

# Mounting instructions

Signa Style device installation trunking

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### **Signa Style device installation trunking**

*Mounting instructions*

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# 1 About these instructions

## 1.1 Target group



These instructions are intended for the following target groups:

- Electrically trained specialists who have been charged with the mounting of the Signa Style device installation trunking
- Electrical planners and engineers charged with the planning of cable routing systems

Electrical work may only be carried out by specialist personnel with electrical training.

## 1.2 Relevance of these instructions

These instructions are based on the standards valid at the time of compilation (September 2022).

Please read the instructions carefully before starting mounting. We will not accept any warranty claims for damage and liability caused through non-observance of these instructions.

Any images are intended merely as examples. Mounting results may look different.

These instructions are intended as assistance in the mounting, maintenance and overhauling of cable routing systems and makes no claims as to completeness.

All the documents supplied with the product must be stored in an easily accessible location, so as to be available when information is required.

The manufacturer will not accept liability for damage caused through non-observance of these mounting instructions.

Regional and seasonal factors were not taken into account.

## 1.3 Types of warning information



### Type of risk!

Indicates a dangerous situation. If the safety instruction is not observed, then serious or fatal injuries may occur.

**CAUTION!**

### Type of risk!

Indicates a damaging situation. If the safety instruction is not observed, then damage to the product or the surroundings may occur.

### Note!

*Indicates important information or assistance.*

## 1.4 Basic standards and regulations

- DIN EN 50085, VDE 0604-2-1:2012-09 "Cable trunking systems and cable ducting systems for electrical installations"
- DIN VDE 0100 – Part 410: Protection measures

- DIN VDE 0100 – Part 520: Selection and erection of electrical equipment/Protection against external electrical influences (EMC)
- DIN VDE 0105: Operation of electrical installations (general requirements)
- DIN VDE 0107: Heavy-current installations in medical rooms
- DIN VDE 0298: Application of cables and cords in power installations
- EN 50310: Telecommunications bonding networks for buildings and other structures
- EN 50174: Information technology – Cabling installation
- DIN 4102: Fire Behaviour of Building Materials and Building Components
- DIN 18015-1: Electrical installations in residential buildings – Part 1: Planning principles
- prEN 50642: Cable management systems – Test method for content of halogens
- Safety regulations for office workstations
- Protection against unauthorised access, e.g. in administrations, military or similar
- Shock protection for protection areas for civil defence

### 1.5 Applicable documents

- Declaration of conformity, see <https://www.obo.de/service/downloads/konformitaetserklaerungen/gebaeudeinstallation/leitungsfuehrungs-systeme/>
- Symbol approvals, see <https://www.obo.de/service/downloads/zertifikate/gebaeudeinstallation/leitungsfuehrungs-systeme/>

## 2 Intended use

Signa Style device installation trunking according to DIN EN 50085. Electrical installation devices (e.g. sockets, data technology supports or multimedia connections) with a rated voltage of up to 400 V can be installed in the device installation trunking. The Signa Style device installation trunking is only intended for use in dry interior areas.

## 3 Safety

### 3.1 General safety information

Observe the following general safety information:

- Contact with electrical current can lead to an electric shock.
- Risk of cutting from plate edges.
- Electrical work may only be carried out by specialist personnel with electrical training.
- Cable routing systems may not be used as supports for people or

heavy objects.

- Observe the fire protection specifications when erecting systems for the maintenance of electrical function.
- Improper mounting or mounting deviating from the manufacturer's specifications may cause the cable routing system to collapse.
- Depending on the version, the cable routing systems are designed for use at different ambient temperatures.
- Do not stand on painted or coated surfaces, in order to prevent damage to the surfaces.

### 3.2 Personal protective equipment

List of personal protective equipment to be used:



Use hand protection



Wear safety shoes



Wear eye protection

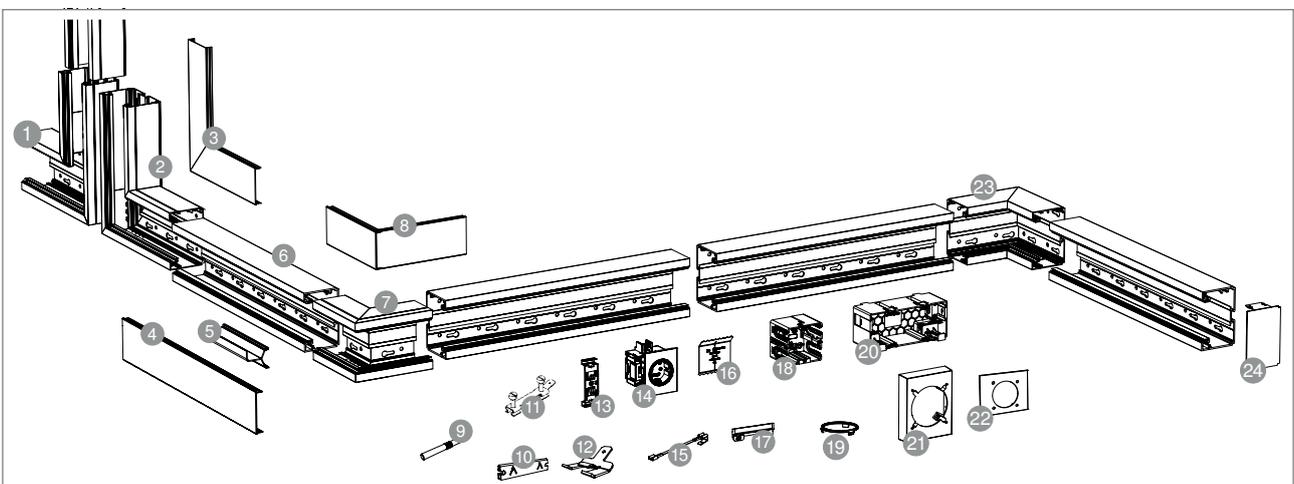
### 3.3 Necessary tools

List of tools to be used:

- Screwdriver
- Saw
- Drill

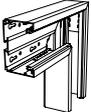
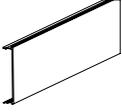
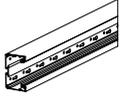
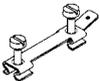
## 4 System overview

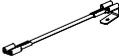
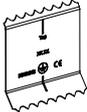
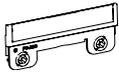
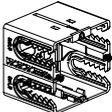
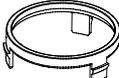
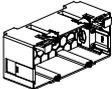
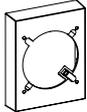
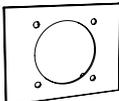
### 4.1 System description



**Abb. 1:** Overview, Signal Style device installation trunking system

The Signa Style device installation trunking system is made up of various components:

Item no.	Designation	Figure	Function
1	Falling flat angle		Flat angle to change the direction of the Signa Style device installation trunking.
2	Rising flat angle		Flat angle to change the direction of the Signa Style device installation trunking.
3	Cover for flat angles		Cover for closing flat angles.
4	Cover		Cover for closing the Signa Style device installation trunking.
5	Partition		Partition for the Signa Style device installation trunking. To install different voltage levels.
6	Device installation trunking		Trunking base for covered cable routing and device installation in internal areas. With base perforation for direct mounting on the wall.
7	External corner		External corner to change the direction of the Signa Style device installation trunking.
8	Cover for external corner		Cover for closing external corners.
9	Coupling pin		Coupling pins for direct connection of trunking bases. Suitable for the Signa Style, Compact Data and Profila Data trunking systems.
10	Earthing clip		Earthing clip for the electrical connection between partition and partition.
11	Earthing bridge		Earthing bridge for the electrical connection between base and base. Earthing point with connection lug.
12	Earthing clamp		Earthing clamp for the electrical connection between base and cover. Also serves as a cable retaining clip.
13	Earthing terminal		Earthing terminal for the electrical connection between partition and partition, when a jump has to be bridged.

Item no.	Designation	Figure	Function
14	Signa In trunking socket		Signa In trunking socket (single to triple) with increased touch protection, incl. screen. A maximum of 4 trunking sockets can be connected through plug combinations. (16 A/250 V~)
15	Earthing wire		Earthing wire 250 mm with flat connector and plug-in distributor.
16	Earthing coupling		Earthing coupling for the electrical connection between base and base.
17	Labelling panel		The labelling panel is engaged in the side of the screen frame of the Signa In trunking sockets.
18	Device installation socket		Signa device installation socket (single to triple) for the installation of power and data technology in support ring and support clamp design in the Signa Style device installation trunking. For the single device installation socket: Easy refitting to data socket.
19	Colour ring		Colour ring to label special circuits. Available in the colours red, green and orange. To exchange the translucent marking rings of the Signa In trunking sockets.
20	Double/CEE device installation socket		Double device installation socket for the installation of power and data technology in the Signa Style device installation trunking. Either for two devices with a support ring or one CEE socket with 60 mm fastening track.
21	CEE intermediate flange		CEE intermediate flange for mounting CEE sockets with a 70 mm fastening track in a device installation socket.
22	CEE panel		CEE panel to cover CEE sockets with a 60 mm fastening track for the Signa Style trunking system.
23	Internal corner		Internal corner to change the direction of the Signa Style device installation trunking.
24	End piece		End piece for closing the ends of the Signa Style device installation trunking.

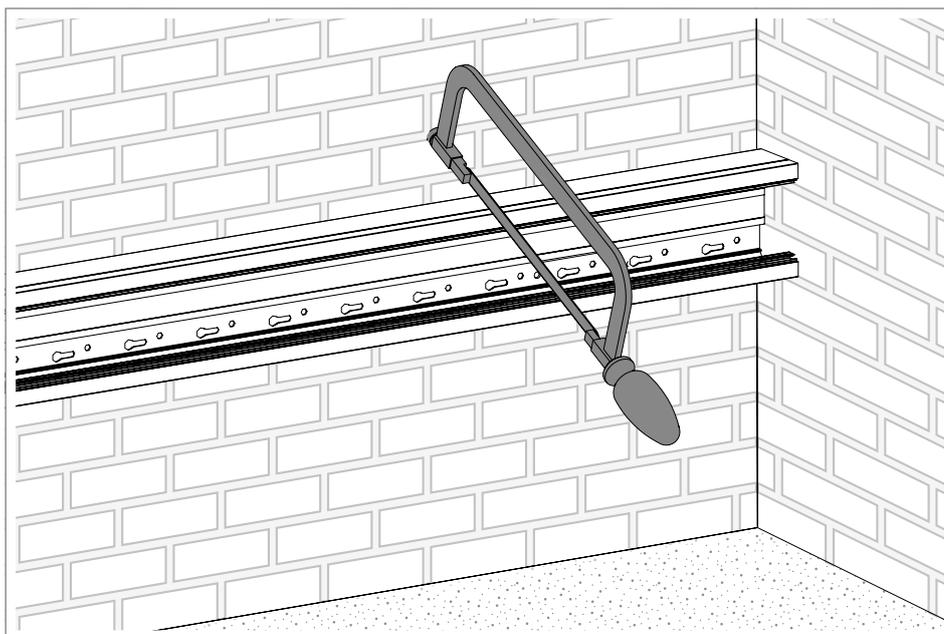
**Tab. 1:** System overview, Signa Style

The base perforation means that the Signa Style device installation trunking is suitable for direct wall mounting or mounting with the KSS wall panel adapter. The aluminium system is available with an anodised surface.

The Signa Style device installation trunking is available in various sizes (70 x 110 mm, 70 x 130 mm, 70 x 170 mm). The system opening is 81 mm.

### 5 Mounting the Signa Style device installation trunking

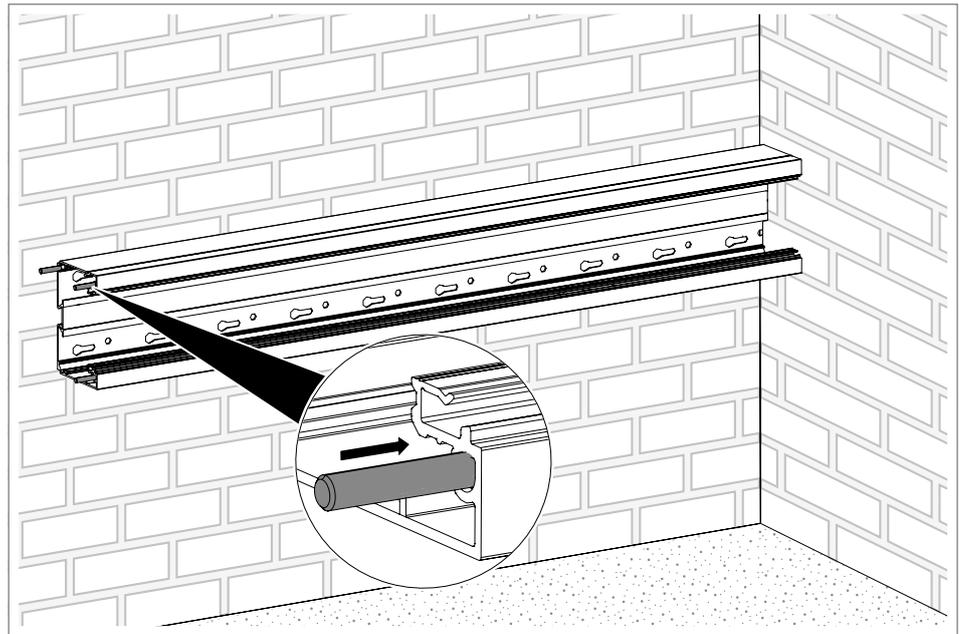
#### 5.1 Mounting the Signa Style device installation trunking



**Abb. 2:** Adapting the Signa Style device installation trunking

**Note!** *Mounting is also possible on the KSS wall panel adapter.*

1. Adapt the Signa Style device installation trunking ⑥ to the desired length using a suitable tool (e.g. saw).

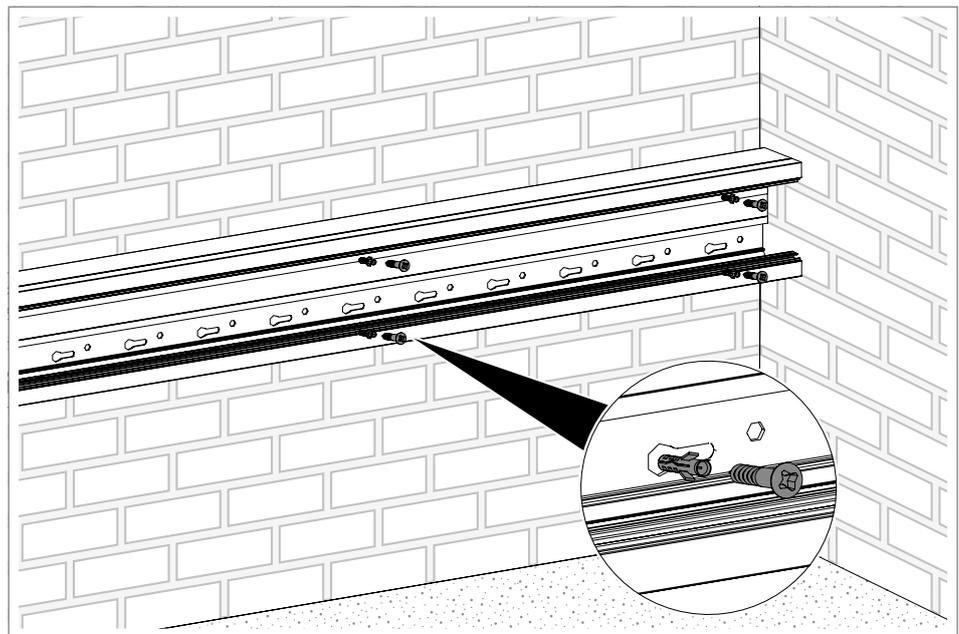


**Abb. 3:** Inserting coupling pins

**Note!**

*The Signa Style device installation trunking can be mounted without offsets using the coupling pins. At the same time, the asymmetrical arrangement defines the position of the dynamic line, thus excluding mounting errors.*

2. Align the Signa Style device installation trunking ⑥ with 3 coupling pins ⑨. In so doing, knock the coupling pins ⑨ in until the ridged raised section has disappeared completely into the Signa Style device installation trunking ⑥.



**Abb. 4:** Screwing the Signa Style device installation trunking tight

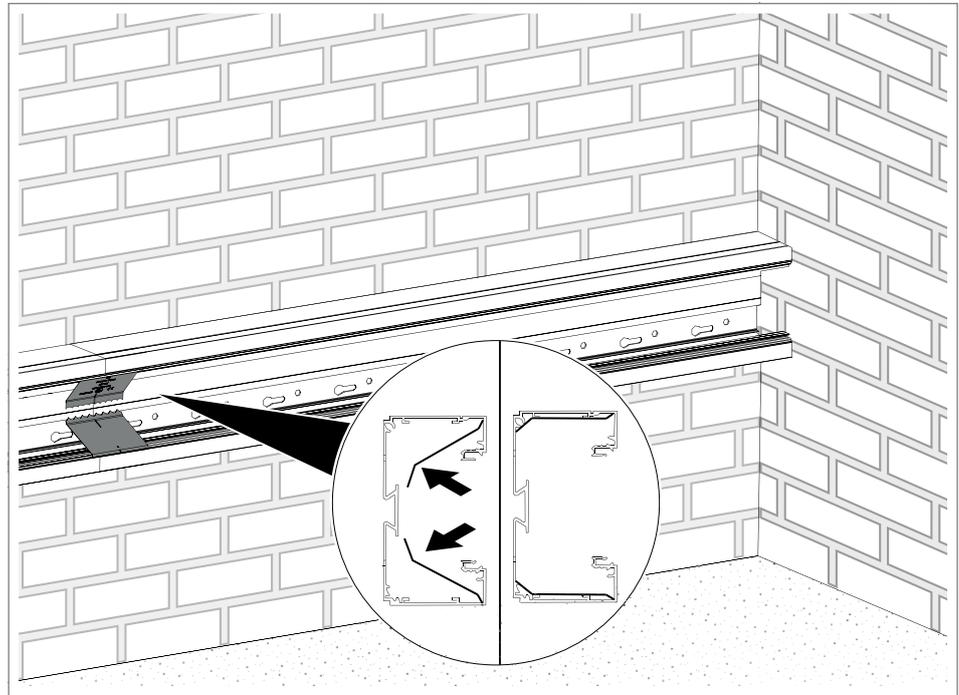
**Note!**

*There is a one-sided dynamic line on one side wall of the Signa Style device installation trunking. As the system is constructed in an asymmetrical manner, the dynamic line must point in the same direction during*

*the entire mounting process.*

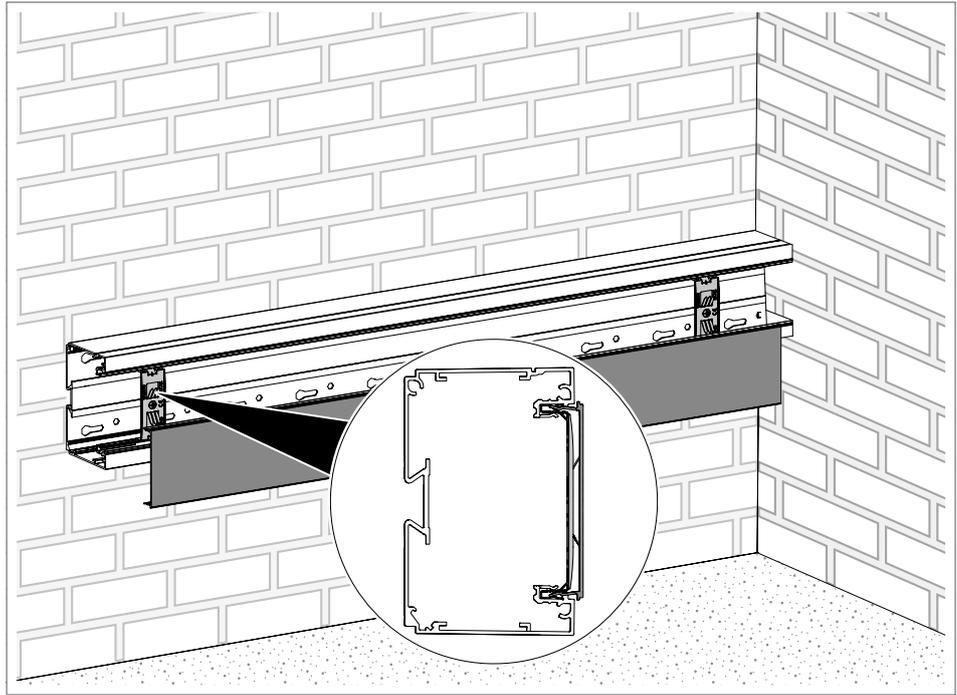
**Note!** *The protective film on the trunking indicates the position of the dynamic line.*

3. Fasten the Signa Style device installation trunking 6 in the slots on the wall using suitable fastening material (e.g. screw and anchor).



**Abb. 5:** Mounting the earthing coupling

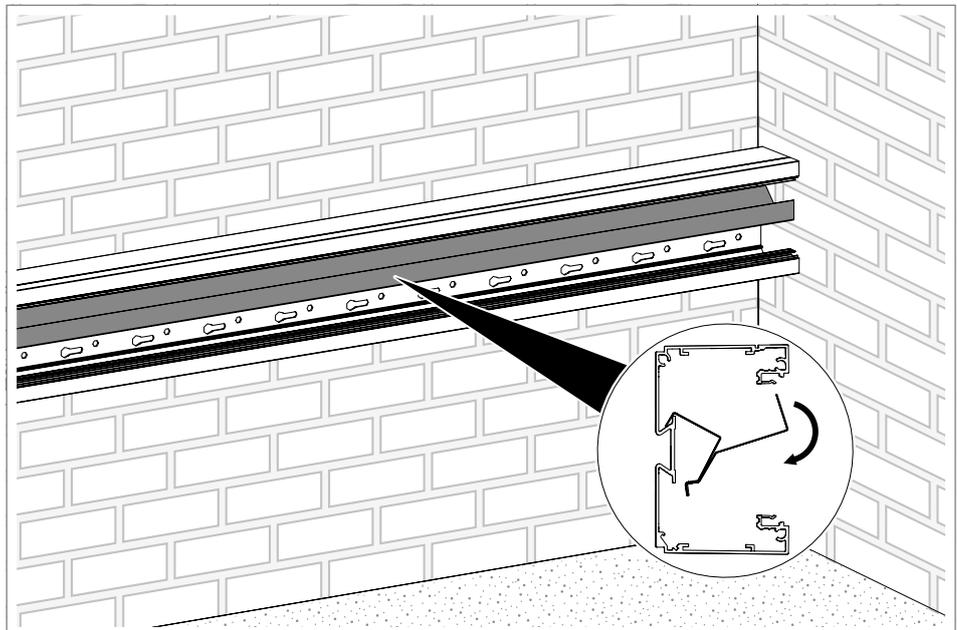
4. Insert two earthing couplings 16 (top and bottom) centrally to the trunking joint of the Signa Style device installation trunking 6 with the side labelled "TOP" in the central trunking corner..
5. In the base area, push the earthing coupling 16 as far as it will go against the side wall.



**Abb. 6:** Mounting earthing clamp

1. Engage the earthing clamp 13 in the Signa Style device installation trunking 6.
2. Mount the cover 4 over the earthing clamp.

### 5.2 Mounting accessories



**Abb. 7:** Mounting the partition



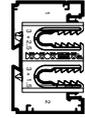
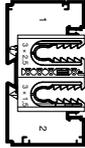
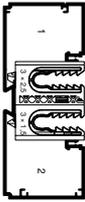
#### **Create the equipotential bonding!**

The partition is not automatically integrated into the equipotential bonding. Connect the partition with the device installation trunking using the earthing bridge, earthing wire and the earthing clip.

1. Engage the partition ⑤ on the support rail.
2. Insert cables in the Signa Style device installation trunking ⑥.

### 5.3 Mounting installation devices

The device installation socket ⑱ can be converted from a device installation socket to a data socket with just a few actions.

Trunking dimension	External dimensions, height x width (mm)	Clear cross-section per chamber (mm <sup>2</sup> )	Usable cross-section at filling factor 0.4	Number of cables per chamber at NYM 3 x 1.5	
Signa Style 70/110	70 x 110	1 970	388	4	
		2 1090	436	5	
Signa Style 70/130	70 x 130	1 1740	696	7	
		2 1740	696	7	
Signa Style 70/170	70 x 170	1 3040	1216	13	
		2 3040	1216	13	

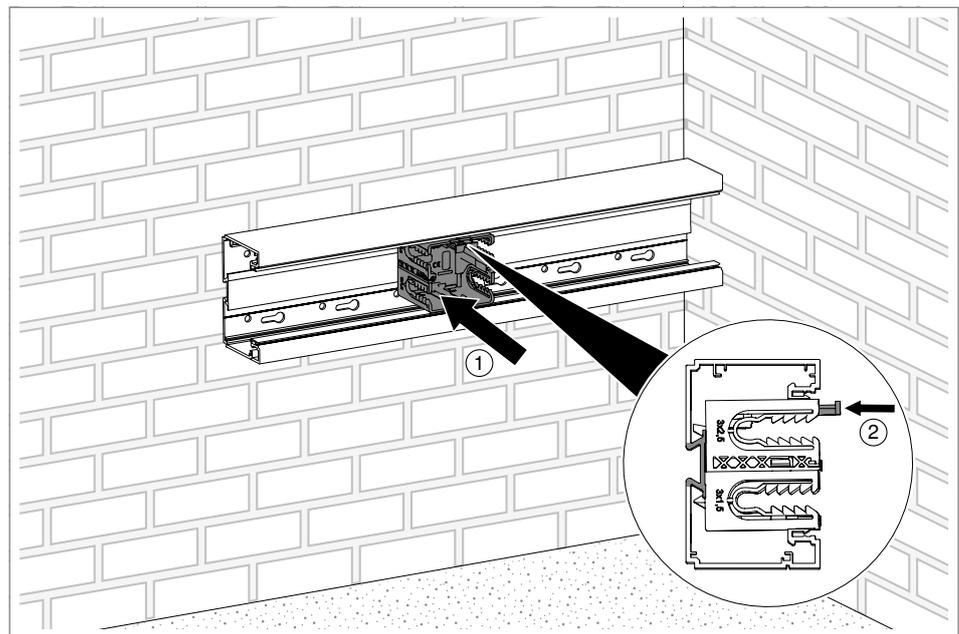


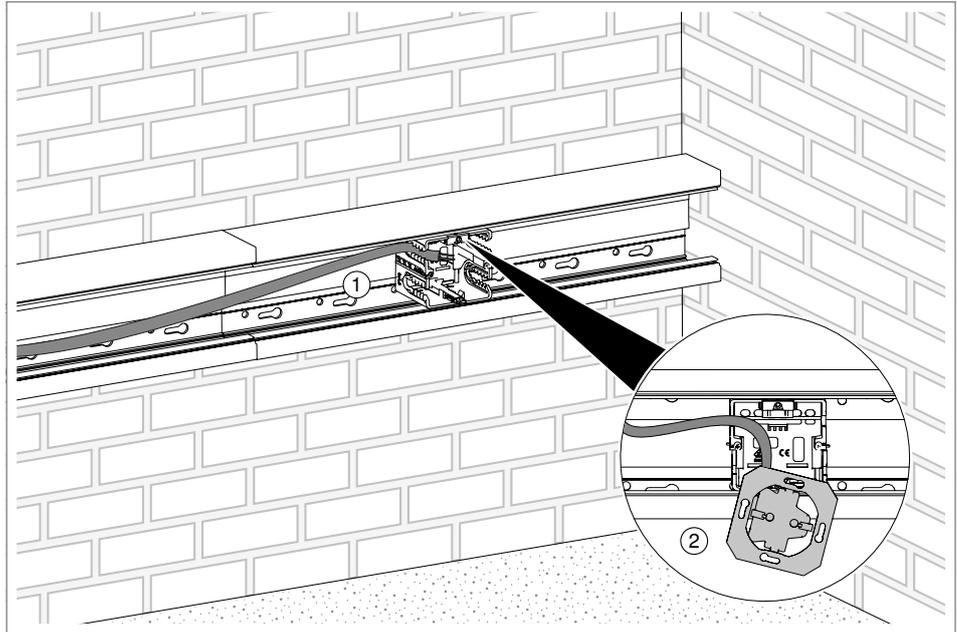
Abb. 8: Mounting the device installation socket

#### Note!

When installing double devices, mount two device installation sockets next to one another in the trunking.

1. Clip the device installation socket ⑱ onto the support rail in the base of the Signa Style device installation trunking ⑥ ①.
2. Move the device installation socket ⑱ into the final position. Fully

push in the protruding bar (2).



**Abb. 9:** Connecting the device installation socket

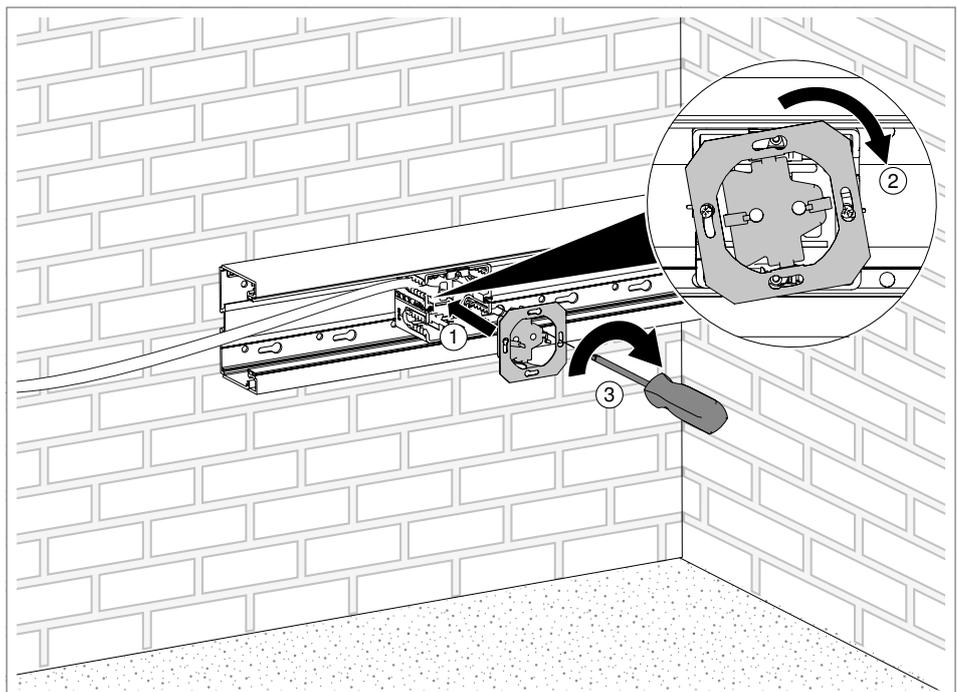
3. Fix the cable in the side openings of the device installation socket (18) (1).



### **Danger to life through electric shock!!**

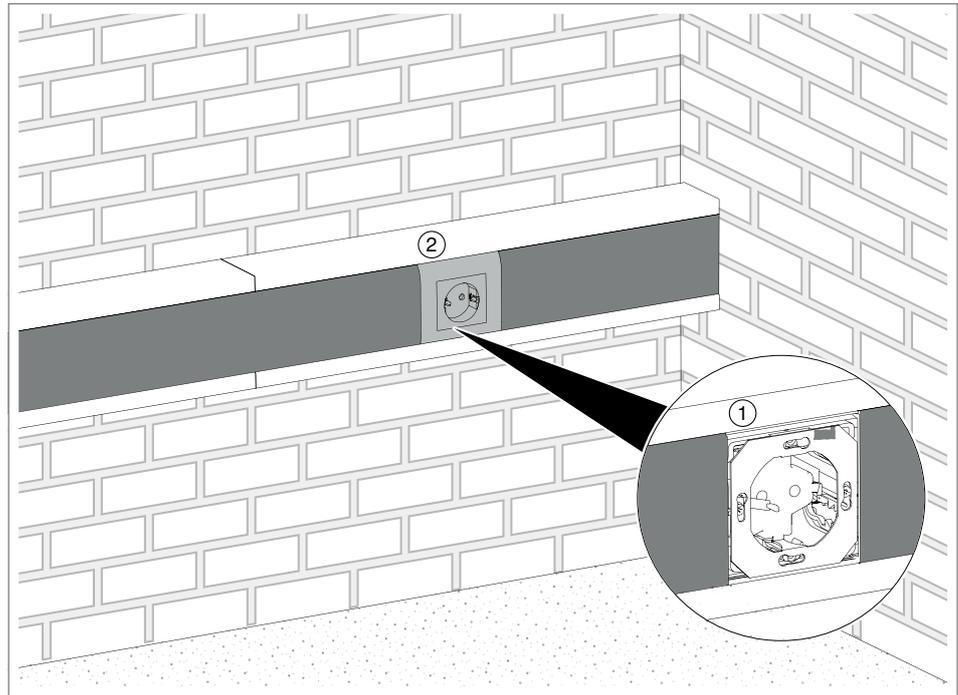
Energised components! Electrical installation work may only be carried out by an electrical engineer.

4. Wire in the socket in the device installation socket (18) (2).



**Abb. 10:** Mounting the socket

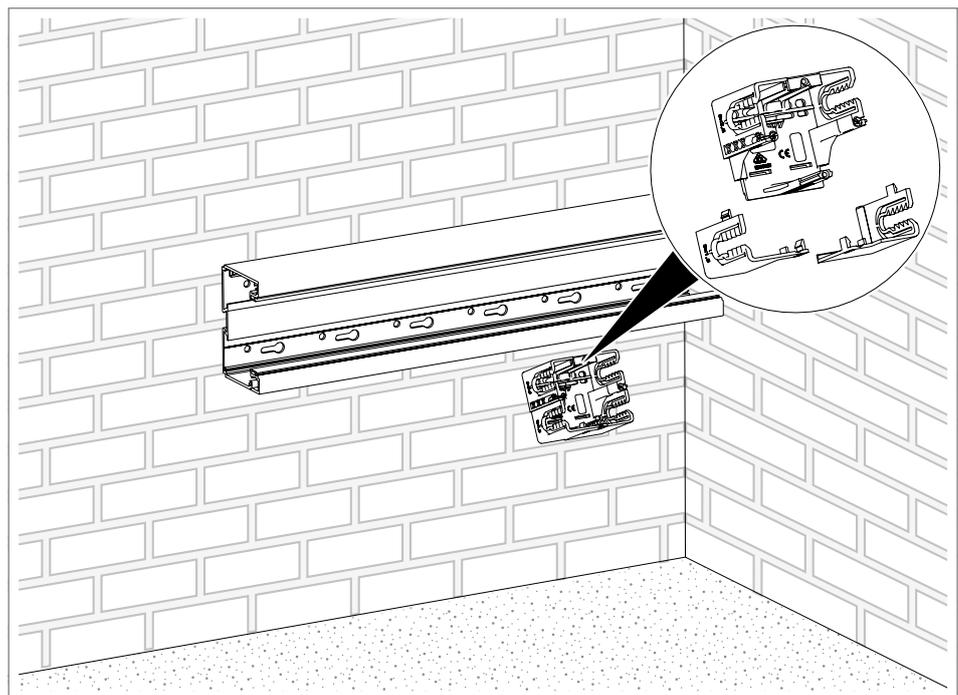
5. Connect and insert the socket in the device installation socket 18 ①.
6. Lock/rotate the socket ②.
7. Screw the socket tight with the pre-mounted external screws ③.



**Abb. 11:** Mounting the cover

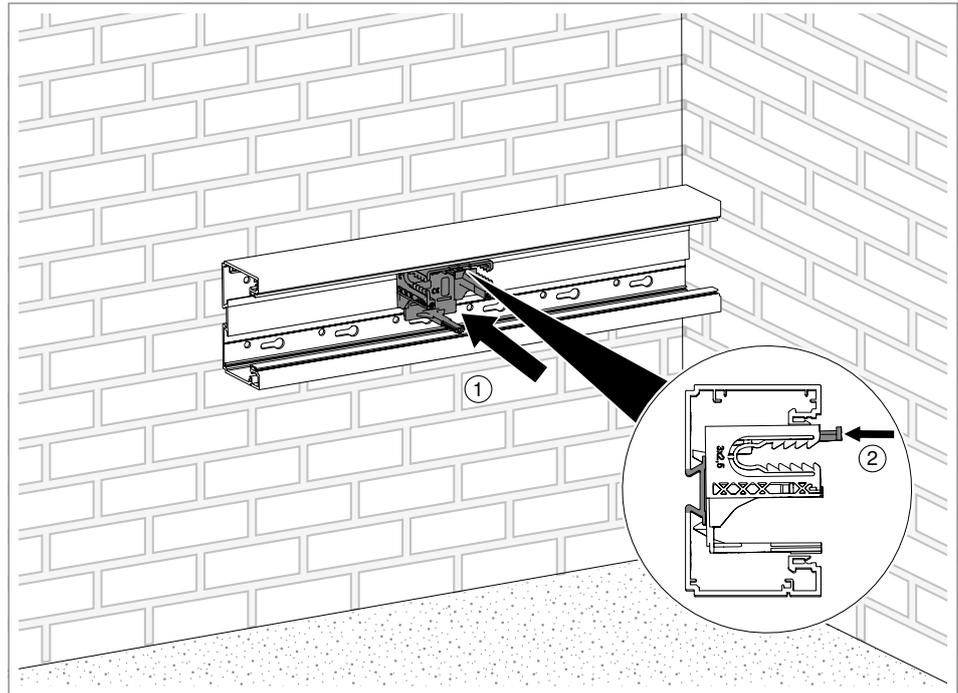
8. Push the covers ④ up to the support ring and clip them in ①.
9. Screw on the cover frame ②. The frame size of the cover frame should be at least 81 mm.

### 5.3.1 Using a device installation socket as a data socket



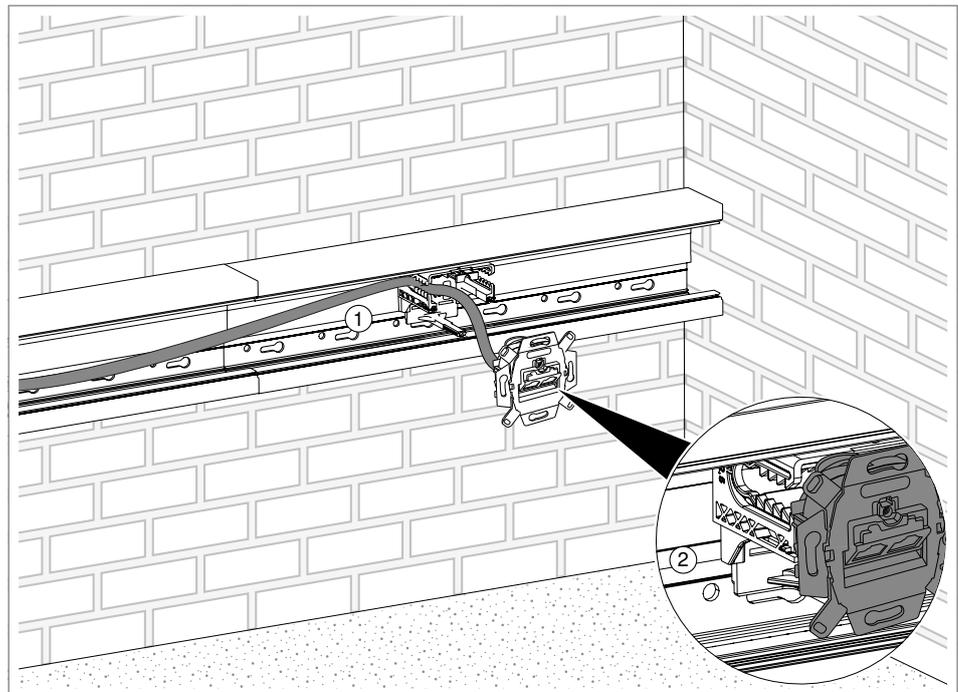
**Abb. 12:** Converting the device installation socket

1. Remove the two front cover linings of the device installation socket 18 on one or two sides.



**Abb. 13:** Mounting the data socket

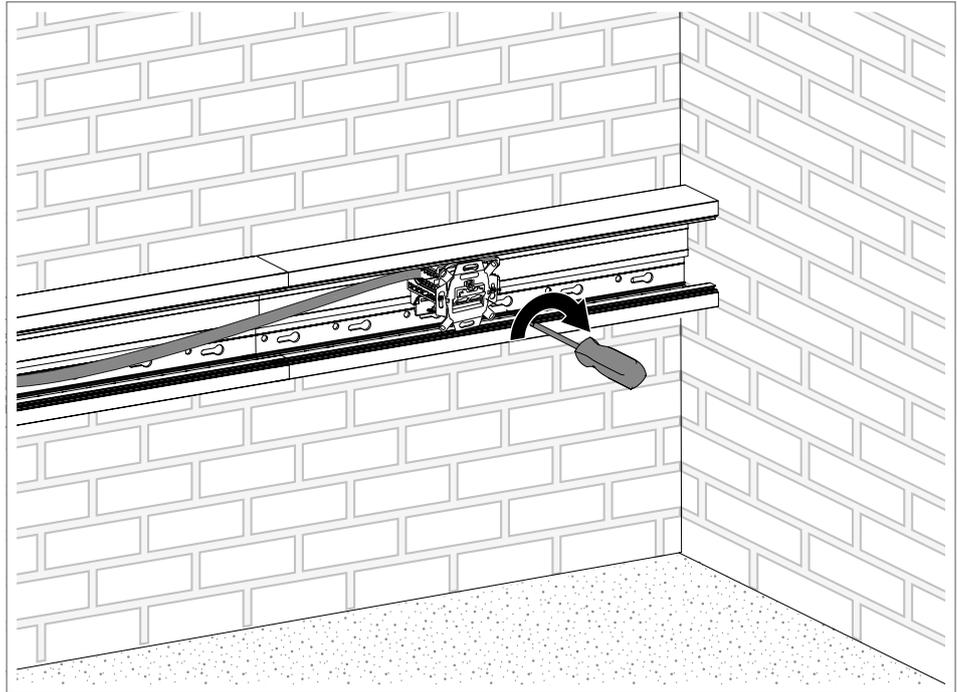
2. Clip the device installation socket 18 onto the support rail in the base of the Signa Style device installation trunking 6 (1).
3. Move the device installation socket 18 into the final position. Fully push in the protruding bar (2).



**Abb. 14:** Connecting the data socket

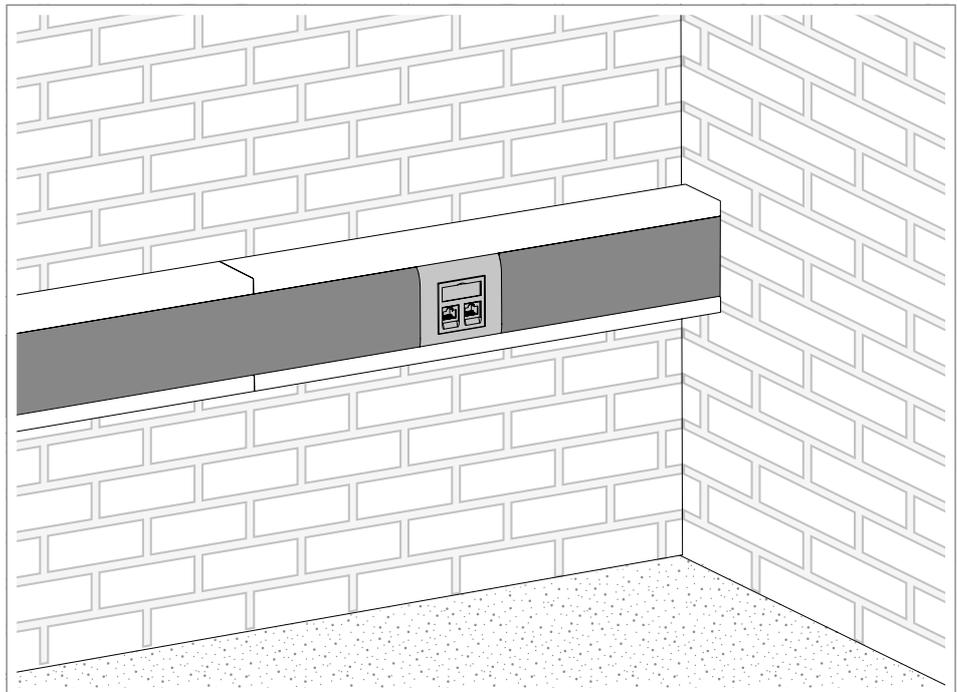
4. Fix the cable in the side openings of the device installation socket 18 (1).
5. Insert the prewired data device with data cable into the device

installation socket 18 from above 2).



**Abb. 15:** Mounting the data socket

6. Connect and insert the data socket in the device installation socket 18.
7. Screw the socket data tight with the pre-mounted external screws.

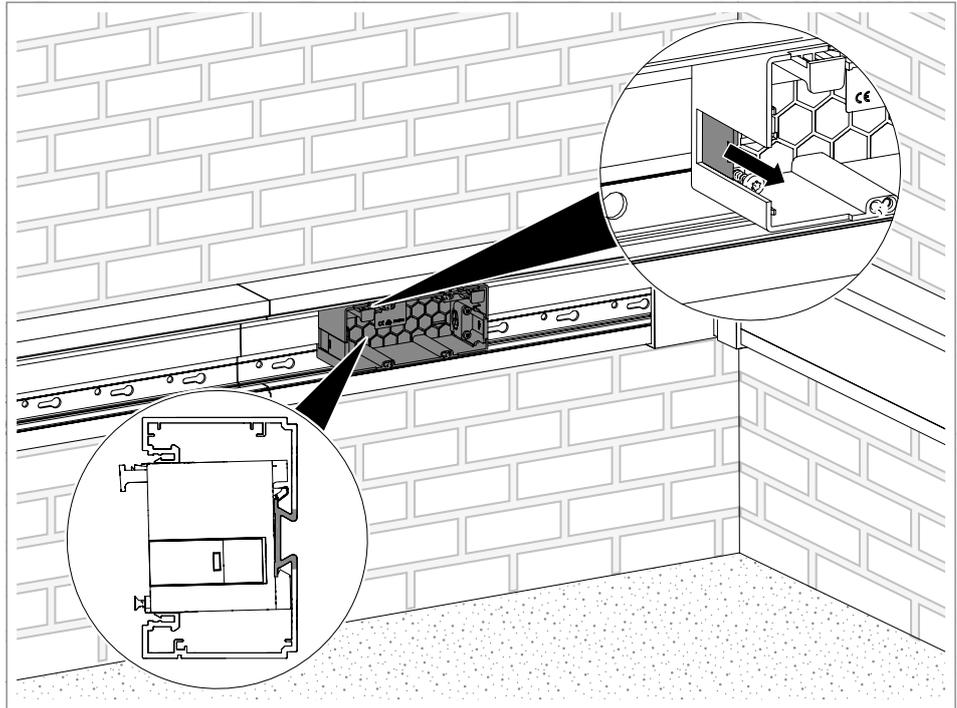


**Abb. 16:** Mounting the cover

8. Push the covers 4 up to the support ring and clip them in.
9. Screw on the cover frame. The frame size of the cover frame should

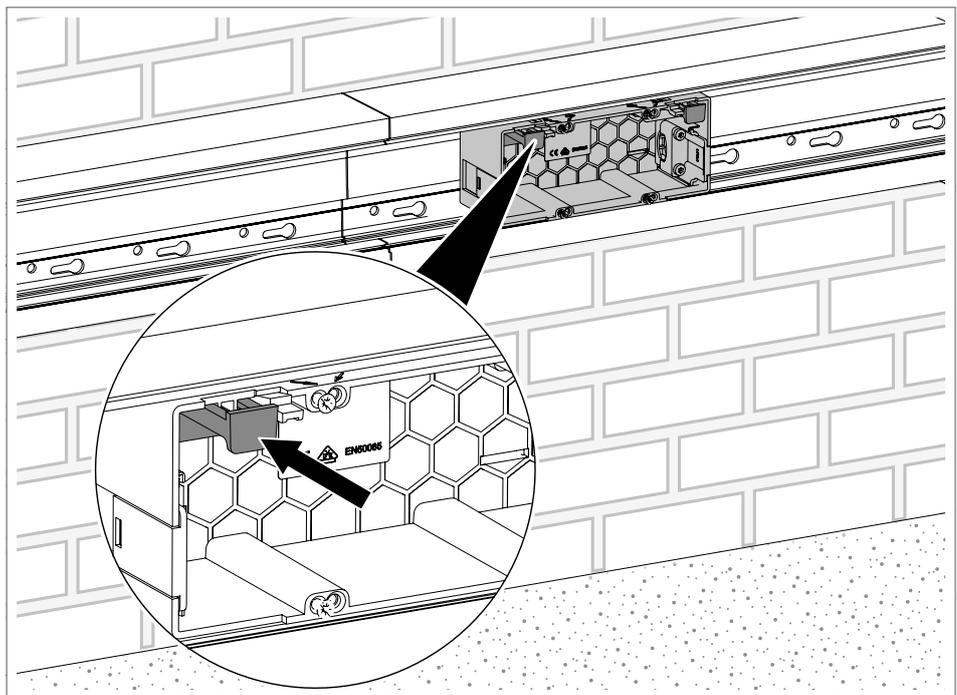
be at least 81 mm.

### 5.3.2 Mounting the double device installation socket



**Abb. 17:** Inserting the double device installation socket

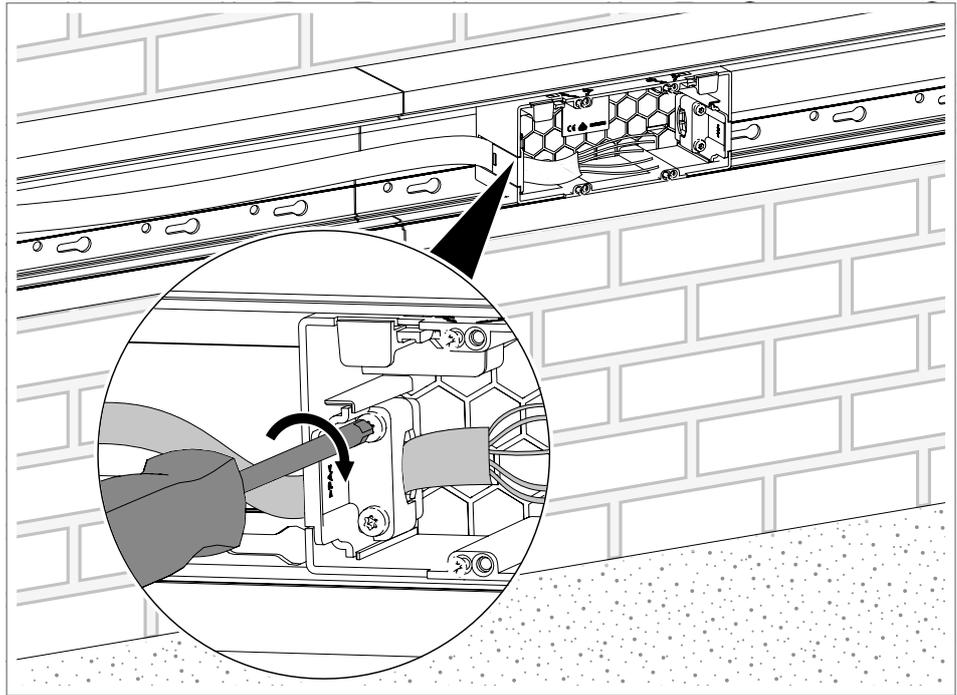
1. Remove the recess for strain relief in the double device installation socket 20.
2. Engage the double device installation socket 20 on the support rail in the Signa Style device installation trunking 6.



**Abb. 18:** Mounting the double device installation socket

3. Fasten the double device installation socket 20 using the locking

straps.



**Abb. 19:** Pulling in the cable



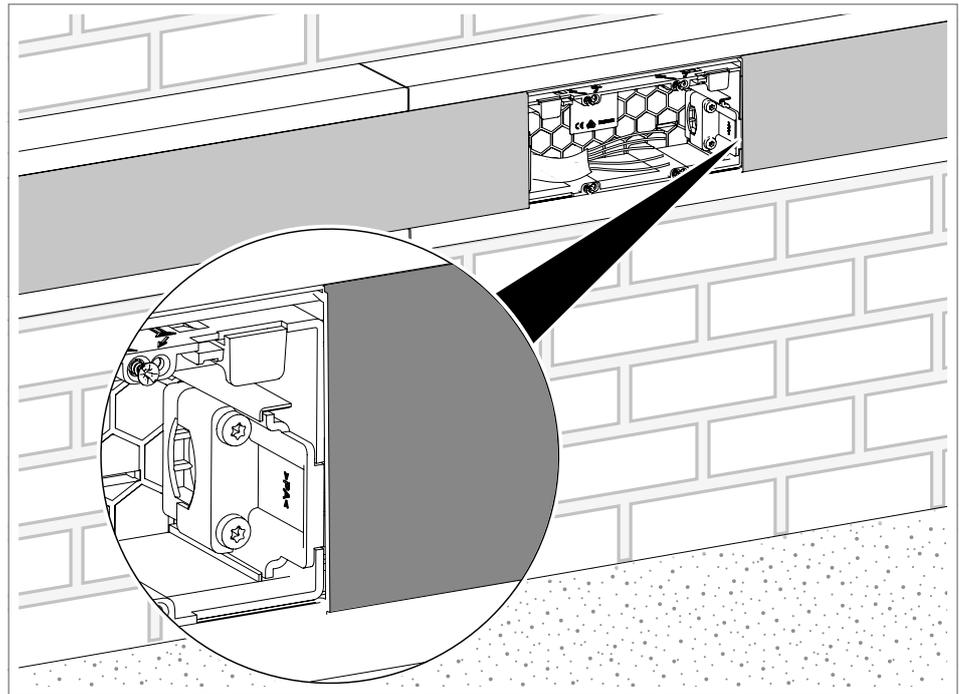
### **Danger to life through electric shock!!**

Energised components! Electrical installation work may only be carried out by an electrical engineer.

### **Note!**

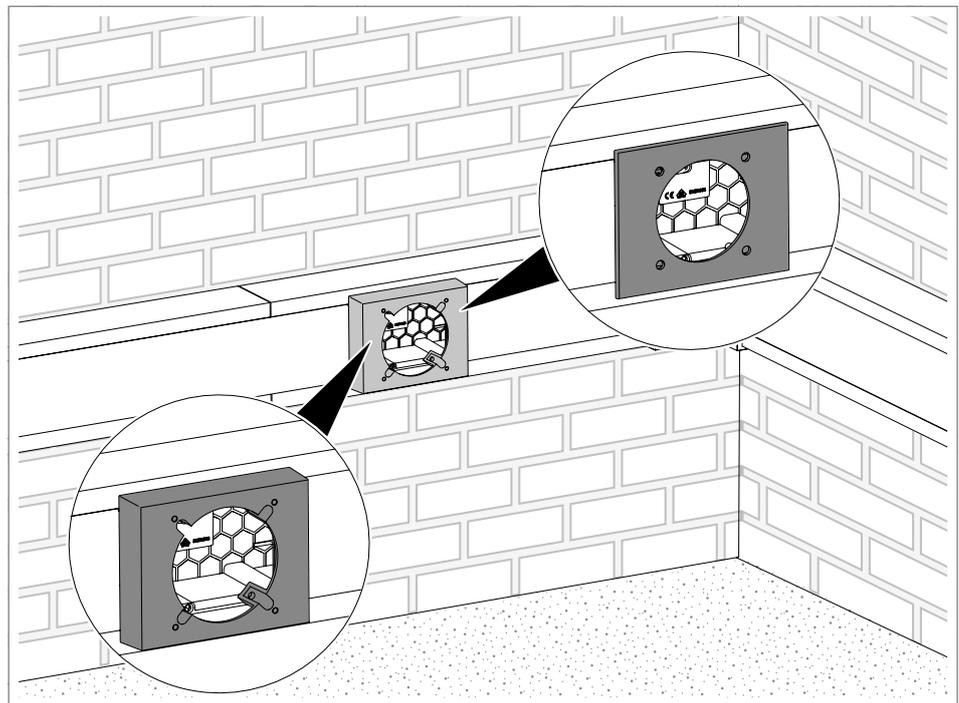
*The 5-wire heavy current cable must be pulled up to 1 cm into the double device installation socket.*

4. Pull the cable into the double device installation socket 20.
5. Relieve the cable with the strain relief.



**Abb. 20:** Mounting covers

6. Guide the covers 4 up to the limit stop of the double device installation socket 20.

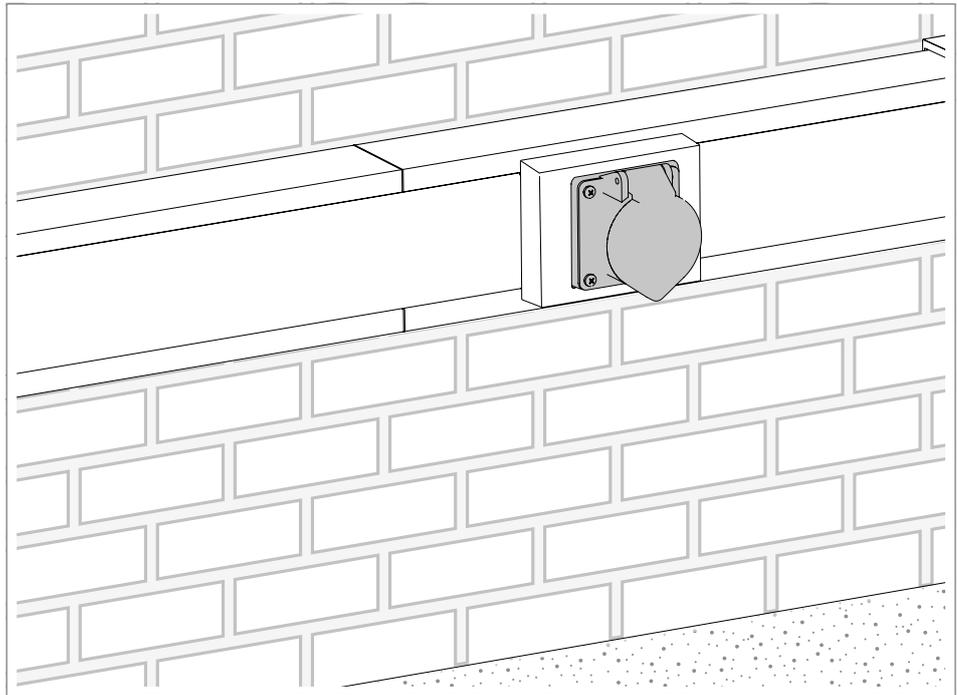


**Abb. 21:** Mounting the CEE intermediate flange/CEE panel

**Note!**

Depending on the size of the fastening track, the CEE socket is either mounted with the CEE intermediate flange (70 mm fastening track) or with the CEE panel (60 mm fastening track).

7. Engage the CEE intermediate flange 21 or CEE panel 22 onto the double device installation socket 20.



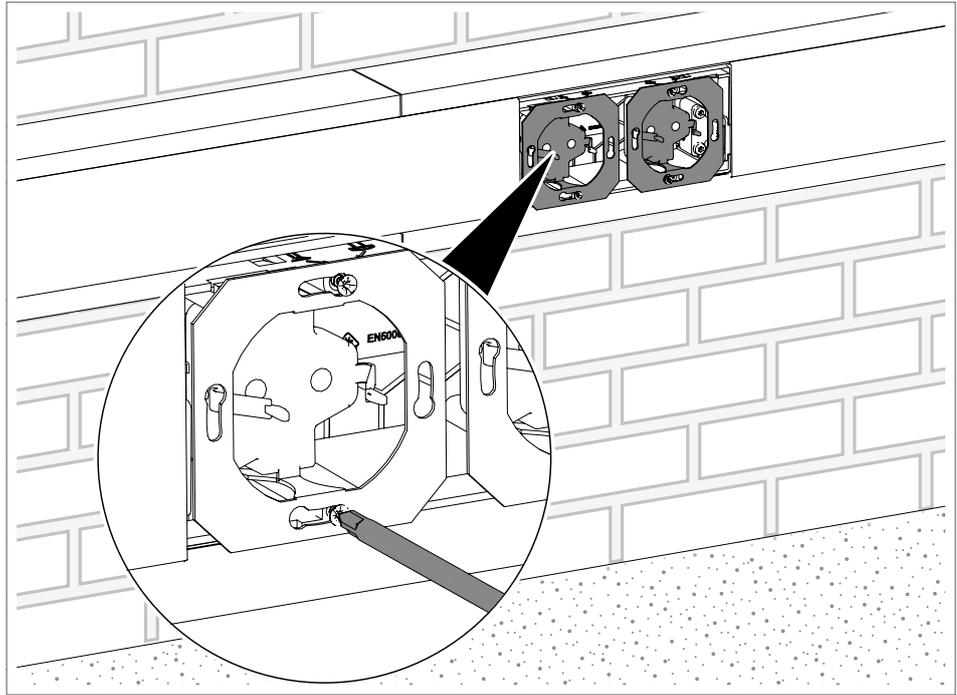
**Abb. 22:** Mounting the CEE socket

8. Screw the CEE socket onto the CEE intermediate flange 21 or the CEE panel 22 using the fastening screws.

### 5.3.3 Using the double device installation socket with support ring devices

**Note!** *You can find a detailed description of action steps 1–3 in Chapter 5.3.2 "Mounting the double device installation socket".*

1. Mount the double device installation socket 20.
2. Insert the cables and relieve the strain.

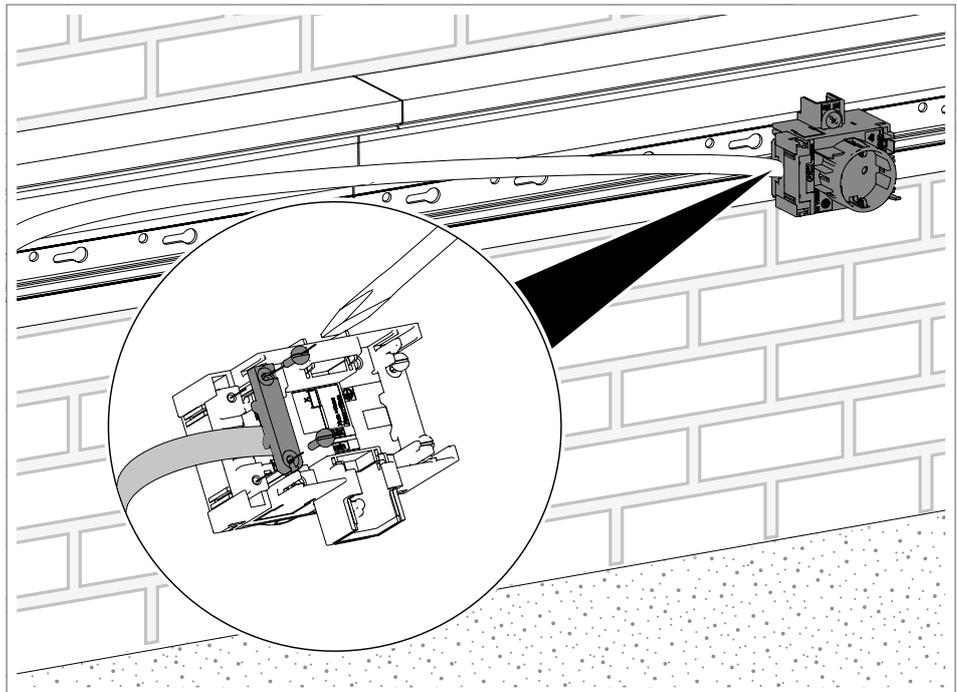


**Abb. 23:** Mounting the support ring devices

3. Screw the support ring devices tight using the fastening screws.
4. Push the covers 4 up to the limit stop of the support ring.

### 5.3.4 Mounting the Signa In trunking socket

**Note!** *Mounting is identical for the single, double and triple trunking socket.*



**Abb. 24:** Inserting the cable

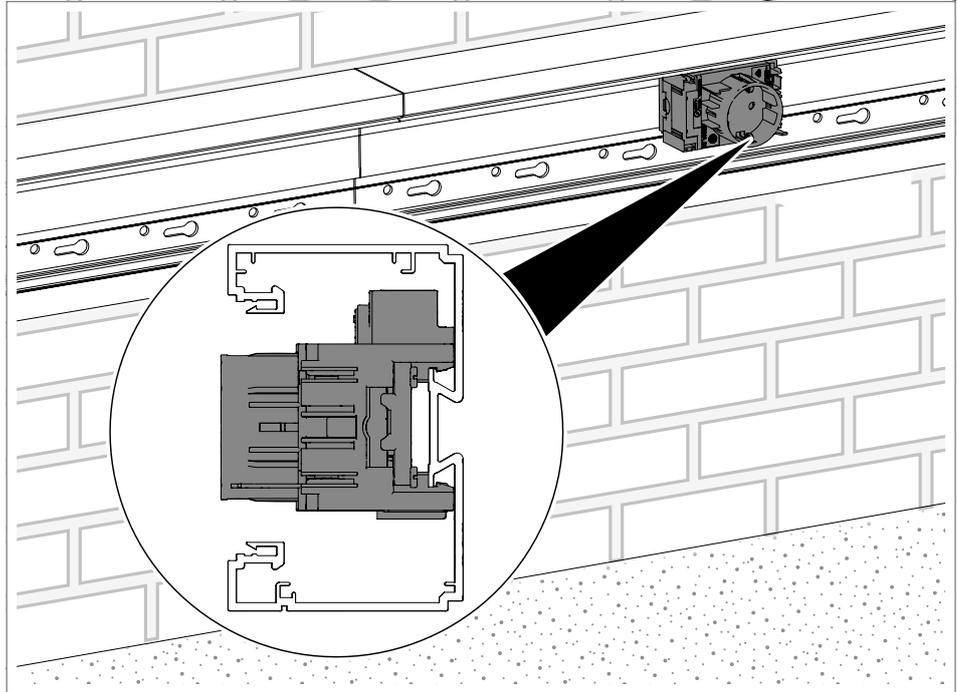
1. Strip the cable.



### **Danger to life through electric shock!!**

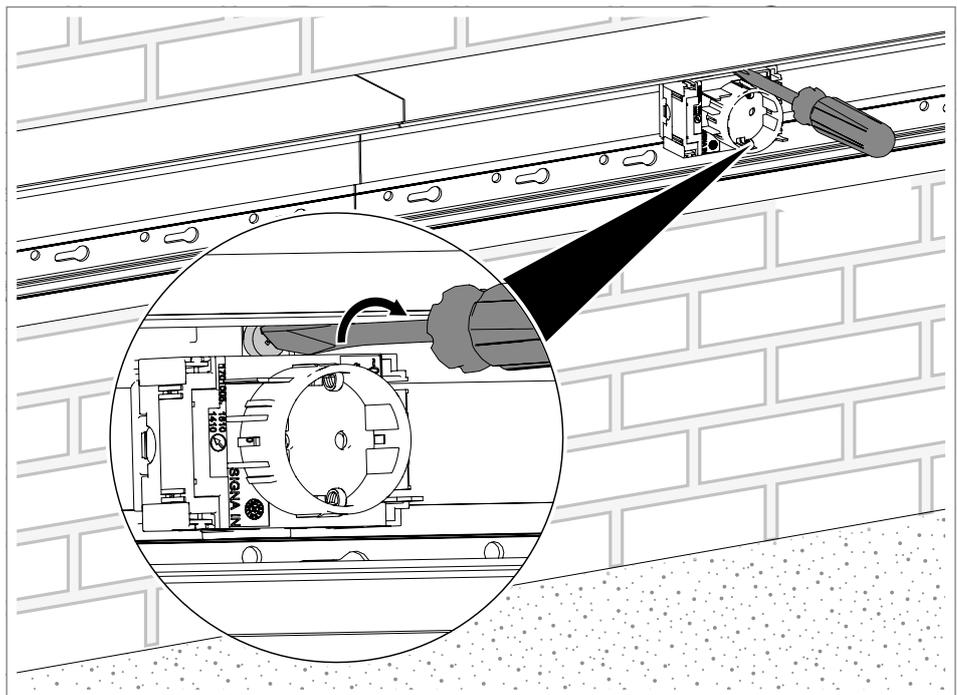
Energised components! Electrical installation work may only be carried out by an electrical engineer.

2. Insert the cables in the Signa In trunking socket 14 and relieve using the strain relief.



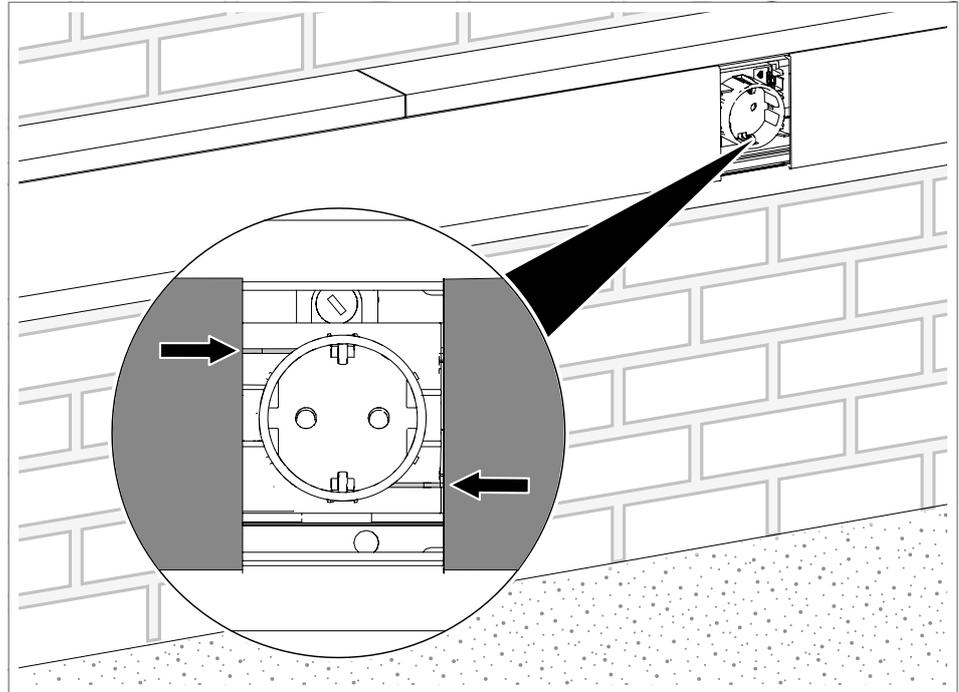
**Abb. 25:** Engaging the Signa In trunking socket

3. Snap the connected Signa In trunking socket 14 onto the hat rail on the trunking base. In so doing, ensure that no conductor is trapped between the trunking socket unit and the trunking.



**Abb. 26:** Screwing on the Signa In trunking socket

4. Push the Signa In trunking socket 14 against the hat rail and, using a slotted screwdriver, turn the eccentric bolt in a clockwise direction towards the "CLOSED" symbol.
5. Check that the Signa In trunking socket 14 has a firm, secure seat (it must not be possible to release the connected trunking socket unit from the trunking base by hand).

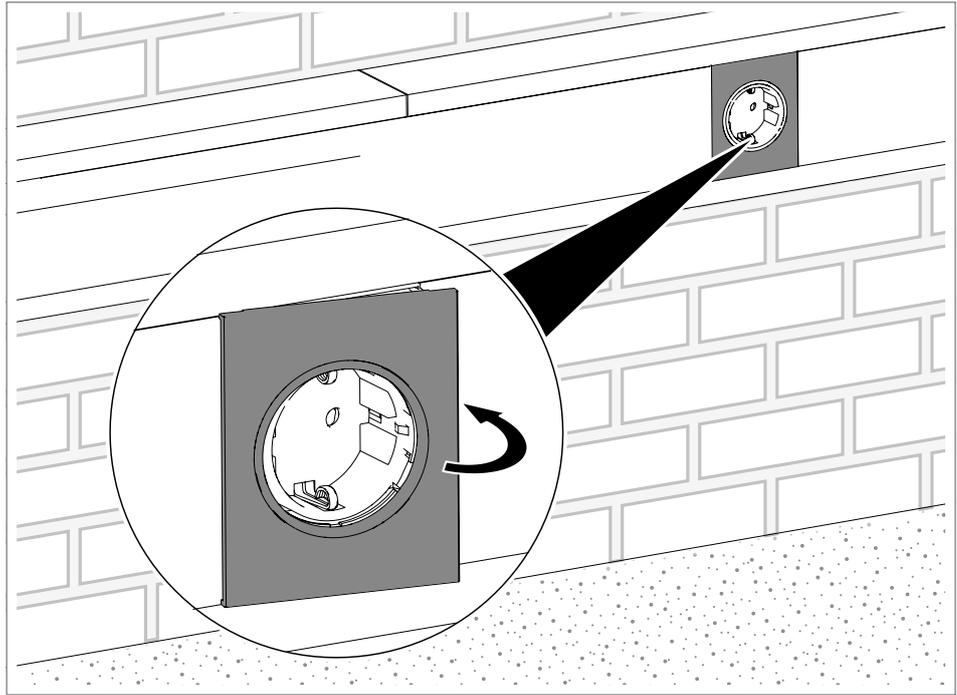


**Abb. 27:** Mounting the cover

6. Place the covers 4 flush on the left and right of stop brackets.

**Note!**

*It is only possible to mount the covers without a labelling panel in this way.*

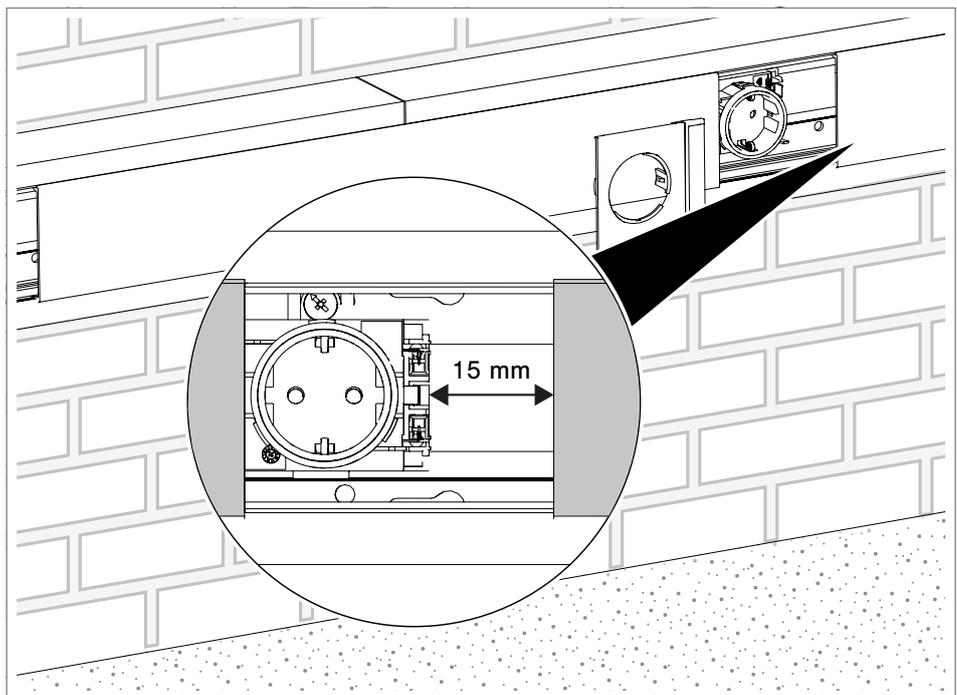


**Abb. 28:** Engaging the cover frame

7. Engage the cover frame on the side of the Signa In trunking socket <sup>14</sup>.

### 5.3.5 Mounting the labelling panel

1. Mount the prewired Signa In trunking socket <sup>14</sup> as described in the chapter "Mounting the Signa In trunking socket".
2. Open the labelling panel with a slotted screwdriver, write on the label and close the cover again.

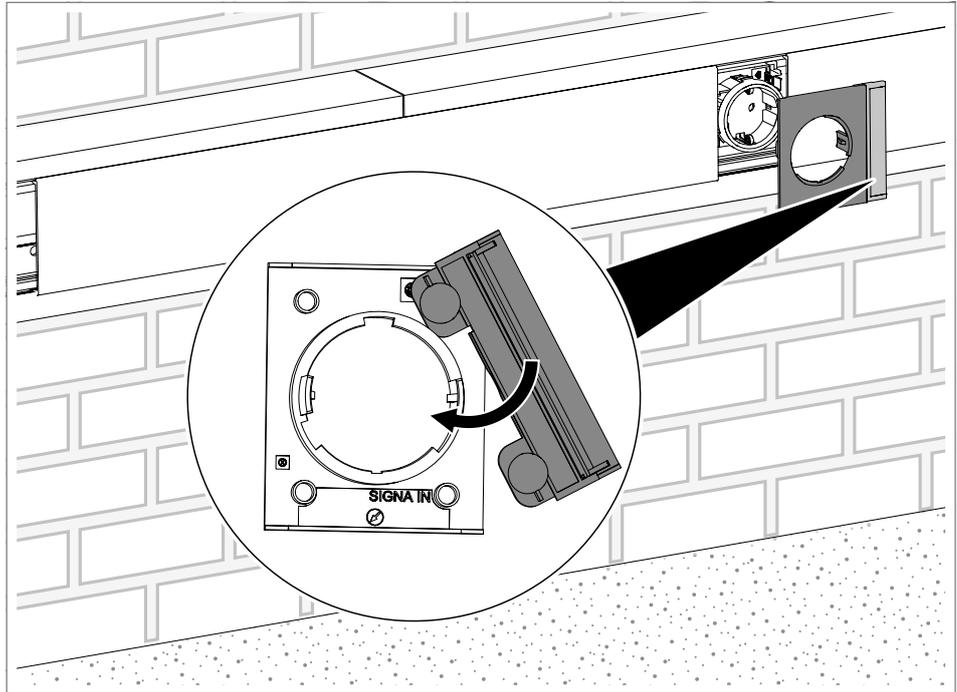


**Abb. 29:** Mounting the cover

3. Push away or shorten the cover <sup>4</sup> on the side of the labelling panel

17 um from the stop bracket by approx. 15 mm.

4. Snap the device frame with the labelling panel 17 onto the side of the trunking socket unit.



**Abb. 30:** Mounting the labelling panel

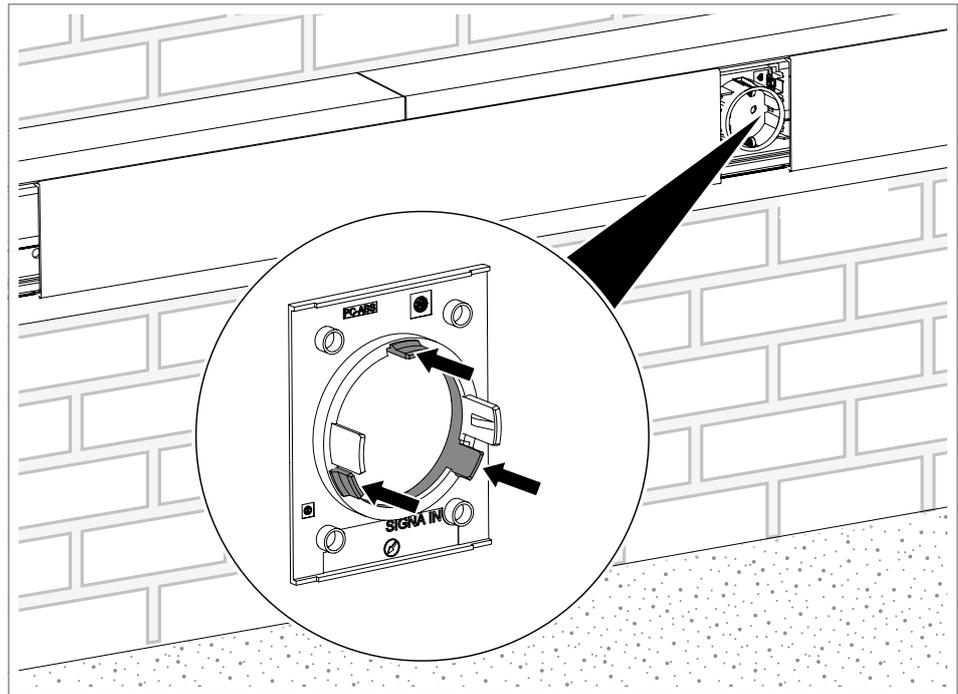
**Note!** *It doesn't matter on which side of the device frame the labelling panel is attached.*

5. Attach the labelling panel 17 on the rear side of the device frame.

### 5.3.6 Exchanging the colour rings

The colour rings are suitable for labelling special circuits. The colour ring is available in the colours fire red, yellow-green, pure orange and translucent.

1. Turn the device frame onto its rear side.



**Abb. 31:** Exchanging the colour ring

2. Push the three locking elements of the colour ring 19 lightly towards the centre, thus pushing the colour ring forward.

### 5.3.7 Expanding the Signa In trunking socket into a multiple socket



**WARNING**

#### **Danger to life through electric shock!!**

When expanding the Signa In trunking socket, always:

- Deenergise the system before starting work.
- Comply with the valid safety regulations and accident prevention regulations.



**WARNING**

#### **Danger to life through electric shock!!**

When expanding a Signa In trunking socket which is already connected to a cable carrying power, never engage an additional Signa In trunking socket directly using the plug connection, which is itself connected to a separate power circuit.

If an already mounted Signa In trunking socket is to be expanded into a multiple socket, the following action steps must first be executed:

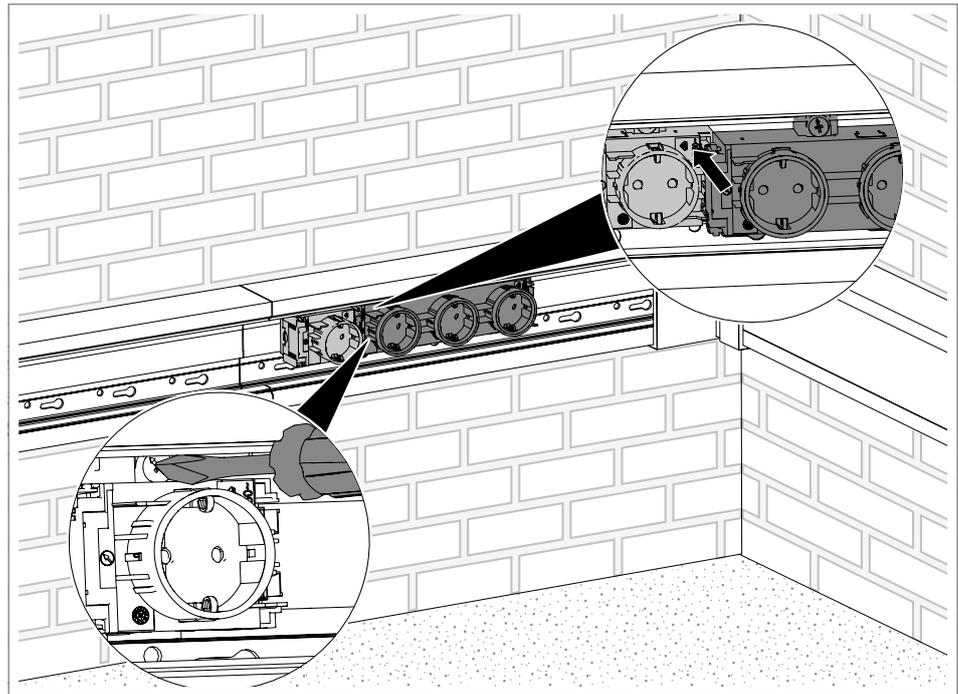
- Release the cover frame with a slotted screwdriver.
- Remove the cover.



**WARNING**

#### **Danger to life through electric shock!!**

The cover must be removed when connecting the Signa In trunking socket. When the Signa In trunking socket is disconnected, the cover must be placed on the electrical contacts again.



**Abb. 32:** Attaching an additional trunking socket



### **Danger to life through electric shock!!**

Connect a maximum of 3 Signa In trunking sockets.

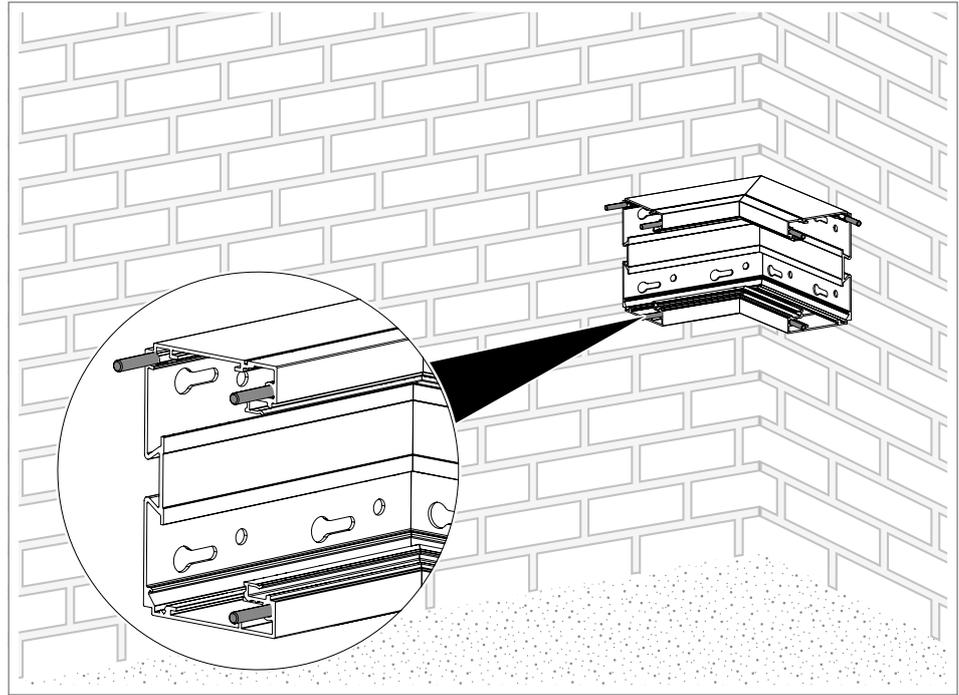
Exception: If only single Signa In trunking sockets are used, then a maximum of 4 trunking sockets may be connected.

1. Attach the additional Signa In trunking socket **14** (single, double or triple trunking socket) to the already mounted trunking socket.
2. Push the additionally docked Signa In trunking socket **14** against the hat rail. Then, with a slotted screwdriver, turn the eccentric bolt in a clockwise direction towards the "CLOSED" symbol.
3. Check for a stable, secure seat.

## **5.4 Mounting fittings**

**Note!** *If a fitting is used, then mounting must commence in the corner area.*

**Note!** *Mounting takes place in the same order in the internal and external corners.*



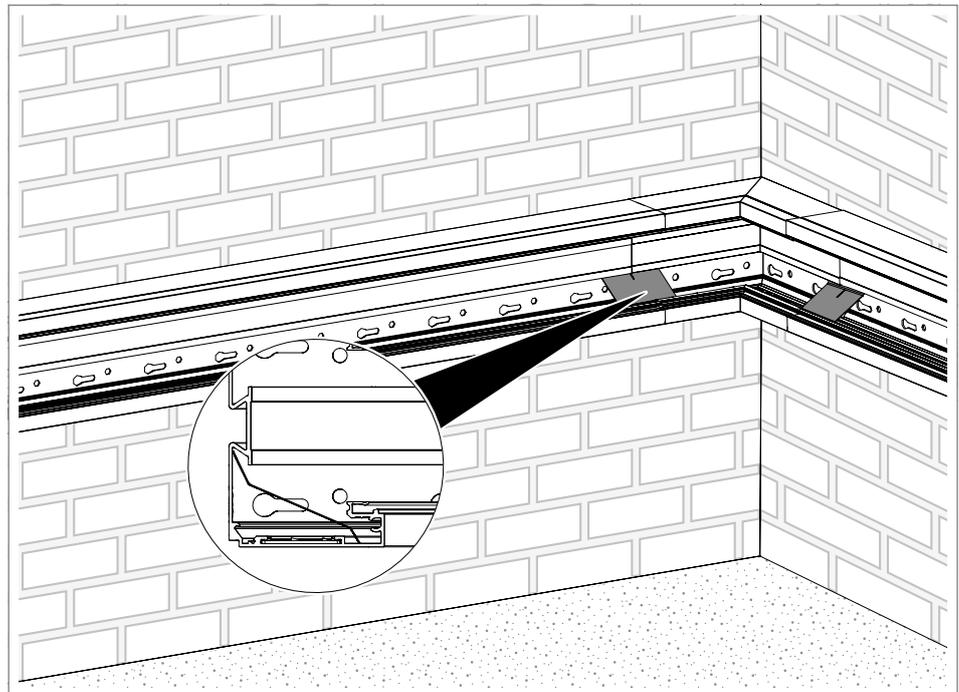
**Abb. 33:** Mounting the internal corner/external corner

1. In so doing, knock the coupling pins 9 in until the ridged raised section has disappeared completely into internal corner/external corner 23/7.

**Note!**

*When fitting the trunking or fittings, do not insert any coupling pins.*

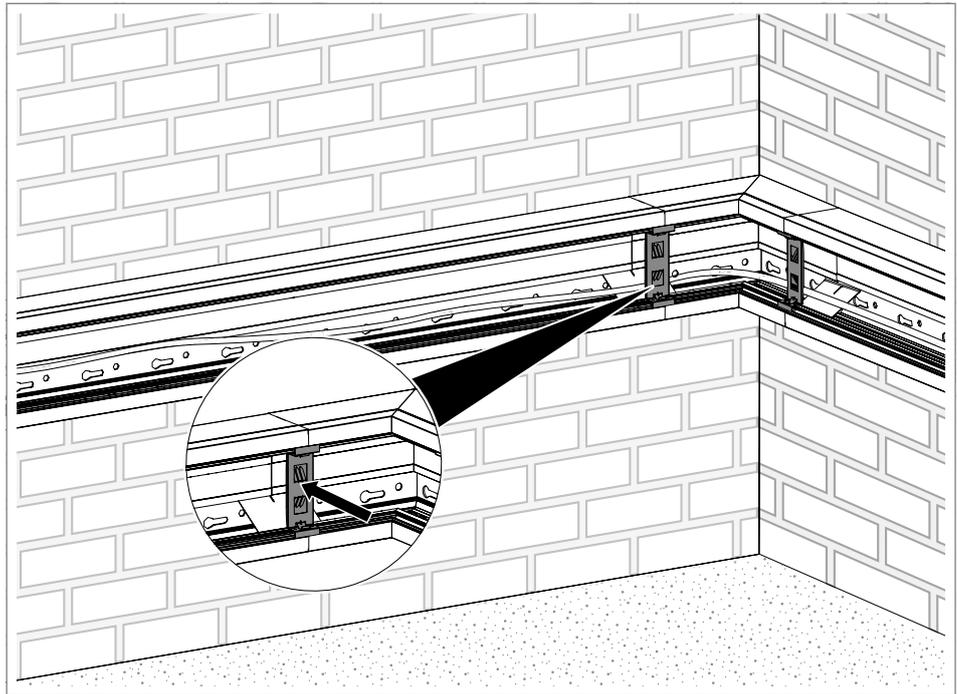
2. Fasten the internal corner/external corner 23/7 in the slots on the wall using suitable fastening material (e.g. screw and anchor).



**Abb. 34:** Mounting the internal corner/external corner – earthing coupling

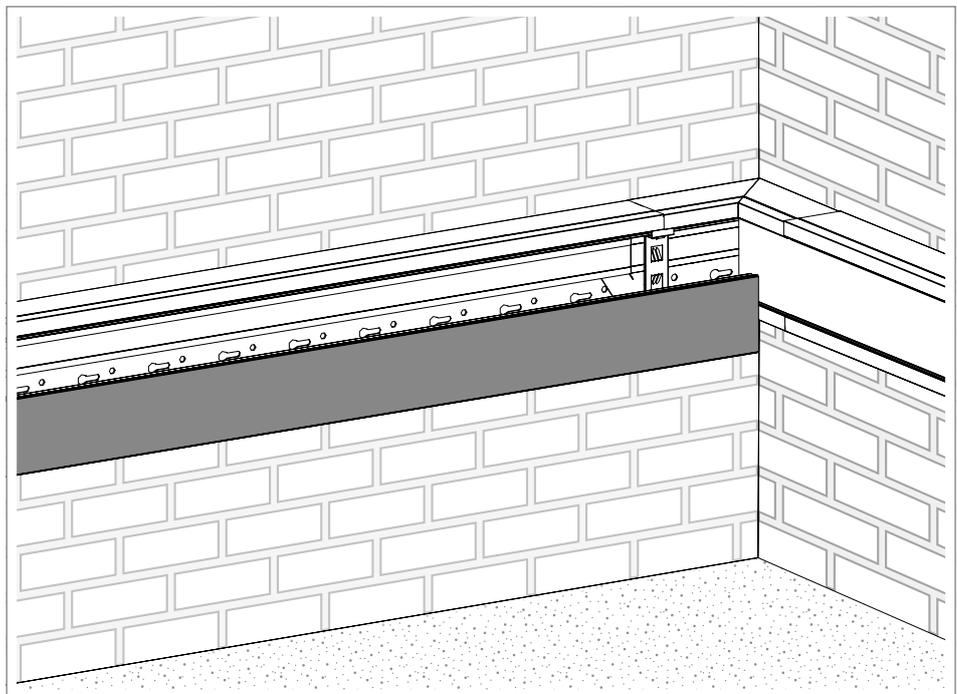
3. In the transition area between the internal corner/external corner 23/7 and the Signa Style device installation trunking, 6 mount two

earthing couplings 16 (at the top and bottom of the trunking) to create a conductive connection.



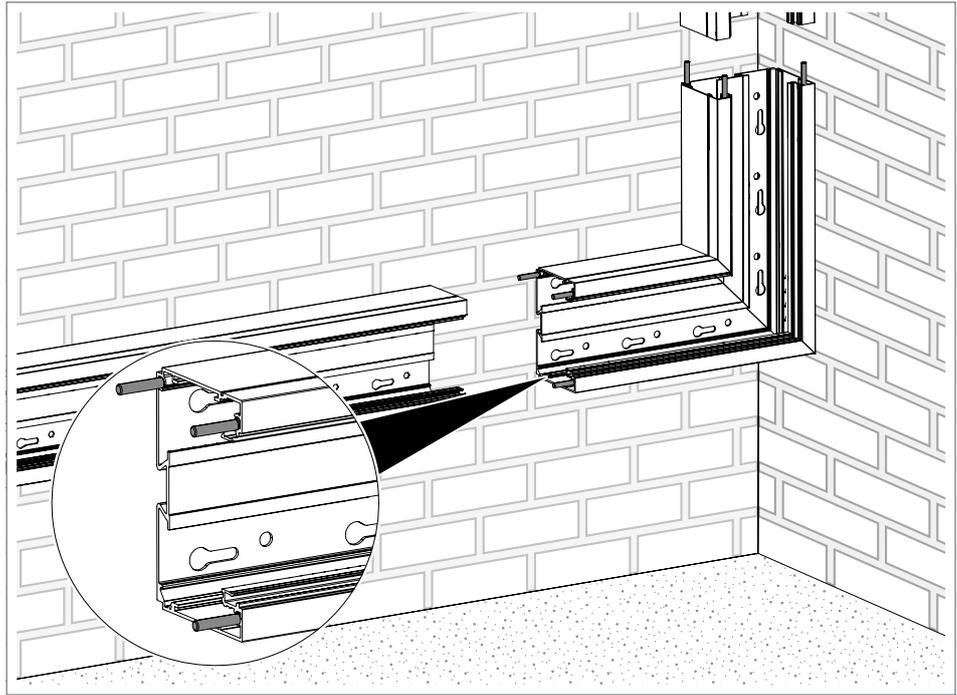
**Abb. 35:** Mounting the internal corner/external corner – earthing clamp

4. Insert cables in the Signa Style device installation trunking 6.
5. Mount an earthing clamp 13 in each of the two fitting hips. This creates a conductive connection between the base and cover.



**Abb. 36:** Mounting the cover

6. Close the Signa Style device installation trunking 6 and internal corner/external corner 23/7 with a cover 4.

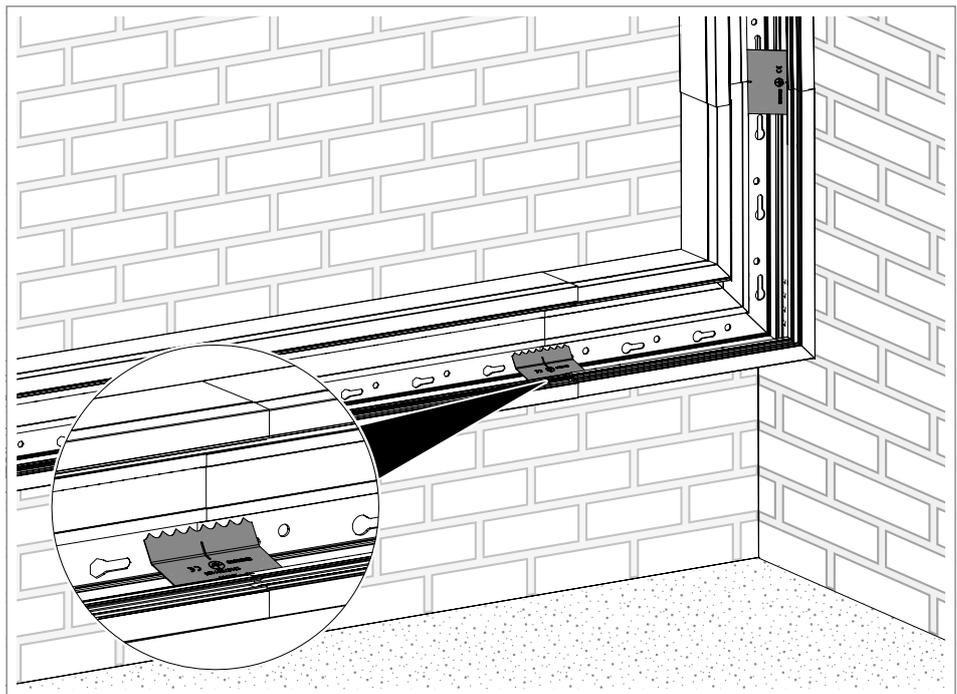


**Abb. 37:** Mounting a flat angle

**Note!**

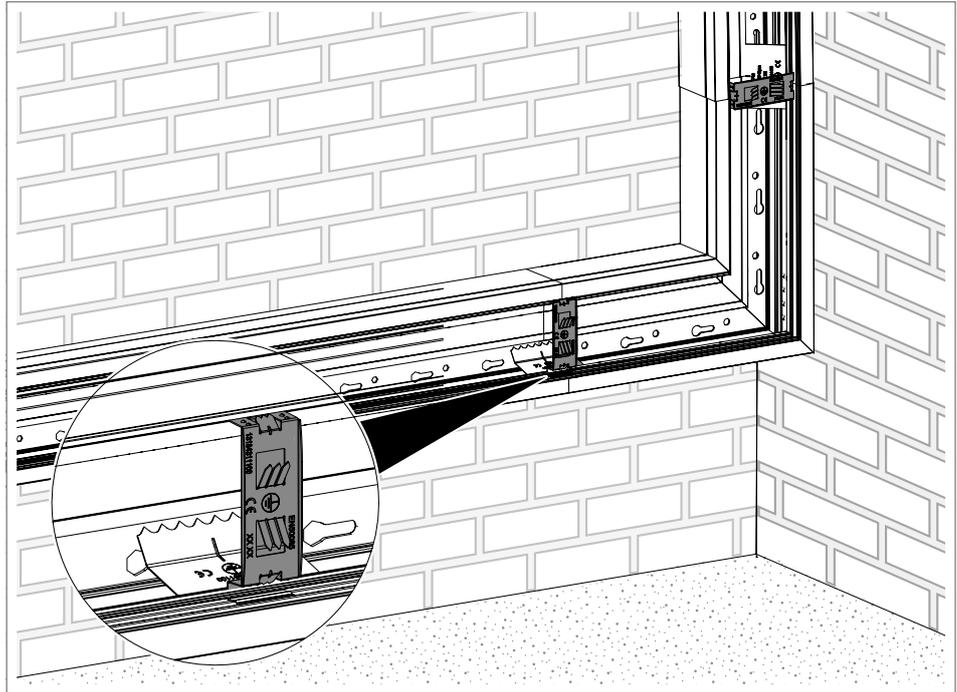
*When mounting the flat angle, the position of the dynamic line on the inside or outside must be observed!*

7. Align the flat angle ① / ② using three coupling pins ⑨. In so doing, knock the coupling pins ⑨ in until the ridged raised section has disappeared completely into the flat angle ① / ②.
8. Fasten the flat angle ① / ② in the slots on the wall using suitable fastening material (e.g. screw and anchor).



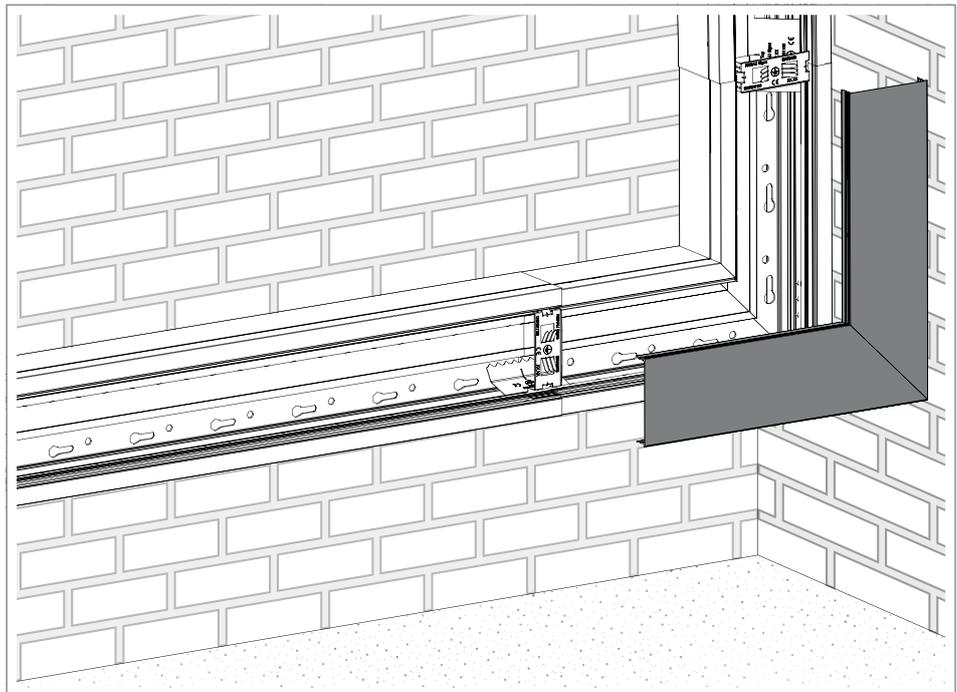
**Abb. 38:** Mounting the flat angle – earthing coupling

- In the transition area between the flat angle 1/2 and the Signa Style device installation trunking, 6 mount two earthing couplings 16 (at the top and bottom) to create a conductive connection.



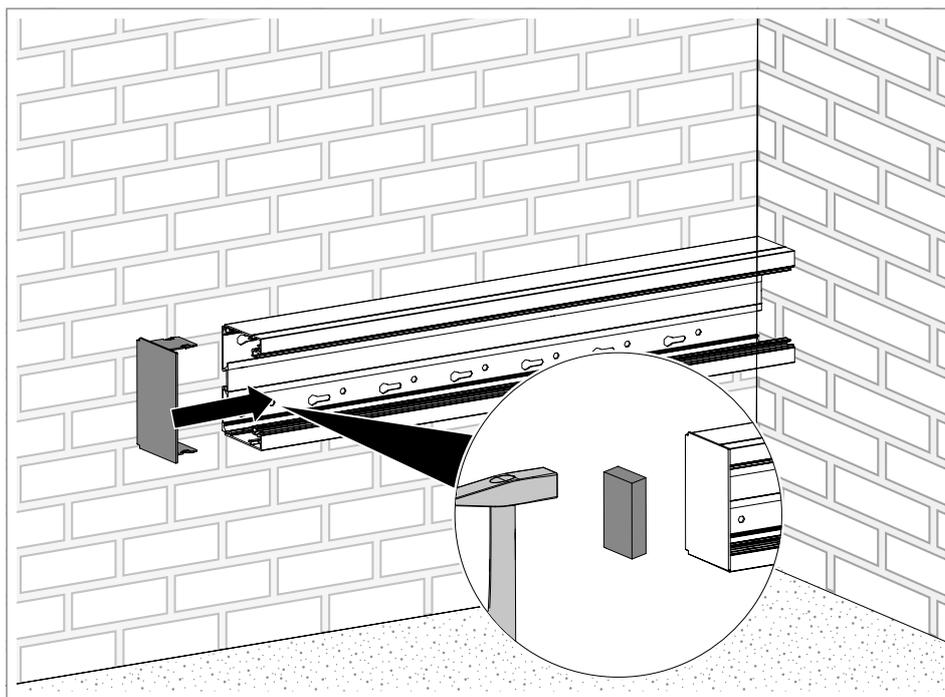
**Abb. 39:** Mounting the flat angle – earthing clamp

- Insert cables in the Signa Style device installation trunking 6.
- Mount an earthing clamp 13 in each of the two fitting hips. This creates a conductive connection between the base and cover.



**Abb. 40:** Mounting the cover

- Close the Signa Style device installation trunking 6 and flat angle 1/2 using the cover for flat angles 3.



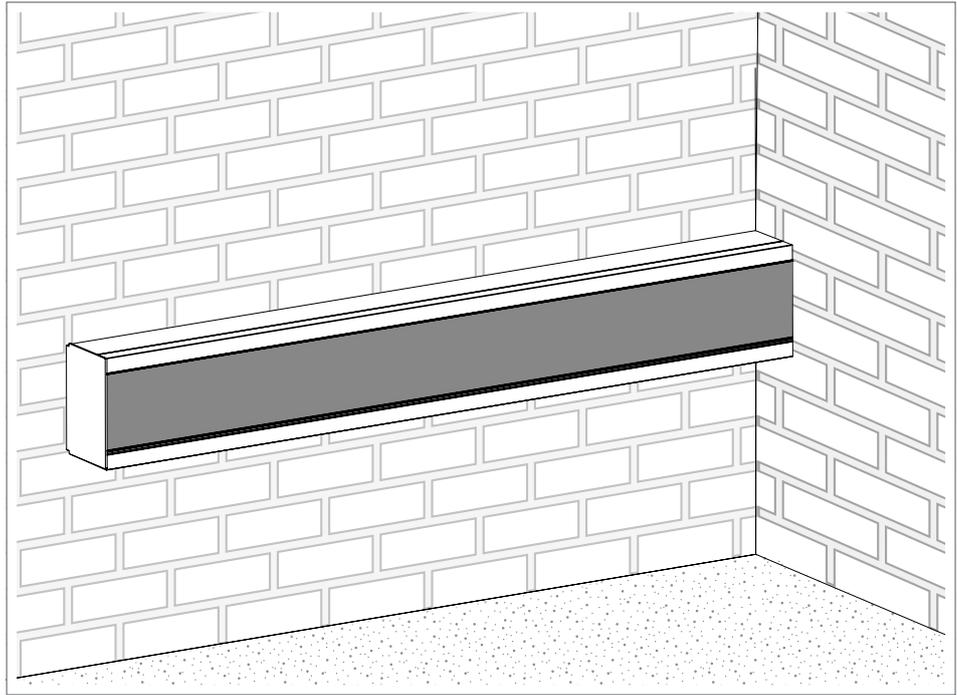
**Abb. 41:** Mounting the end piece

### CAUTION

#### **Risk of damage!**

Protect the end piece against deformation and damage. Protect the end piece with a buffer.

13. Push the end piece 24 completely into the two guide grooves on the inner side of the two side walls. This creates the electrical connection between the Signa Style device installation trunking 6 and the end piece 24.
14. Mount the end piece 24, knocking its left and right side alternately from the side.



**Abb. 42:** Mounting the cover

- Engage the cover **4** in the cover contour of the Signa Style device installation trunking **6**.

### 5.5 Creating equipotential bonding



#### **Risk of electric shock from missing equipotential bonding!**

When routing metallic trunking, observe the valid VDE regulations VDE 0100/VDE 0604 and the regulations of the responsible EGC. Create equipotential bonding according to the standard.

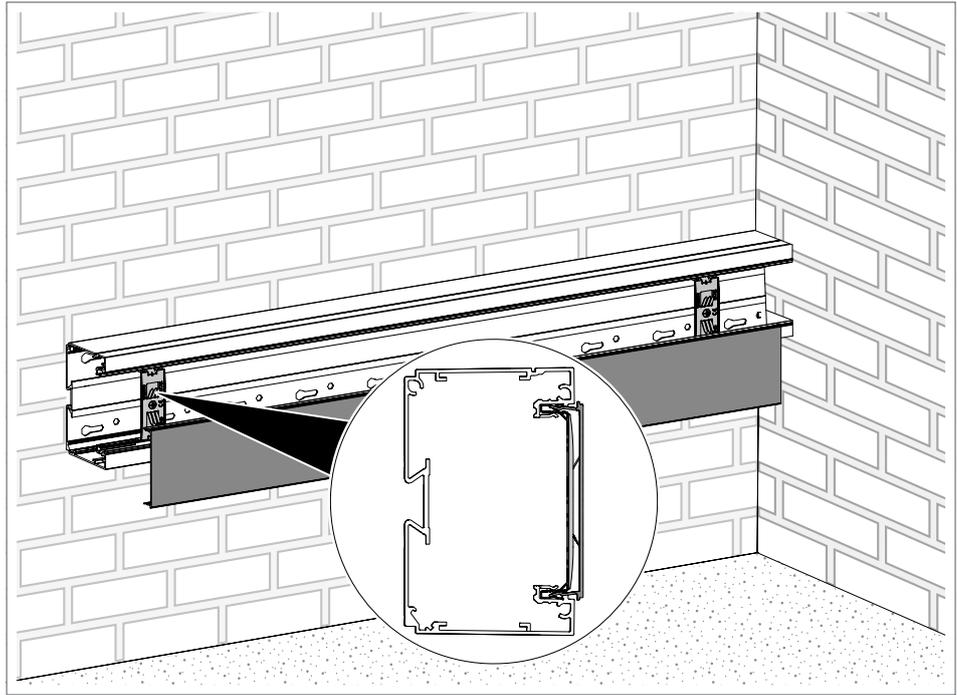
The correct design of the equipotential bonding is to be checked and released before commissioning according to the regulations and directives applicable in the country.

#### 5.5.1 Mounting the earthing clamp

The earthing clamp conductively connects the base and cover of the Signa Style device installation trunking and the corresponding fittings. Each cover section mounted in the trunking system must be connected with an earthing clamp. This also applies to the fittings (external and internal corners, flat angles).

#### **Note!**

*The claws of the earthing clamp penetrate the coating to create the electrical connection of the trunking bases and covers.*



**Abb. 43:** Mounting the earthing clamp

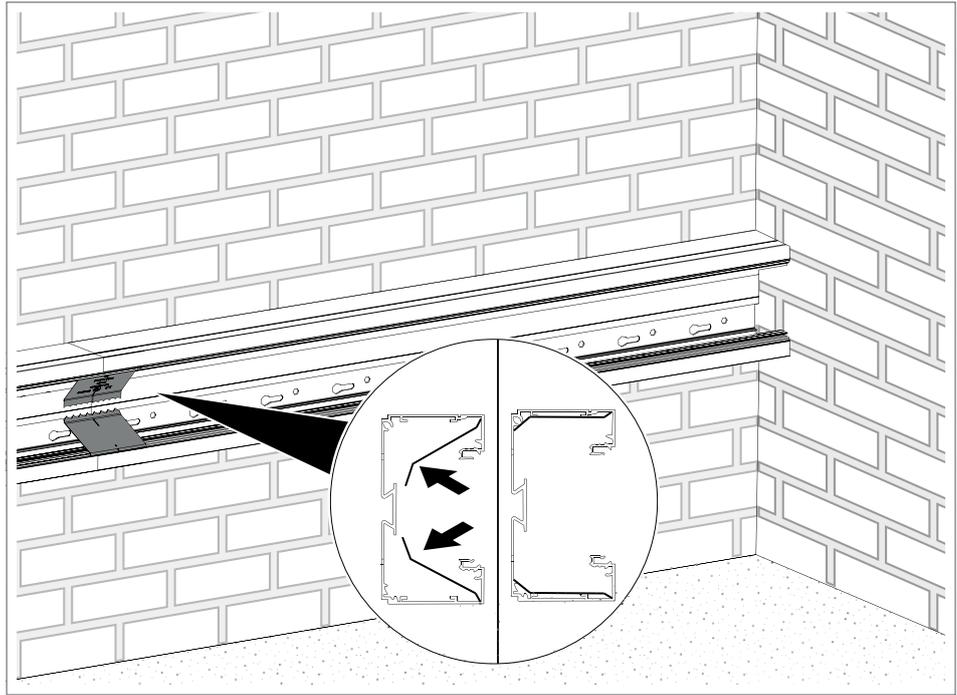
1. Engage the earthing clamp 13 in the Signa Style device installation trunking 6.
2. Mount the cover 4 over the earthing clamp.

### 5.5.2 Mounting the earthing coupling

Each base of the Signa Style device installation trunking that is mounted is electrically connected to the adjacent base using an earthing coupling at the trunking ends. This also applies to the fittings (external and internal corners, flat angles).

**Note!** *The claws of the earthing coupling penetrate the coating to create the electrical connection of the trunking covers.*

**Note!** *The earthing bridge can also be used as an alternative to the earthing coupling.*

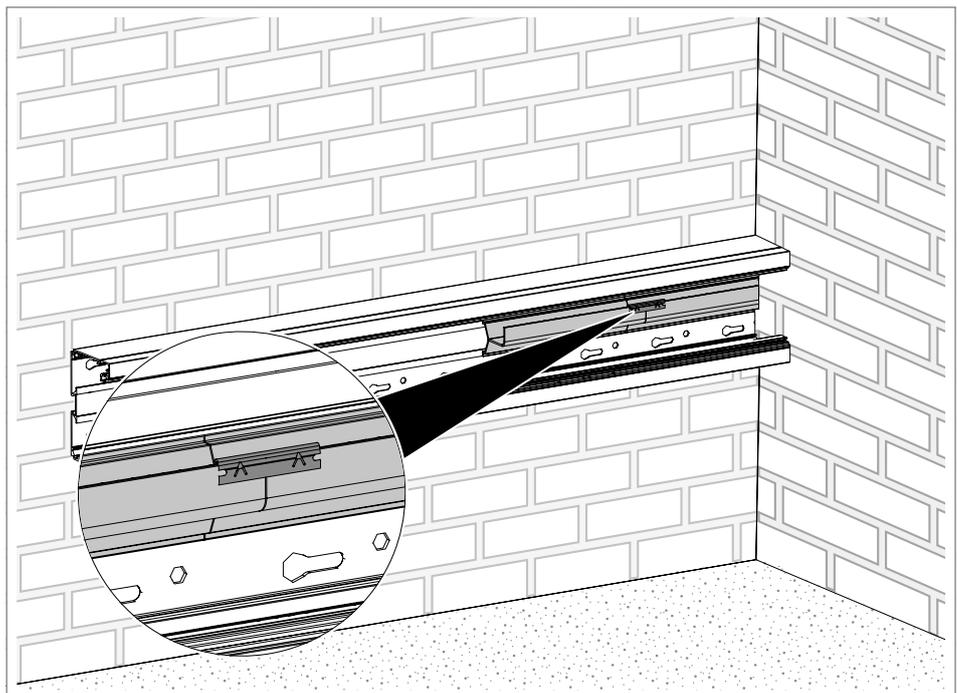


**Abb. 44:** Mounting the earthing coupling

3. Insert two earthing couplings 16 (top and bottom) centrally to the trunking joint of the device installation trunking 6 with the side labelled "TOP" in the central trunking corner..
4. In the base area, push the earthing coupling 16 as far as it will go against the side wall.

### 5.5.3 Mounting the earthing clip

The connection at the joint between two partitions is created using an earthing clip.



**Abb. 45:** Mounting the earthing clip

- Engage the earthing clip 10 centrally above the joint of the two partitions 5.

### 5.5.4 Mounting the earthing terminal for flat connectors

If a jump must be bridged to connect two partitions, for example due to a device installation socket, then the electrical connection is created using earthing terminals and earthing wires.

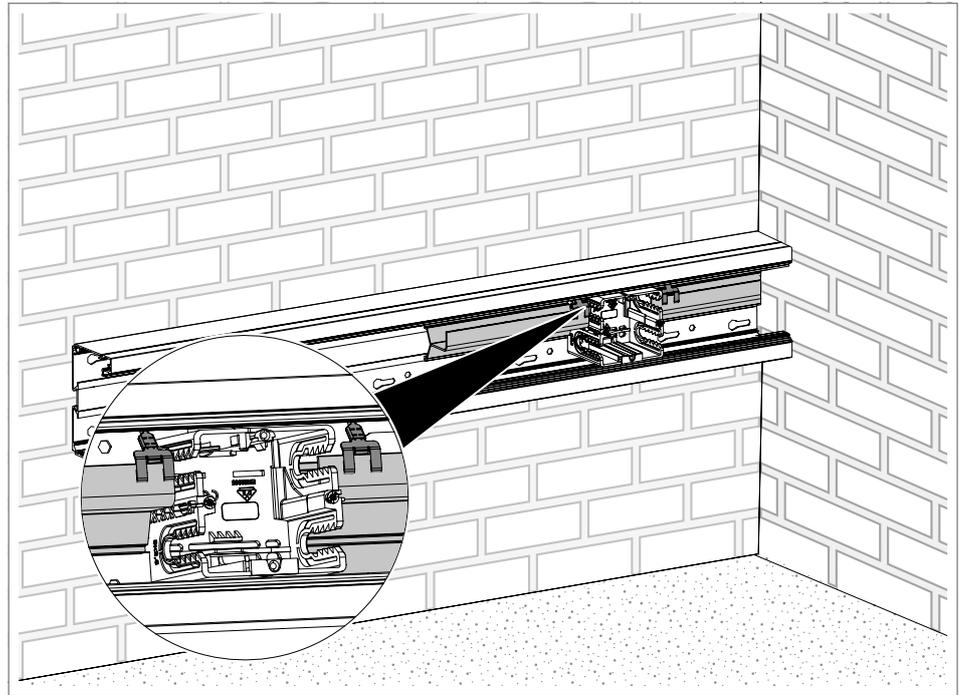
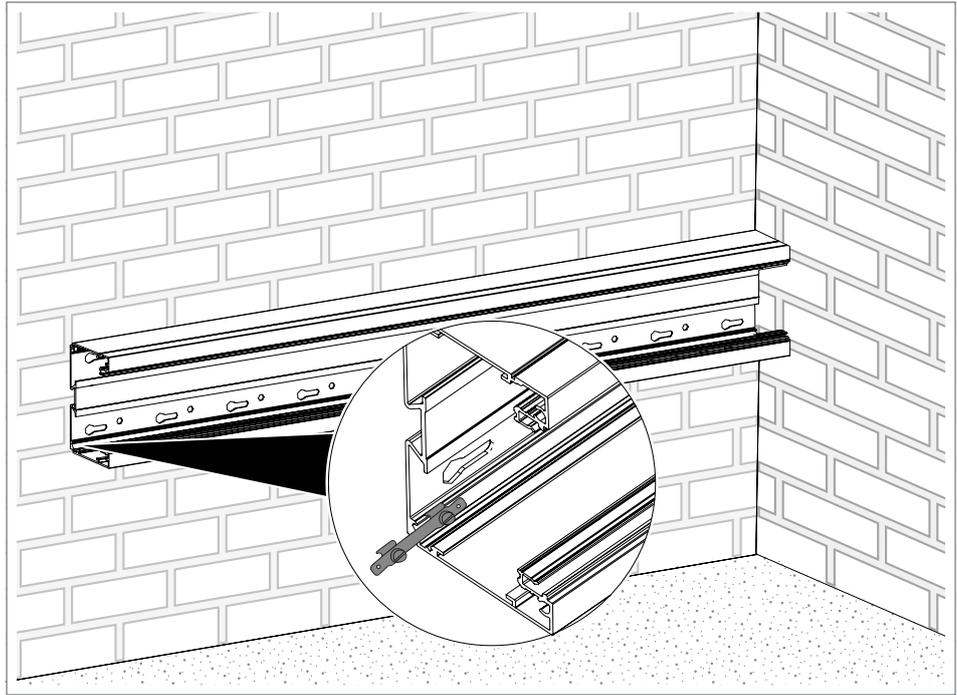


Abb. 46: Mounting the earthing terminal

- Clip two earthing terminals 12 at the end of the partition 5 directly adjacent to the device installation socket 18.
- Connect the earthing terminals 12 with the earthing wire 15.

### 5.5.5 Mounting the earthing bridge

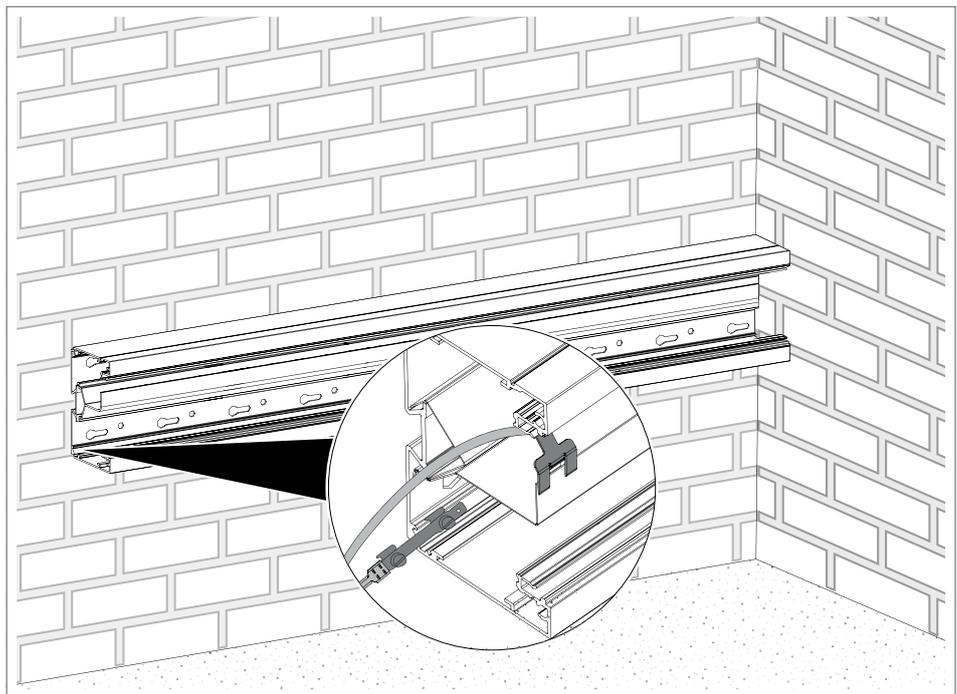
If earthing points with a connection lug are required in the trunking system, an earthing bridge is to be permanently screwed into the groove provided in the base. Here, the screw ends of the earthing bridge penetrate the coating of the base, creating an electrical connection.



**Abb. 47:** Mounting the earthing bridge

8. Screw the earthing bridge **11** tightly into the groove provided in the base of the Signa Style device installation trunking **6**.

### 5.5.6 Integrating the partition into the equipotential bonding



**Abb. 48:** Earthing the partition

1. Screw the earthing bridge **11** in the pre-marked groove in the base of the Signa Style device installation trunking **6**.
2. Click the earthing terminal **12** in at the end of the partition **5**.
3. Connect the earthing terminal **12** and the earthing bridge **11** with the earthing wire **15**.

## 6 Technical data

### 6.1 Signa Style device installation trunking

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA 70110 EL	6133260	70 x 110 x 2,000 mm	Aluminium	Anodised
BRA 70130 EL	6133261	70 x 130 x 2,000 mm	Aluminium	Anodised
BRA 70170 EL	6133262	70 x 170 x 2,000 mm	Aluminium	Anodised

**Tab. 2:** Technical data: Signa Style device installation trunking

### 6.2 Fittings, Signa Style device installation trunking

#### 6.2.1 External corner

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA AE70110 EL	6133271	70 x 110 x 155 mm	Aluminium	Anodised
BRA AE70130 EL	6133272	70 x 130 x 155 mm	Aluminium	Anodised
BRA AE70170 EL	6133273	70 x 170 x 155 mm	Aluminium	Anodised

**Tab. 3:** Technical data: Signa Style device installation trunking external corner

#### 6.2.2 Internal corner

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA IE70110 EL	6133276	70 x 110 x 155 mm	Aluminium	Anodised
BRA IE70130 EL	6133277	70 x 130 x 155 mm	Aluminium	Anodised
BRA IE70170 EL	6133278	70 x 170 x 155 mm	Aluminium	Anodised

**Tab. 4:** Technical data: Signa Style device installation trunking internal corner

#### 6.2.3 Flat angle

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA FWF70110 EL	6133286	70 x 110 x 270 mm	Aluminium	Anodised
BRA FWS70110 EL	6133281	70 x 110 x 270 mm	Aluminium	Anodised
BRA FWF70130 EL	6133287	70 x 130 x 270 mm	Aluminium	Anodised
BRA FWS70130 EL	6133282	70 x 130 x 270 mm	Aluminium	Anodised
BRA FWF70170 EL	6133288	70 x 170 x 270 mm	Aluminium	Anodised
BRA FWS70170 EL	6133283	70 x 170 x 270 mm	Aluminium	Anodised

**Tab. 5:** Technical data: Signa Style device installation trunking flat angle

## 6.2.4 End piece

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA ES70110 EL	6133291	70 x 110 x 37 mm	Aluminium	Anodised
BRA ES70130 EL	6133292	70 x 130 x 37 mm	Aluminium	Anodised
BRA ES70170 EL	6133293	70 x 170 x 37 mm	Aluminium	Anodised

**Tab. 6:** Technical data: Signa Style device installation trunking end piece

## 6.3 Accessories, Signa Style device installation trunking

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA TW steel	6133178	38 x 44 x 1,000 mm	Steel	Strip galvanised
BRA KS	6133621	5 x 50 mm	Steel	Strip galvanised

**Tab. 7:** Technical data: Accessories

### 6.3.1 Cover

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA OT 80 EL	6133267	14 x 80 x 2,000 mm	Aluminium	Anodised
BRA OT 80 AE EL	6133266	14 x 80 x 200 mm	Aluminium	Anodised
BRA OT 80 FW EL	6133268	14 x 80 x 280 mm	Aluminium	Anodised

**Tab. 8:** Technical data: Covers for Signa Style device installation trunking

### 6.3.2 Components for equipotential bonding

Type	Item no.	Dimensions (H x W x L)	Material	Surface
BRA ERD KL	6133407	85 x 26 x 18 mm	Steel	Strip galvanised
BRA ERD KUP	6133408	64 x 68 mm	Steel	Strip galvanised
BRA EB	6133616	50 x 10 x 10 mm	Steel	Strip galvanised
BRA ERD VB TW	6133562	40 x 6 x 4 mm	Steel	Strip galvanised
BRA ERD KL TW	6133615	77 x 96 x 40 mm	Steel	Strip galvanised
BRA ERDL FL	6133564	250 mm		

**Tab. 9:** Technical data: Components for equipotential bonding

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