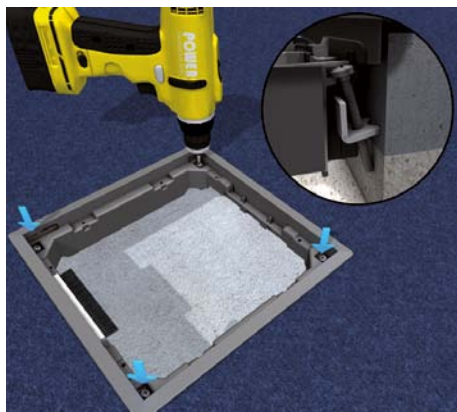
**1 | Screed floors**  
In case you chose a screed-covered system remove shuttering field and insert installation unit directly into the installation opening.



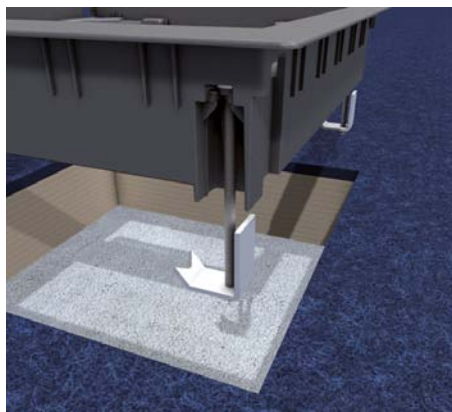
**2 | Hollow floors and raised floors**  
For hollow or raised floors insert installation unit directly into the installation opening.



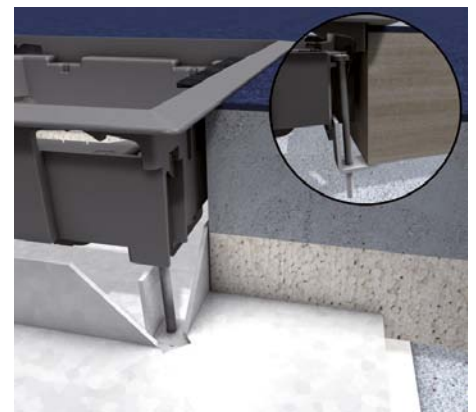
**3 | Hinged cover removal**  
Open cover completely, pull firmly to the front on the right and release from the hinge using a screwdriver.



**4 | 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 the frame fits tightly.



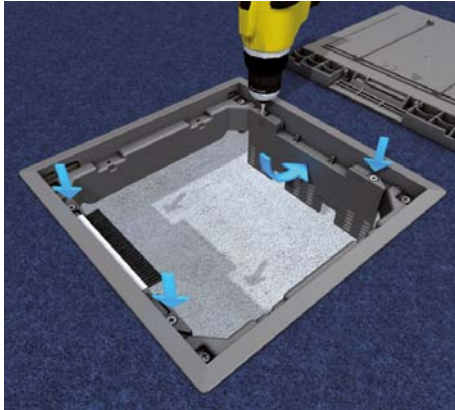
**5 | Claws**  
Custom-made applications require the use of claw UDKS 40-80. If that is the case, the pre-assembled claws are removed and replaced. Turn claw body so that the frame can be inserted from the top.



**6 | 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.

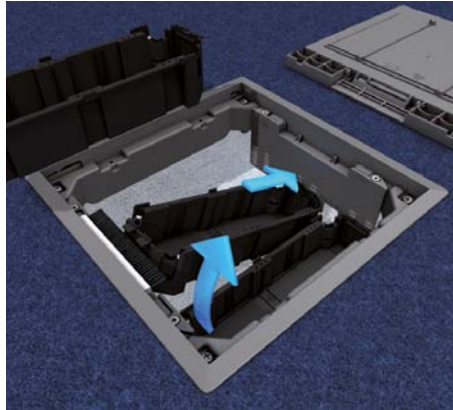
# Brush installation units made of plastic, quadrangular

## Assembly instruction



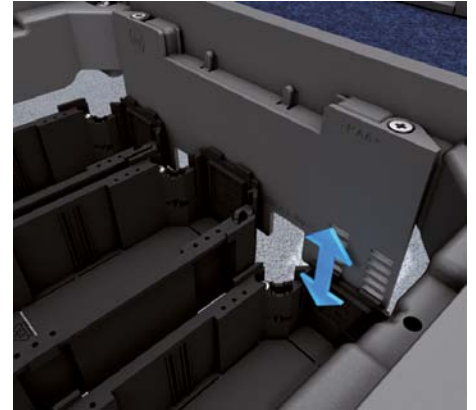
### 7 | The mounting of lock-in leads

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.



### 8 | Inserting the device cup

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



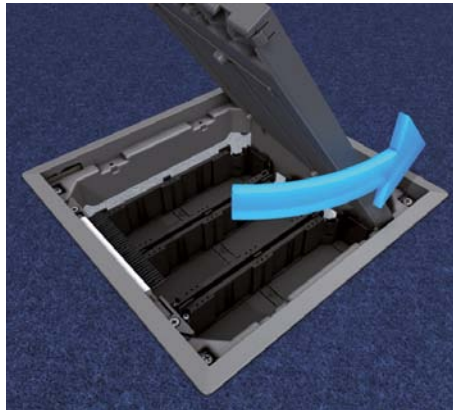
### 9 | Lock-in leads

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.



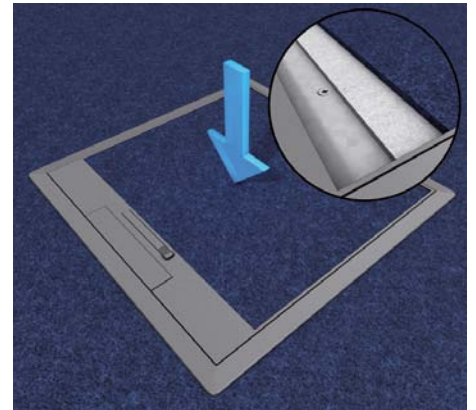
### 10 | Releasing the device cup

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



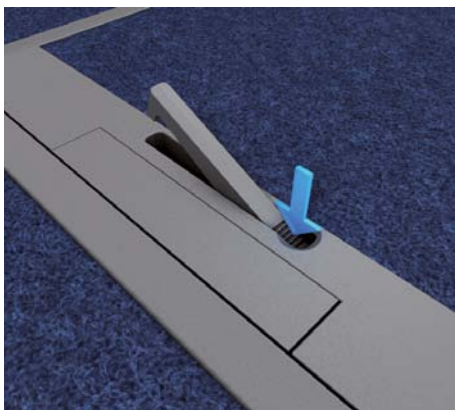
### 11 | Inserting the hinged cover

Insert hinged cover from the left back side, push firmly backwards on the right and latch in the hinge. The hinged cover can be inserted rotated by 180° and remains open in locking position.



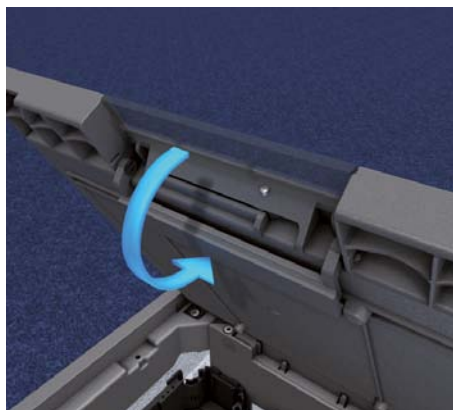
### 12 | Floor cover

Cut floor cover to no more than 10 mm from its precise fit and glue onto the steel reinforcement. Optionally, cover inlays in 2 mm or 5 mm thickness are available.



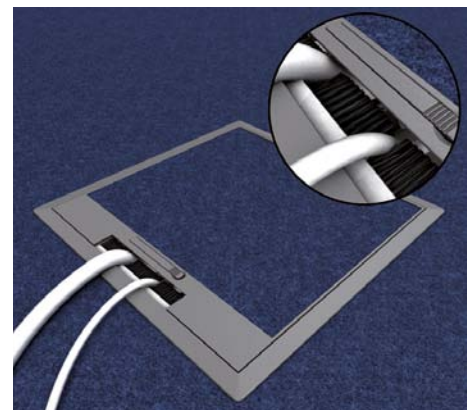
### 13 | Opening lever

Operate self-locking opening lever behind the cable outlet.



### 14 | Cable connection flap

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

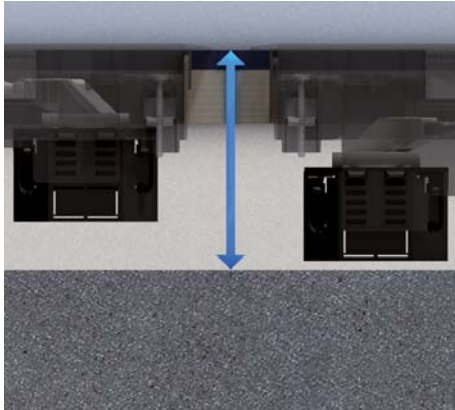


### 15 | Brush cable outlet

Lead out the cables through the open brush cable outlet.

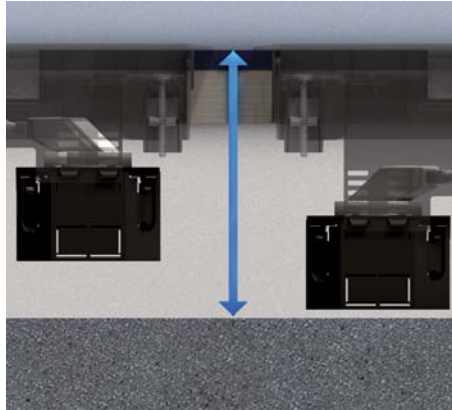
# Brush installation units made of plastic, quadrangular

## Assembly instruction



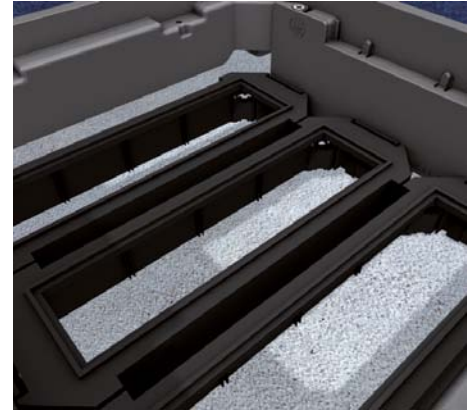
### 16 | Minimum installation height

Minimum installation height: 89 mm when using a 50 mm lock-in lead, respectively 109 mm when using a 80 mm lock-in lead, and in connection with coupler plugs up to H = 35 mm.



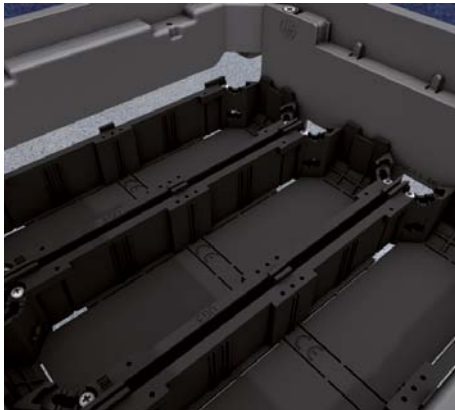
### 17 | Maximum installation height

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



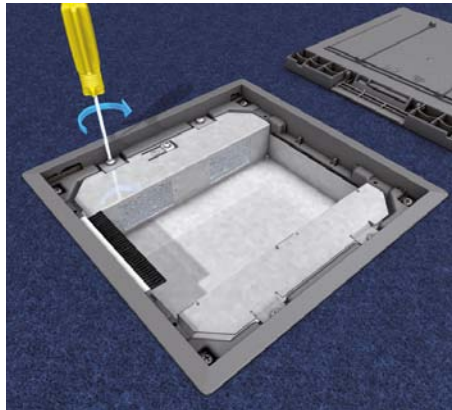
### 18 | The use of UG45

The device cup UG45-4 is suitable for using of 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 insert 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.



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