

Your eoMini MUST be installed by a qualified electrician

In accordance with the IET Code of Practice for Electric Vehicle Charging Equipment Installation and local regulations

Remove the eoMINI from the packaging

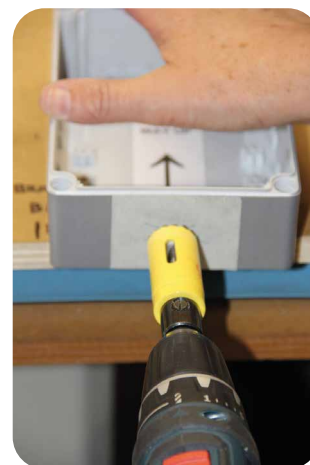
Undo the 4 screws in the corners and place the front of the eoMINI in a safe place



Offer the back of the eoMINI up to the installation location; make sure the surface is flat and level. Level the eoMINI back and mark the position of the 4 holes

Take the eoMINI back away and drill the four holes. Do NOT drill through eoMINI back or back screw holes. We suggest using a 6mm masonry drill bit if affixing to brickwork etc

Cut the correct size hole in the bottom of the eoMINI back to take the cable gland



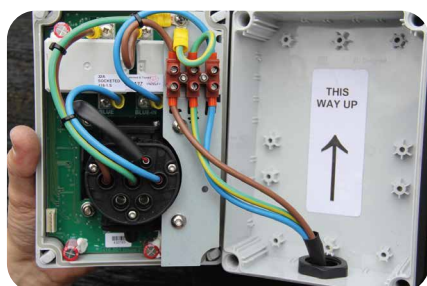
Fit the cable gland

Clean out the eoMINI for dust

Fit the eoMINI back to the wall the correct way up; make sure the eoMINI back is not twisted

Strip and prepare your power cable

Feed the power cable through the cable gland in the eoMINI back



Offer up the eoMINI front section and connect the power cables as shown

Position all cables so that you can close the eoMINI front to the eoMINI back, making sure that no cables are trapped

Secure the eoMINI front to the eoMINI back. Do NOT over tighten the screws

Place the 4 bungs back into the screw holes

Power up and test the eoMINI



The installer should select the RCD and earthing configuration in accordance with the IET Code of Practice and local regulations

REMEMBER, if installing under OLEV EVHS, you MUST install TYPE A RCD
We recommend minimum 20amp on 16amp charger and 40amp on 32amp charger

Visit www.eocharging.com for more information

Instructions to change the Maximum Current Value on an eoMINI

Introduction

This document details how to change the maximum current rating of an eoMini from 32A

NOTE – it is only possible to reduce the maximum current rating of the eoMini from 32A **IF** the rating plate sticker on the eoMini states “Up to 7.2kW/32amp”. Otherwise, the rating plate is invalidated. This information was added to the rating plate from July 2018

Changing from 32A to 16A

In order to change the maximum current rating from 32A, the following steps must be taken. Care needs to be taken as to whether the eoMini is to be installed in an installation that requires the mains test (e.g. UK) or one that doesn't need the earth tested (e.g. Norway)

The current selection is made via a 16 position rotary switch on the bottom left hand corner of an eoMini:



FIGURE 1 - ROTARY SWITCH TO SELECT MAXIMUM CURRENT RATING

TN-C-S or PME Earth

The following switch positions determine the maximum current rating for countries that use a TN-C-S or PME earthing system.

Switch Position	Mains Test (Loss of earth)	Current Rating (Amp)
0	YES	11
1		12
2		14
3		16
4		19
5		22
6		24
7		28
8		30
9		32

IT Earth

The following switch positions determine the maximum current rating for countries that use an IT earthing system. This option disables the loss of mains tests in the firmware.

Switch Position	Mains Test (Loss of earth)	Current Rating (Amp)
A	NO	11
B		12
C		16
D		22
E		28
F		32