



Eye Double Pro-line

Quick installation guide



This document contains installation instructions for the Eve Double Pro-line. Please always refer to our website for the most up-to-date and complete manual for the product.
www.alfen.com/en/downloads

Installation conditions

! *The installation must comply with standards and (local) regulations and must only be carried out by a qualified technician.*

Conditions of use

Operating temperature	-25 °C / +40 °C	
Relative humidity	5% / 95%	
Electrical safety class	I	
Protection rating	IP54	
Mechanical impact	IK10	

Nominal input voltage

Single-phase	230 V ± 10%	50 Hz
3-phase	400 V ± 10%	50 Hz

Earthing

TN or IT system	PE cable
TT system	self-installed earth electrode, < 100 Ohm earth dispersion resistance

! *If there are two power supply cables, the following safety devices are required on each power supply cable.*

Short-circuit protection (system circuit breaker)

	Single-phase	3-phase
16 A	2x 20 A, 1Ph, char. B or C	2x 20 A, 3Ph, char. B or C
32 A	2x 40 A, 1Ph, char. B or C	2x 40 A, 3Ph, char. B or C

Short-circuit protection (cartridge fuses)

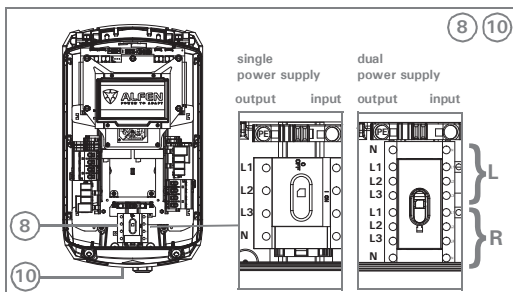
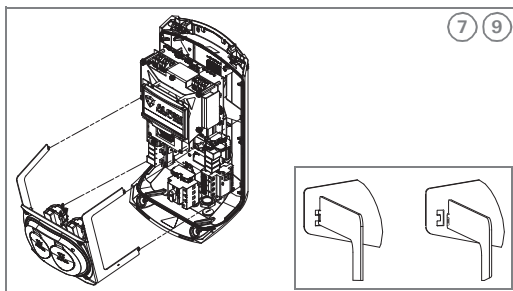
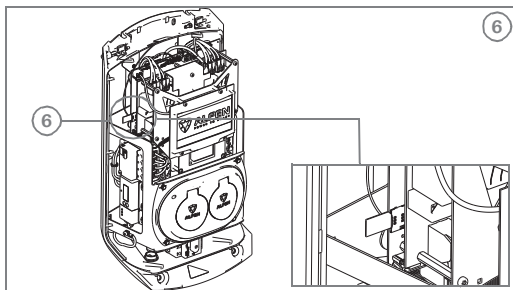
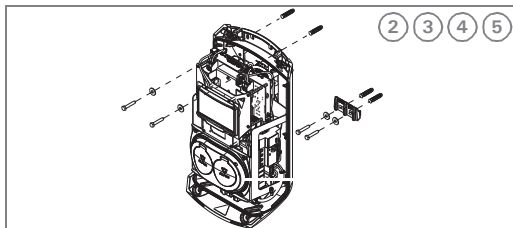
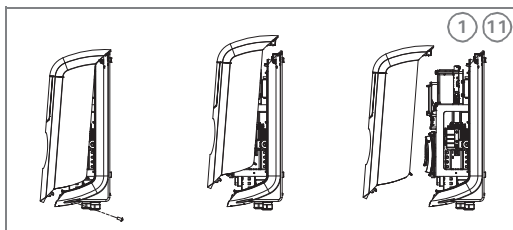
	Single-phase	3-phase
16 A	2x 20 A gG	6x 20 A gG
32 A	2x 35 A gG	6x 35 A gG

Residual current device (optional)

	Single-phase / 3-phase
16 A	Type B (selective), 100 mA, 20A
32 A	Type B (selective), 100 mA, 40A

Minimum power supply cable diameters (max.50m)

	Single-phase	3-phase
16 A	4 mm ²	4 mm ²
32 A	6 mm ²	6 mm ²



Installing

1 Remove the front cover.

- Place the Eve Double Pro-line with the front cover facing upwards.



Use the box as a base, to avoid damaging the Eve Double Pro-line.

- Remove the two M8x20 screws from the underside.
- Unscrew the two M8x20 screws on the side completely.
- Pull the front cover from the underside upwards first and then straight up.

For wall mounting only:

2 Drill the holes for the mounting bracket.

- Mark the holes to be drilled, drill them and fit the wall plugs.



Use the mounting bracket or the drilling template supplied to mark the holes.



Ensure the wall plugs and screws are suitable for the type of wall.

3 Fit the mounting bracket.

- Secure the mounting bracket to the wall or to the mounting pole using the 2 screws.

4 Drill the holes for the Eve Double Pro-line.

- Position the Eve Double Pro-line on the mounting bracket.



Do not drop the Eve Double Pro-line. Keep hold of the Eve Double Pro-line with one hand.

- Mark the holes to be drilled, drill them and fit the wall plugs.



Ensure the wall plugs and screws are suitable for the type of wall.

5 Fit the Eve Double Pro-line.

- Position the Eve Double Pro-line on the mounting bracket.



Do not drop the Eve Double Pro-line. Keep hold of the Eve Double Pro-line with one hand.

- Fit and tighten the two M8 x 50 mm hexagon head wood screws.

For control management via SIM only:

6 Fit the SIM card.

- The SIM card holder is located to the left of the display. Insert the SIM card with the chip to the back of the housing.

7 Remove the subframe and the plug connection.

- Press clamp fastening on one side first and lift the subframe on that side.
- Then press the clamp fastening on the other side and remove the subframe.

8 Connect the power cable(s).



Make sure the power cable is not live.

- Feed the cable(s) through the gland.
- Connect the cores to the operating switch and earth to the relevant terminal.
- Tighten the gland(s).



Ensure the cable is clamped firmly in the gland. Only then will the IP54 sealing be effective.

9 Refit the subframe.

- Press the clamp fastening into place on one side first and then the clamp fastening on the other side.



Do not damage the power cables.

For control management via wired internet only:

10 Connect the ethernet cable.

11 Refit the front cover.

- Fit the front cover onto the housing from the top.
- Retighten the two M8x20 screws on the side completely.
- Retighten the two M8x20 screws from the underside.



Avoid dropping the front cover. Keep hold of the front cover with one hand.

Status indication

	Charging pass accepted, cable connected.
	Communicating with vehicle or charged and ready to use.
	Charging transaction active, with indication of charging rate.
	Error message, with error code.



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