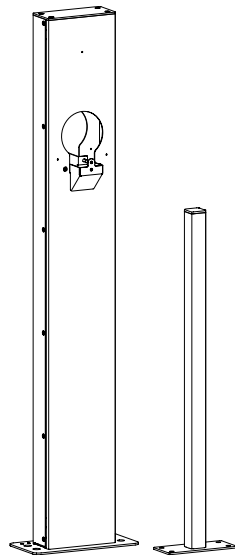


# Charging station accessory witty one



Mounting pedestal for a charging station

Mounting pedestal for two charging stations

Extension for mounting pedestal

**XVA130**

**XVA135**

**XVA137**

CE








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# 1 About these instructions


## About these instructions

This manual describes the correct and safe mounting and commissioning of the stand for attaching charging stations. These instructions are an integral part of the device. Keep these instructions throughout the service life of the device and pass them on if necessary.



### Indication icons

	Contents of the package		Product dimensions		Tools required
	Installation by an electrician		For more information, refer to the installation and commissioning instructions		Protective earth (IEC 60417-5019)
	Applicable throughout Europe and Switzerland				


### Degrees of danger

Symbol	Signal word	Consequences in case of non-compliance
	Danger	Causes serious injury or death.
	Warning	May cause serious injuries or death.
	Caution	May cause minor injuries.
	Attention	May cause damage to the device.
	Comment	May cause damage.

### Information

Symbol	Signal word	Definition
	Comment	Indicates important instructions for use.
	Information	Indicates useful information about the product.

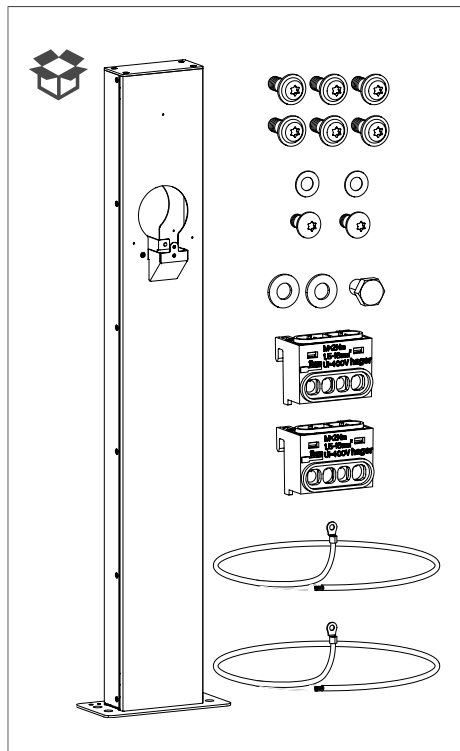
### Target group



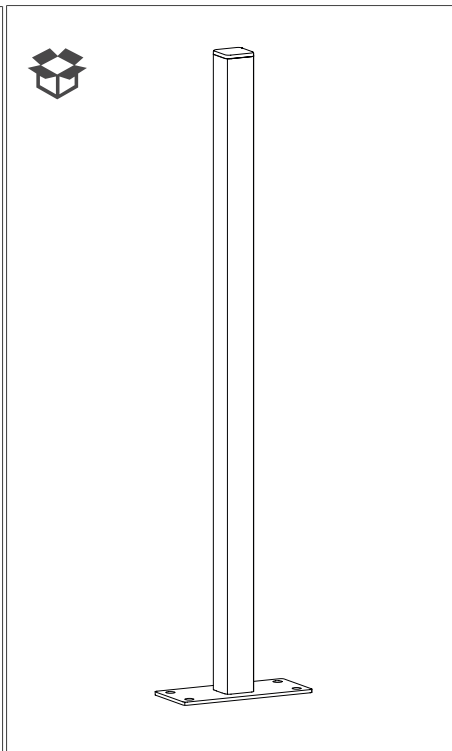
The assembly, installation and configuration of electronic devices must only be carried out by a specialist trained in the electrotechnical field and certified in compliance with the local installation standards in force. Accident prevention recommendations applicable in the country must be complied with.

## 2 Description, dimensions, tools required

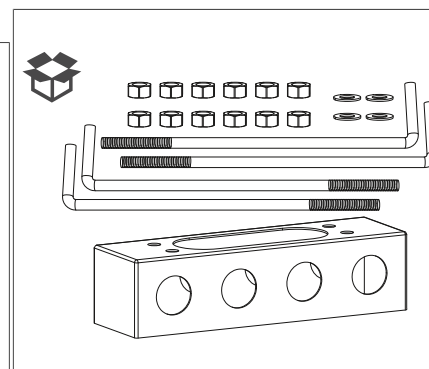
XVA130 / XVA135



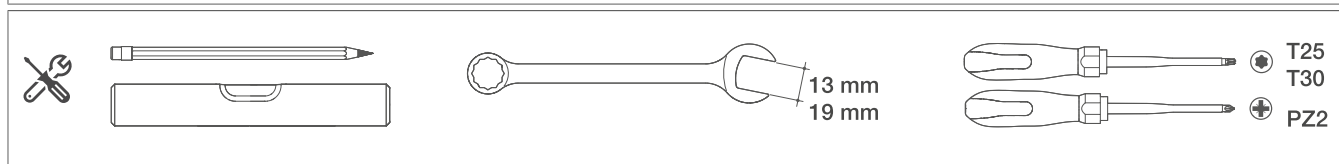
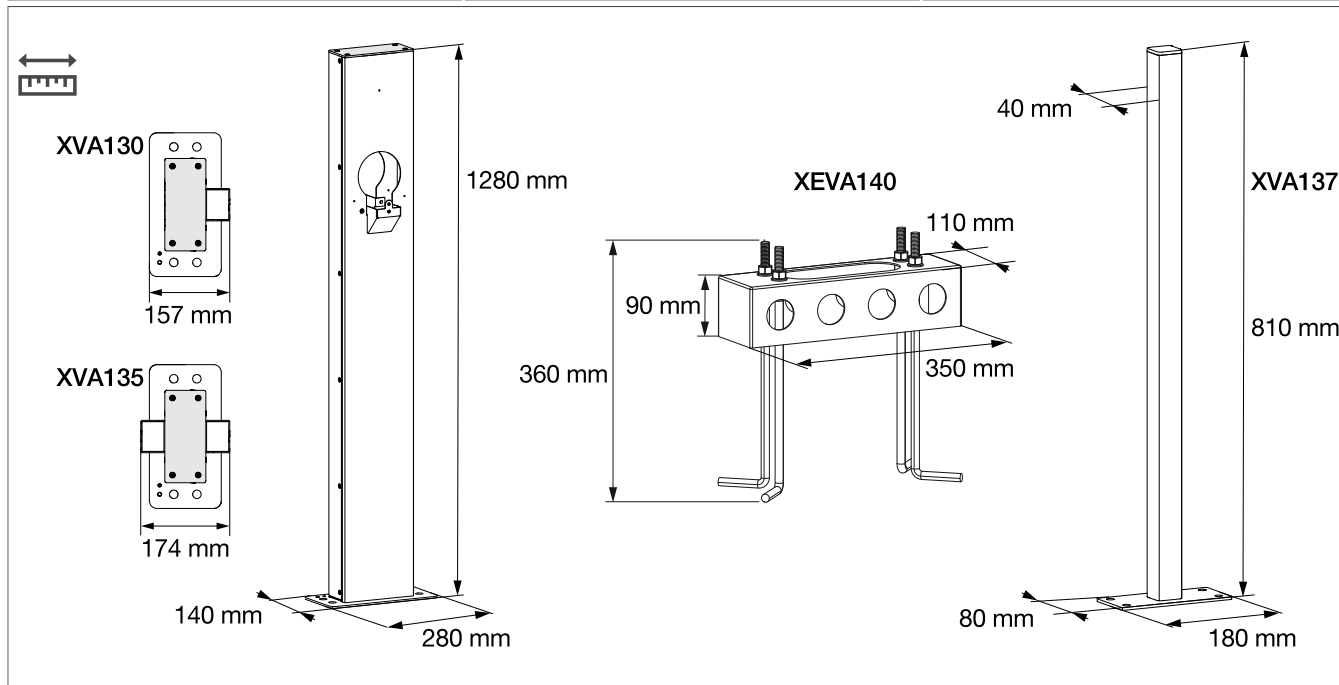
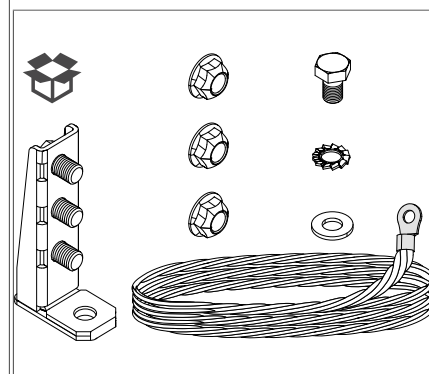
XVA137



XEVA140



XEVA116



### 3 Installation

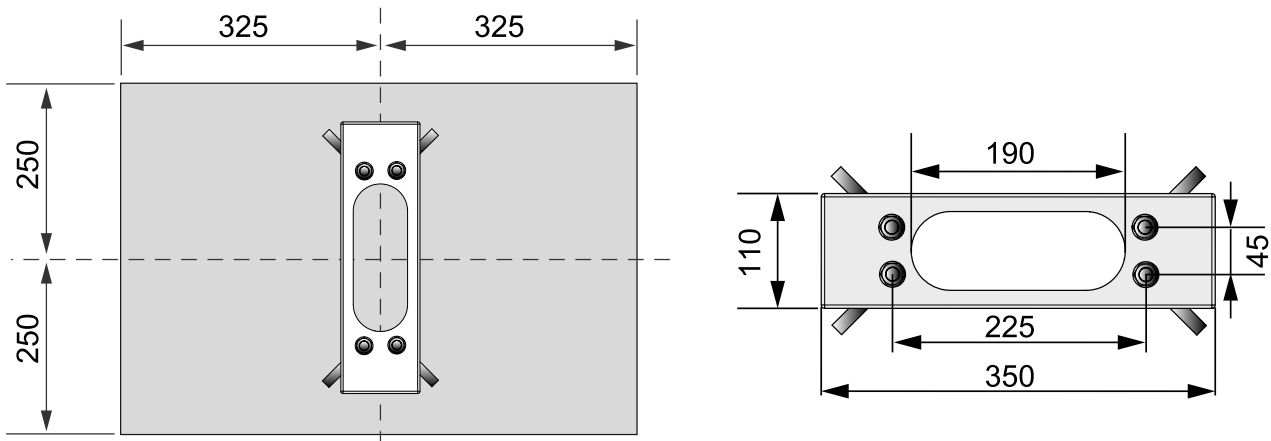
#### 3.1 Installation of the pedestal



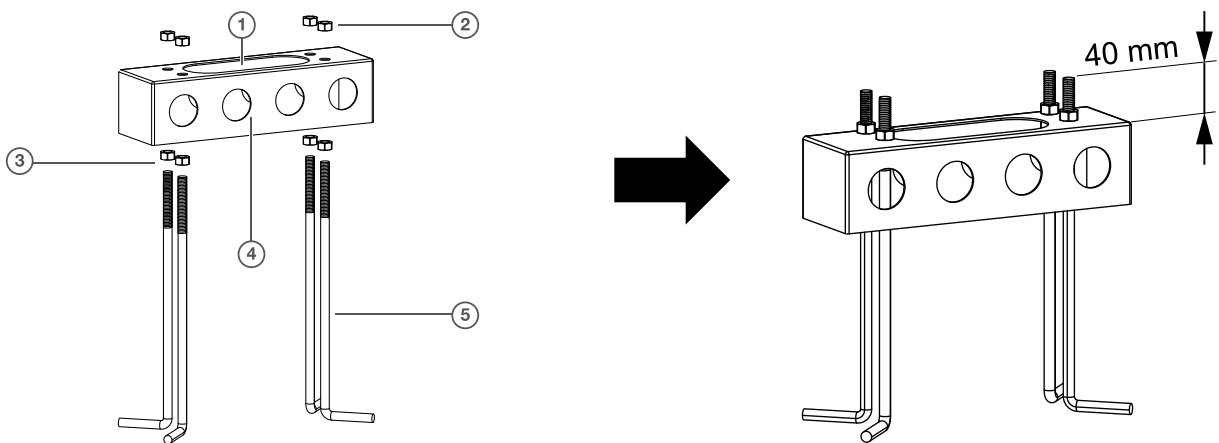
**NOTICE**

Before you embed the base, make sure that all the necessary cables and conduits from the electrical cabinet to the terminal are present.

**1 Location requirements**



**2 Assembling the embedded base**



- ① Cable routing
- ② Nuts
- ③ Locknuts

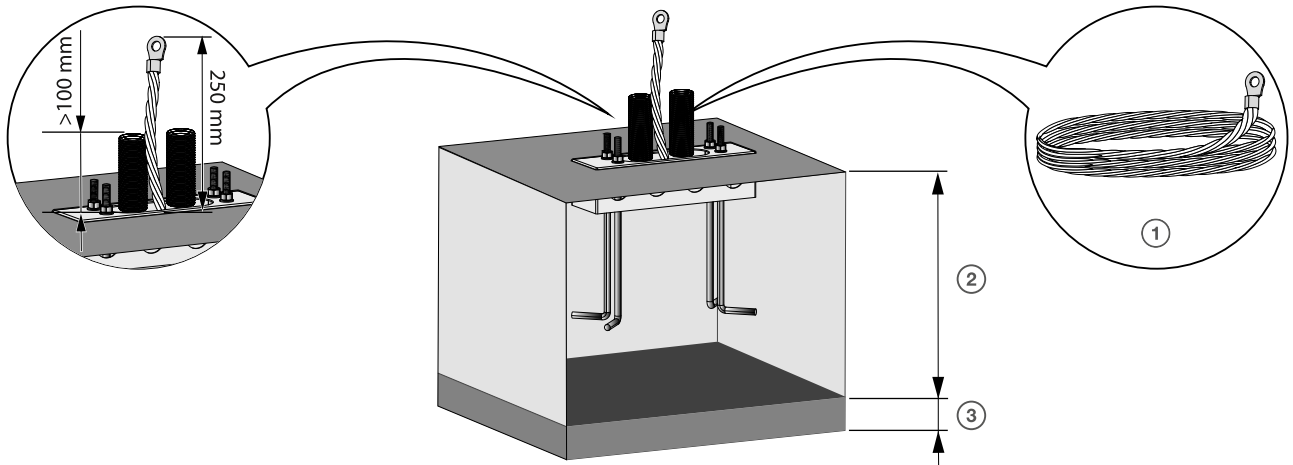
- ④ Base
- ⑤ Angled brackets

**3 Sealing the embedded base**



**INFORMATION**

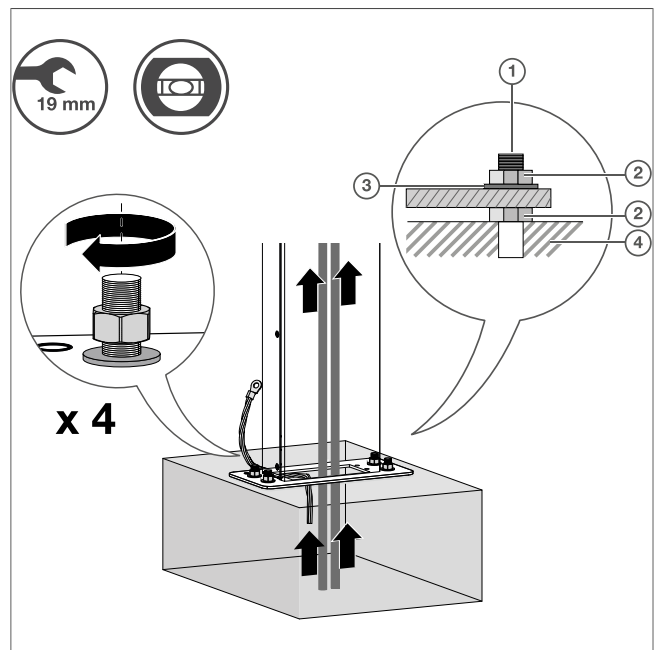
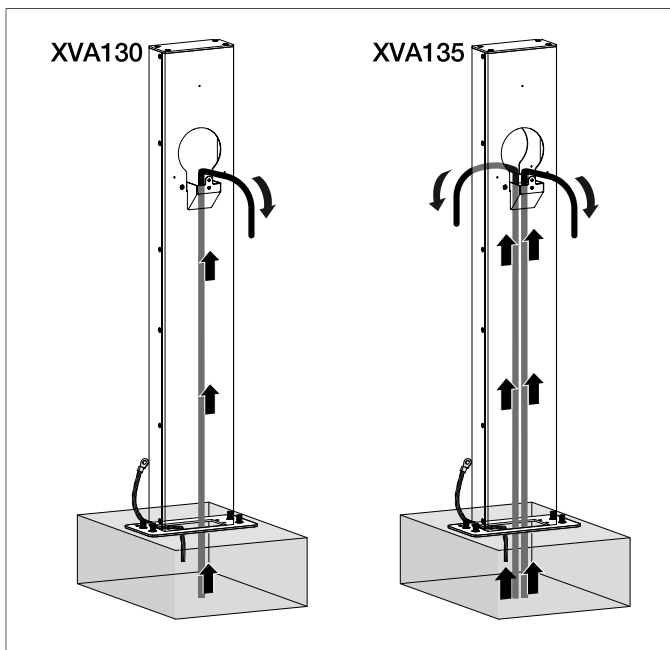
- The base accepts 2 x Ø 63 mm sheaths for terminal power cables.
- Threaded rods with a diameter of 12 to 16 mm should be used in case of chemical sealing.



- ① From the pedestal, the  $50\text{ mm}$  long<sup>2</sup> bare earthing cable should be unfolded completely then buried underground before sealing. The earthing cable is provided with the earthing set.
- ② Foundation: C20/25, X0 / Depth:  $80\text{ cm}$
- ③ Binding layer: C8/10 / Depth:  $5\text{ cm}$

④ Insert all the cables into the pedestal and pass them through their respective holes.

⑤ Secure the pedestal to the ground using the nuts.



**Caution**

A double-insulated cable must be used in the metal pedestal.



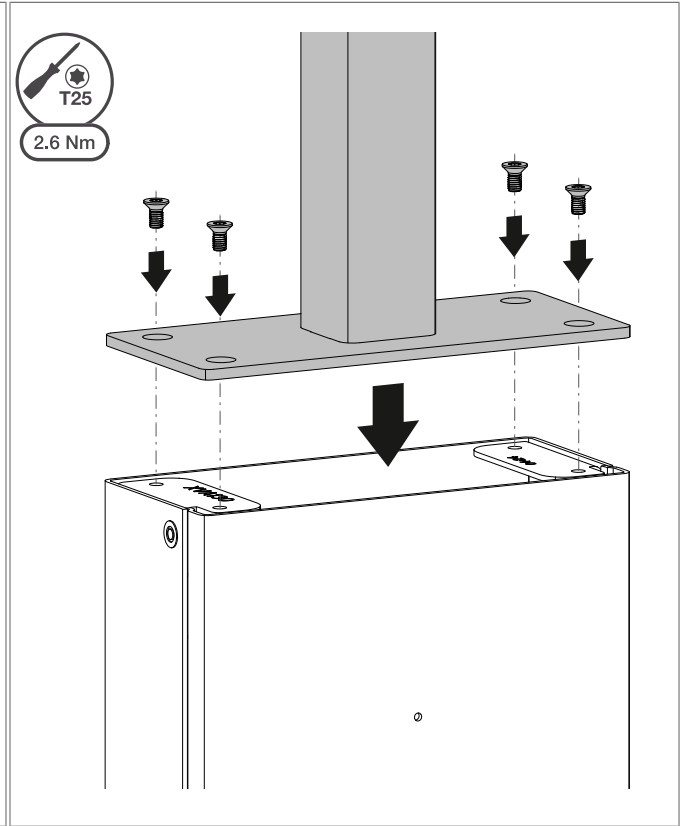
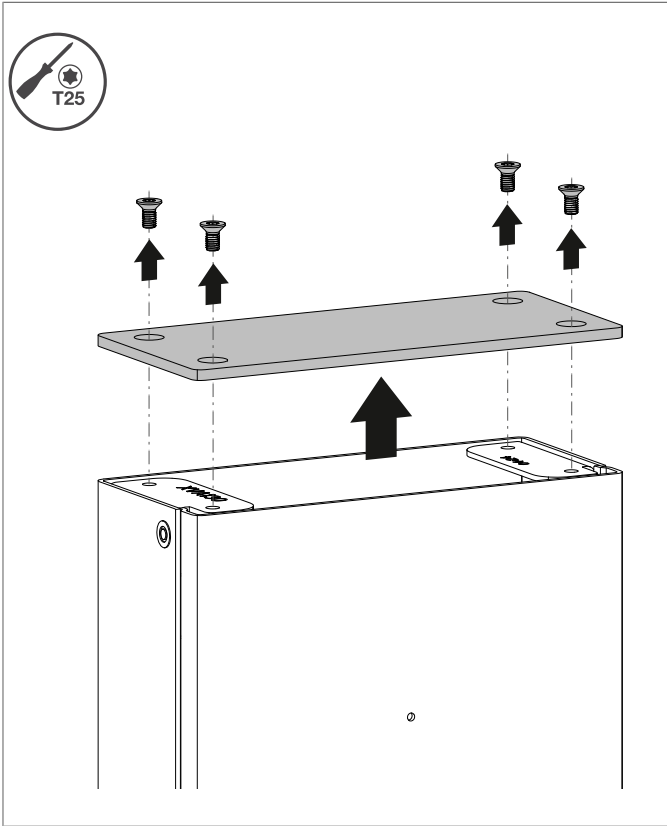
**INFORMATION**

Allow for at least  $1.700\text{ mm}$  of cable above ground.

- ① Threaded bolt
- ② Nut
- ③ Washer
- ④ Concrete

### 3.2 Fastening the panel extension (option)

- 1 Unscrew the 4 screws on the pedestal and remove the cover. Retain the 4 screws.
- 2 Place the panel extension on top of the pedestal and fasten it using the 4 screws previously retained.



## 4 Mounting

### 4.1 Mounting the earthing conductors



**Danger**

Equipotential bonding must be run between the terminal, the pedestal and the base.

- 1 Connect the earthing conductor between the mounting pedestal and the charging station.



**INFORMATION**

The earthing conductors prepared with lugs are supplied with the mounting pedestal.

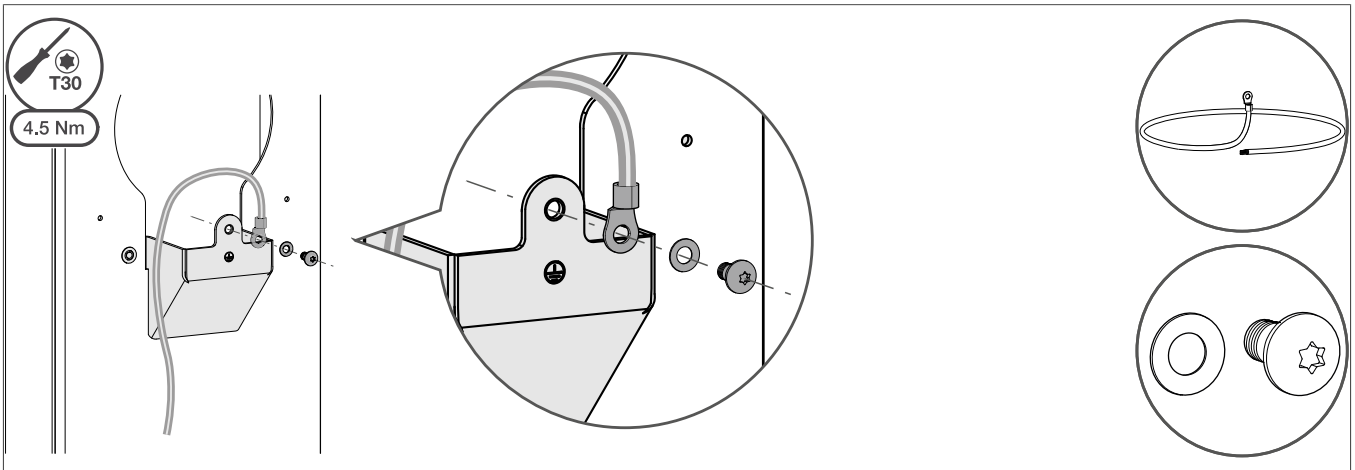


Fig. 1: Earth connection for one charging station with XVA130

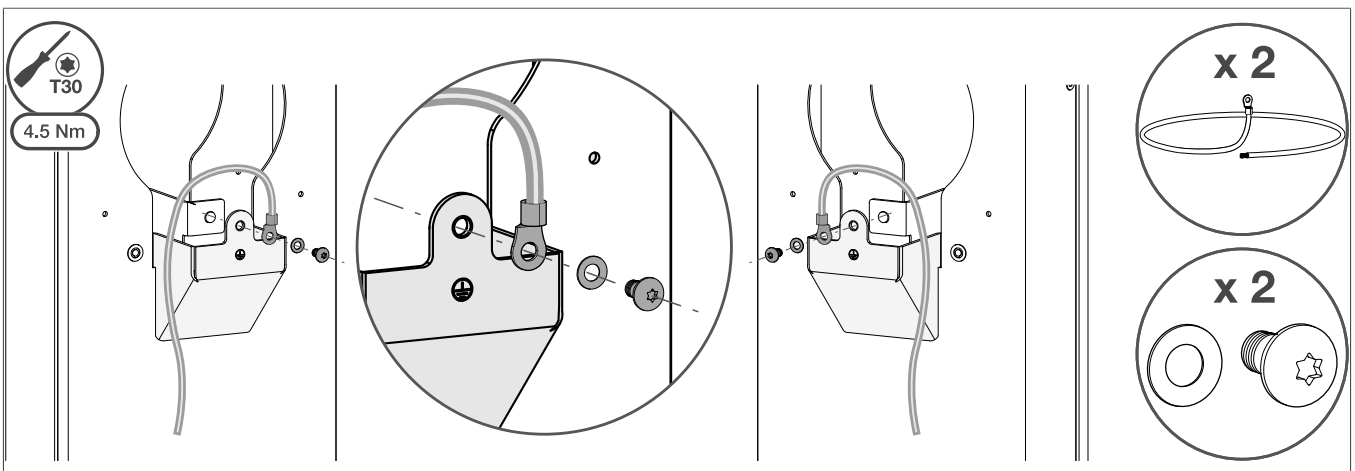


Fig. 2: Earth connection for two charging stations with XVA135

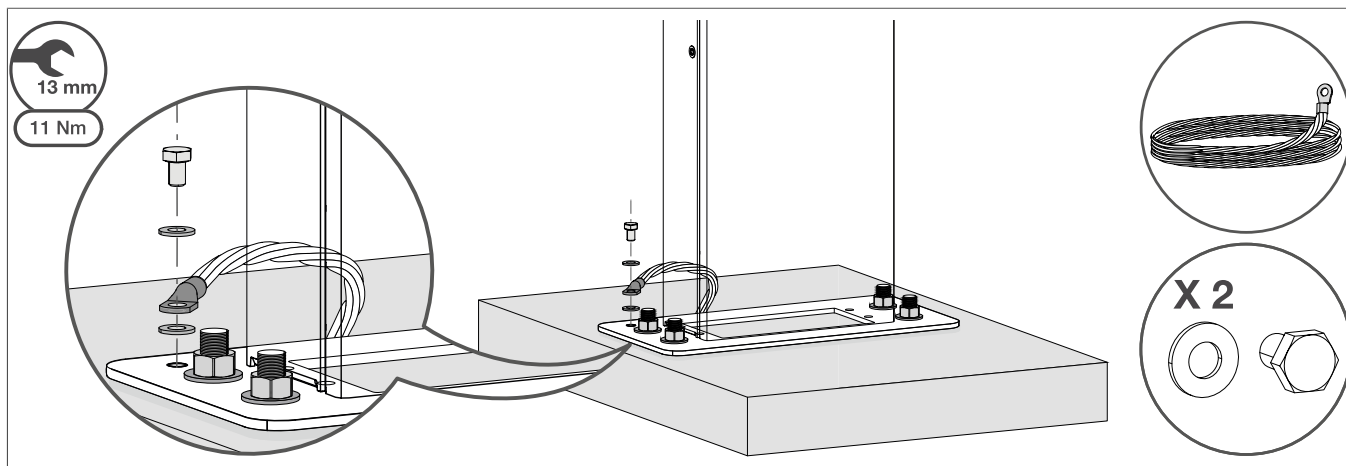


- 2 Connect the braided earthing cable to the charging station pedestal.



**INFORMATION**

The earthing conductor is provided with the earthing set.

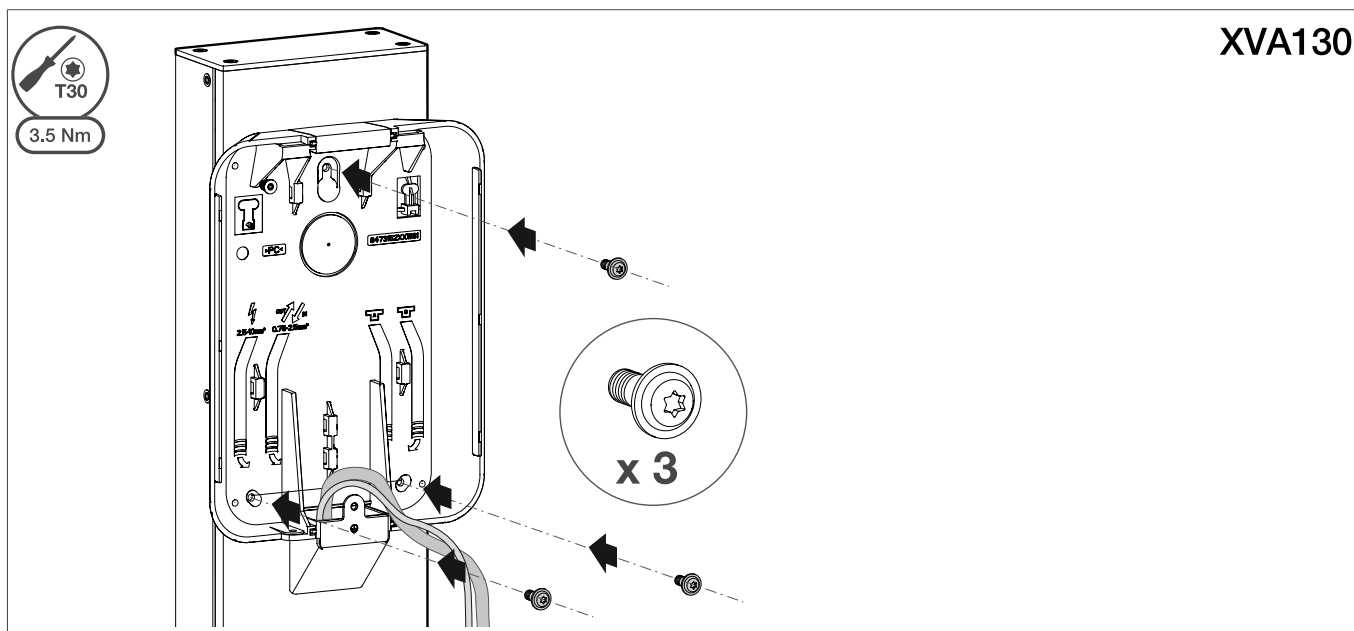


**4.2 Mounting the terminal blocks and earth connection**

- 1 Mount the terminal blocks.

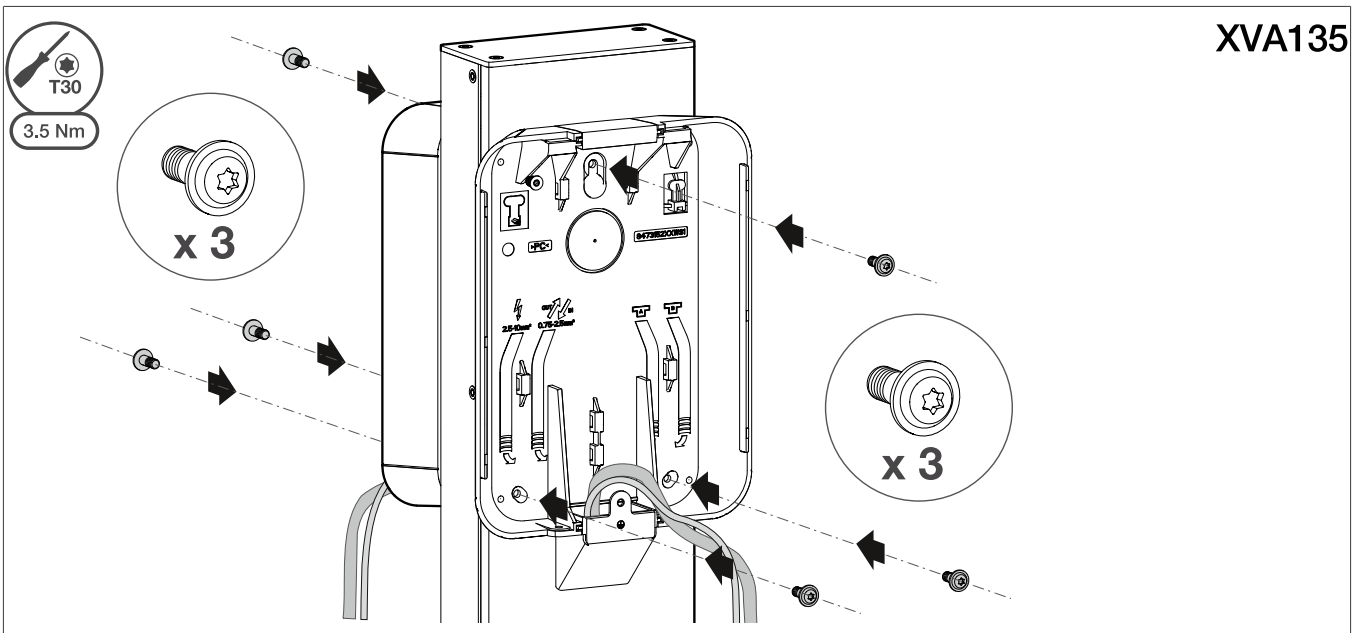


Follow the instructions regarding the opening of the terminal block in the manual provided with it. Then follow the steps described below.



## Mounting

### Mounting the terminal blocks and earth connection



Please refer to the charging station's instructions when installing it.

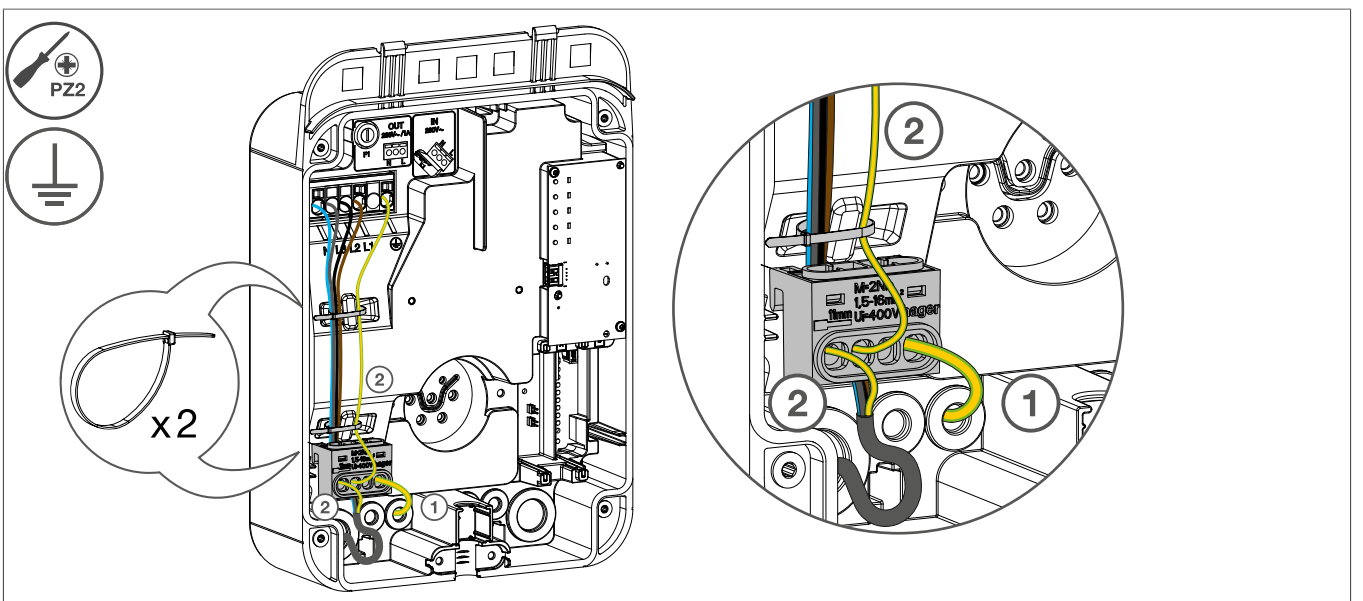
- 2 When the charging station is installed, use the terminal block (product reference GZ04E) to establish the link between the earth contact of the charging station's electrical connection and the protective earth cable coming from the electrical installation.



#### INFORMATION

The connection terminal blocks with product reference GZ04E are delivered with the mounting pedestal.

Permitted cross-sections for the terminal block: 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup>



- 1 Earthing conductor of the mounting pedestal
- 2 Earthing conductor to protect the charging station's electrical connection

## 5 Technical characteristics

### **XVA130: mounting pedestal for one charging station / XVA135: mounting pedestal for two charging stations**

<b>Weight:</b>	
XVA130	13,5 kg
XVA135	13 kg
<b>Dimensions (L x H x D):</b>	
XVA130	1280 x 280 x 157 mm
XVA135	1280 x 280 x 174 mm
<b>Earth wires (Qty x L):</b>	
XVA130	1 x 0.7 m
XVA135	2 x 0.7 m
<b>Earth wire cross-sectional area</b>	
4 mm <sup>2</sup>	
<b>Operating temperature</b>	
-25°C to +55°C	
<b>Storage temperature</b>	
-25°C to +70°C	
<b>Protection</b>	
IK10	
<b>Classification</b>	
<ul style="list-style-type: none"> <li>• Equipment for indoors and outdoors</li> <li>• Stationary equipment for fixed installation</li> <li>• Ground-based unit</li> <li>• No parts are removable without tools</li> </ul>	
<b>Colour</b>	
RAL 9011	
<b>Finish</b>	
Fine matte texture	

### **XVA137: extension for mounting pedestal**

<b>Weight</b>	2,2 kg
<b>Dimensions (L x H x D)</b>	810 x 180 x 80 mm
<b>Operating temperature</b>	-25 °C to +55°C
<b>Storage temperature</b>	-25 °C to +70°C
<b>Colour</b>	RAL 9011

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