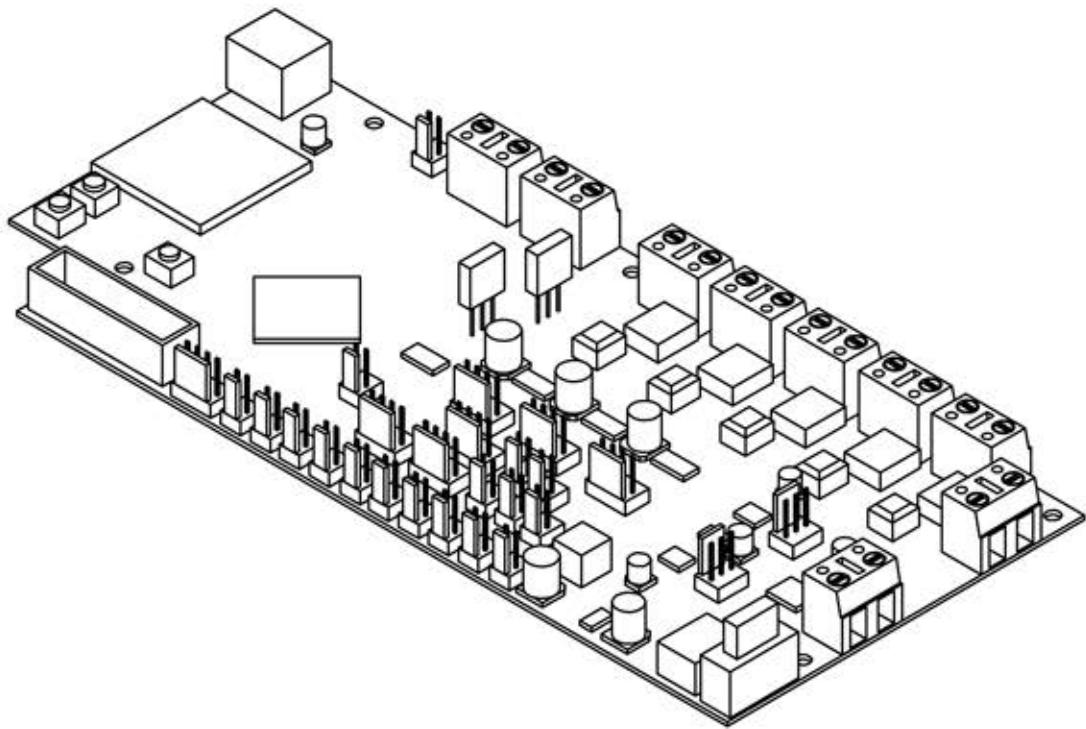
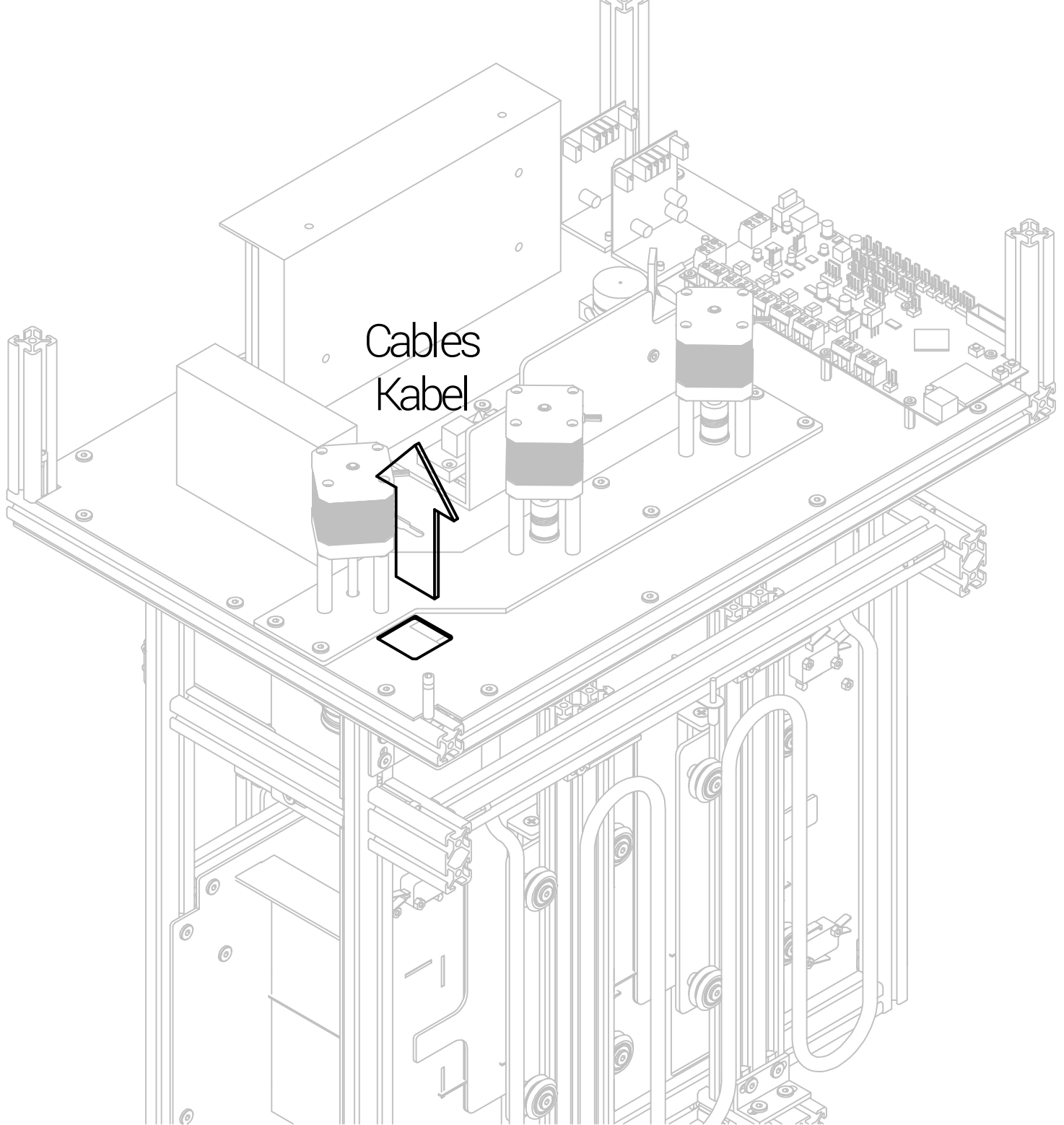


Electronics Guide



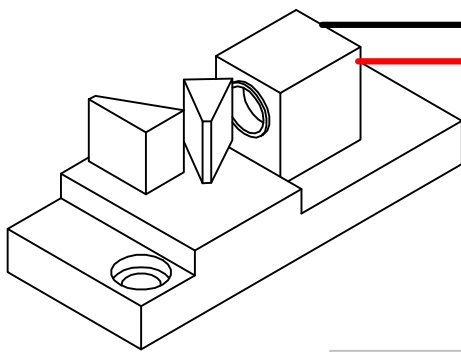
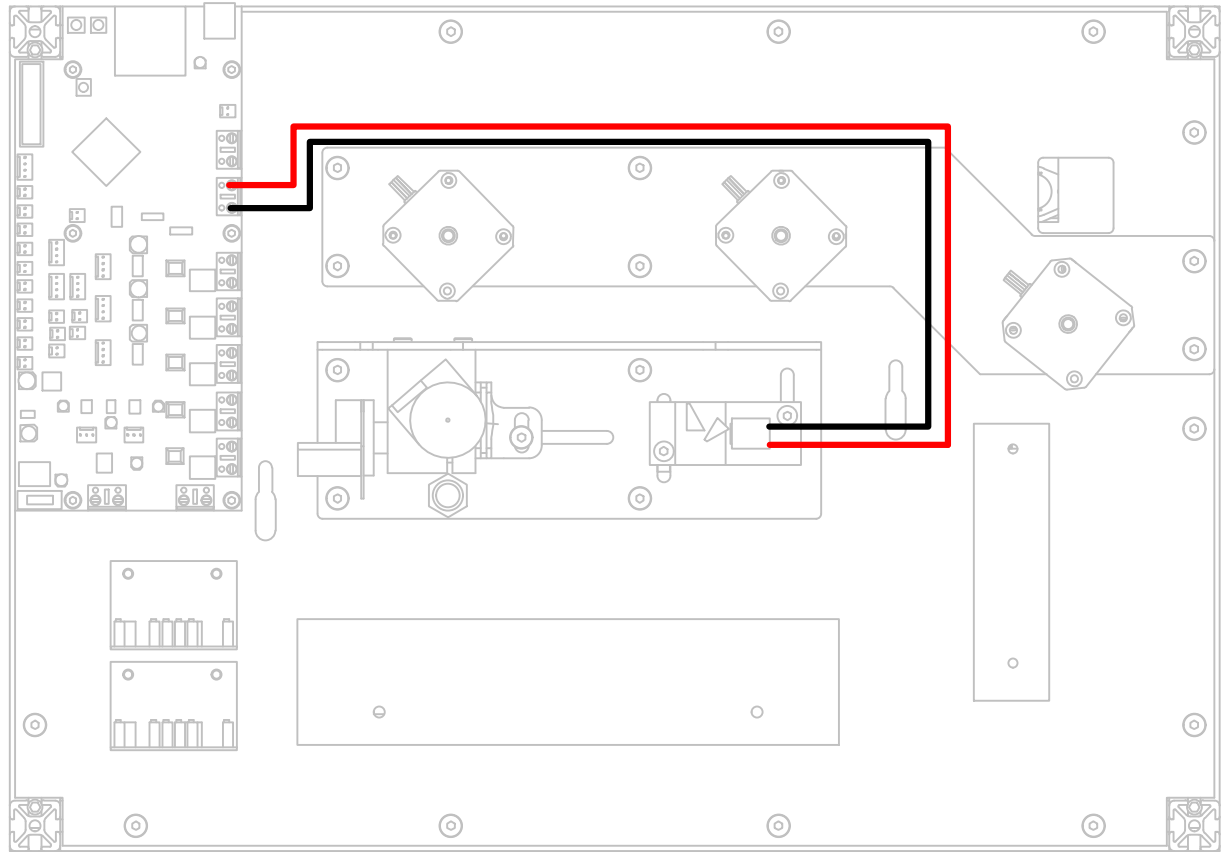


[EN] Make sure all cables and connectors are labeled!

[DE] Alle Kabel und Stecker müssen gekennzeichnet sein!

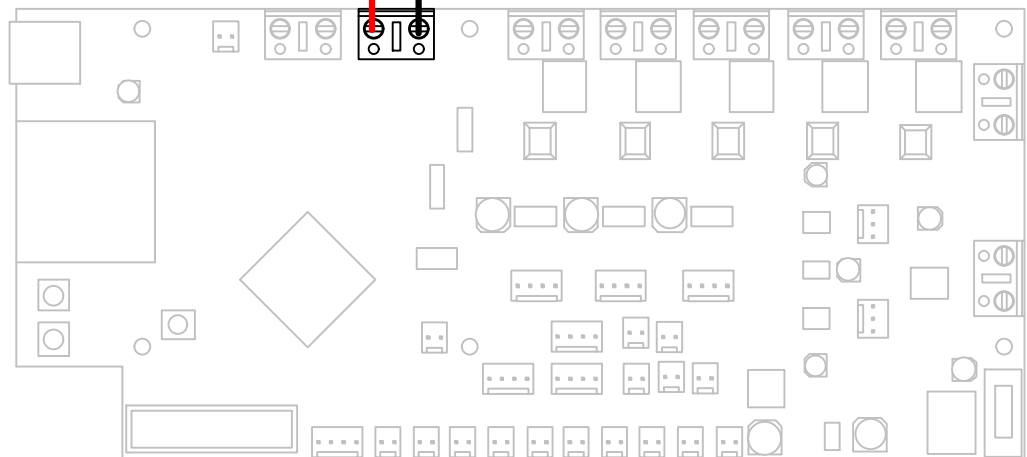
Laser

E001



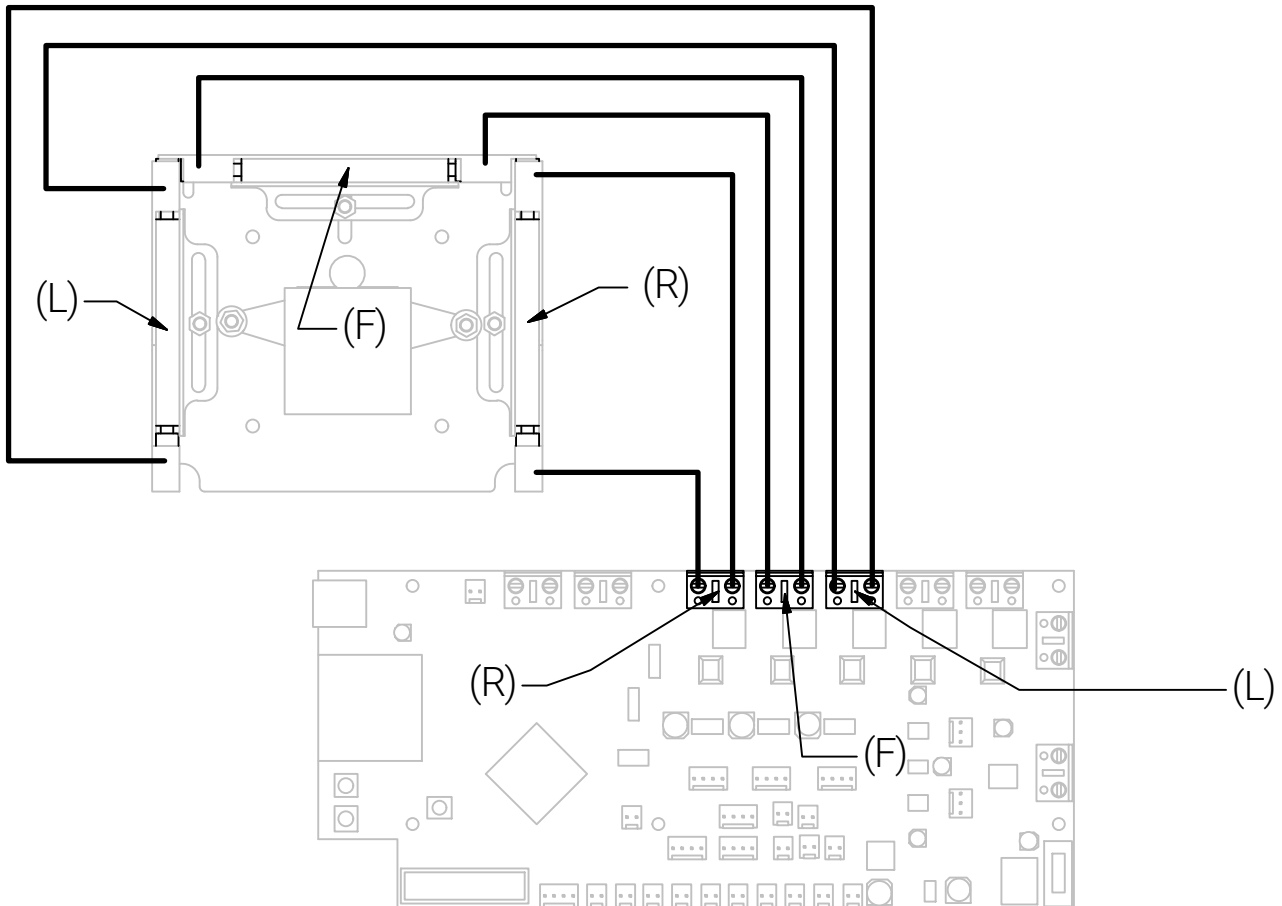
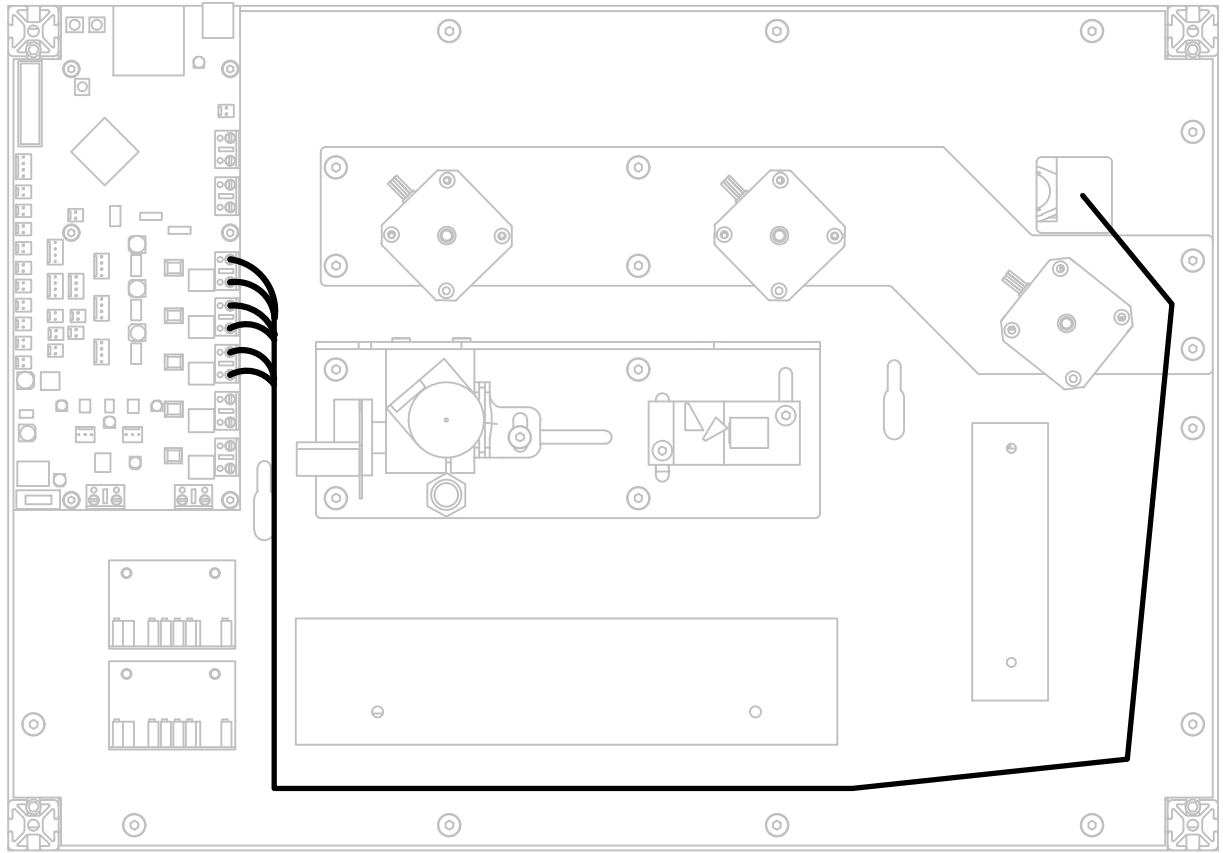
Laser +
(red)

Laser -
(black)



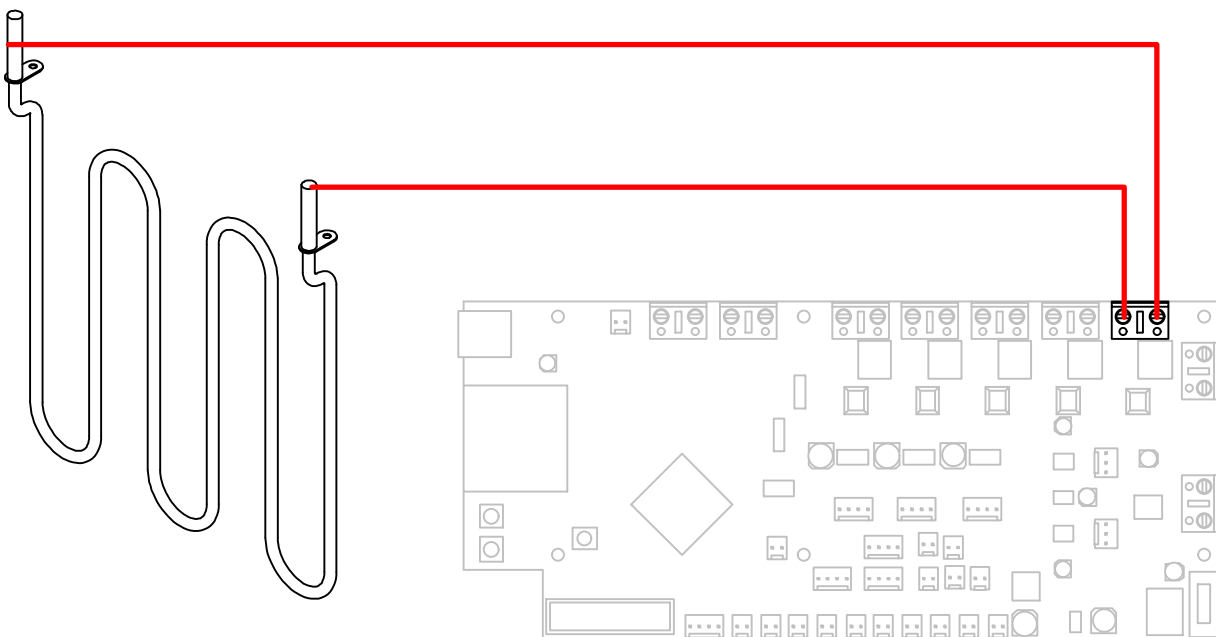
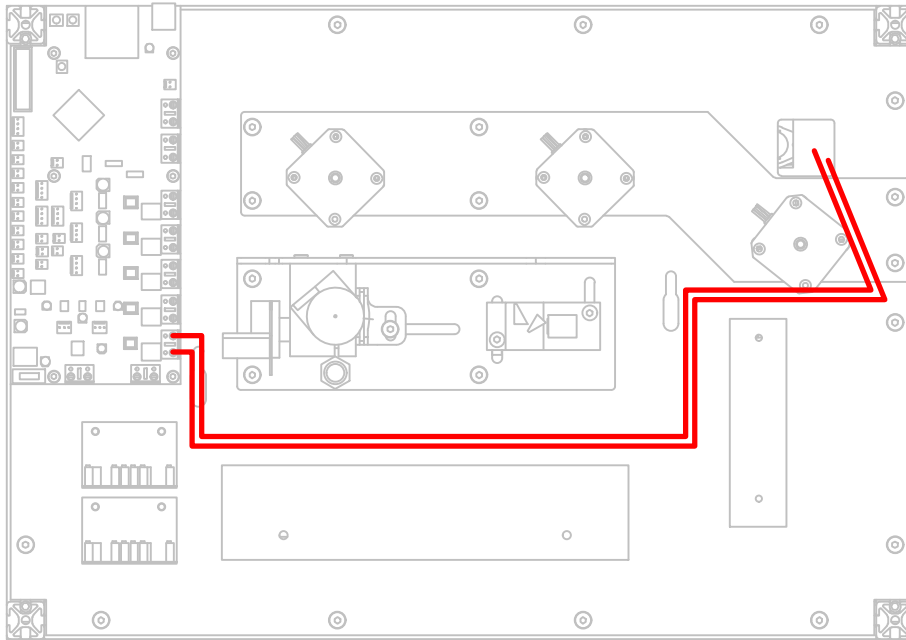
Lamp (white wires)

E002



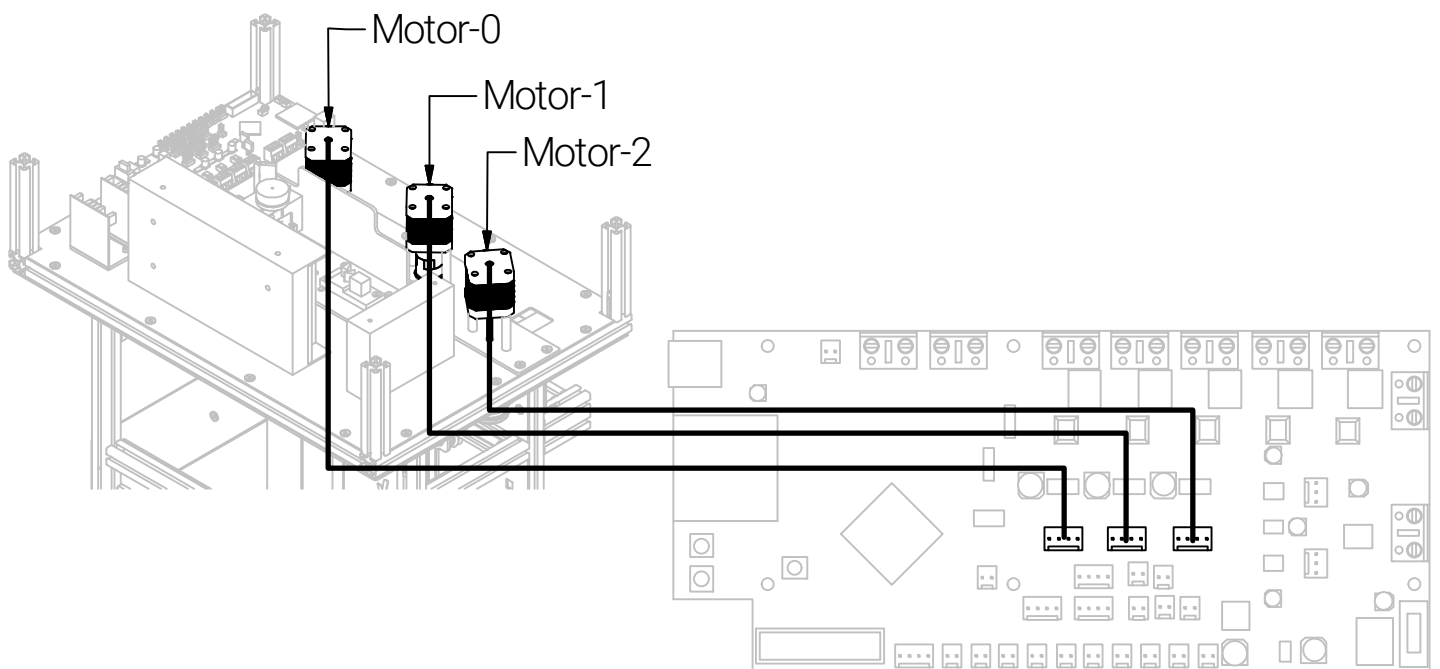
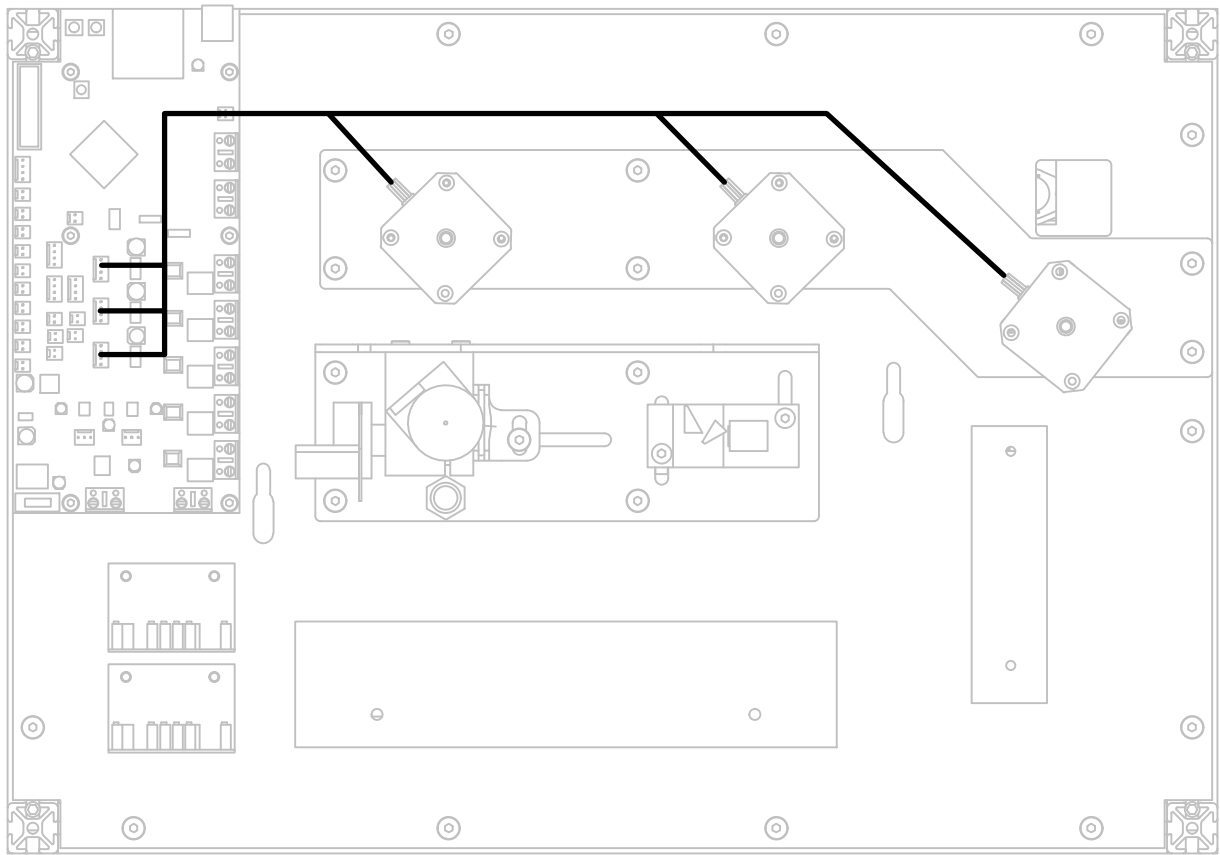
Coil

E003



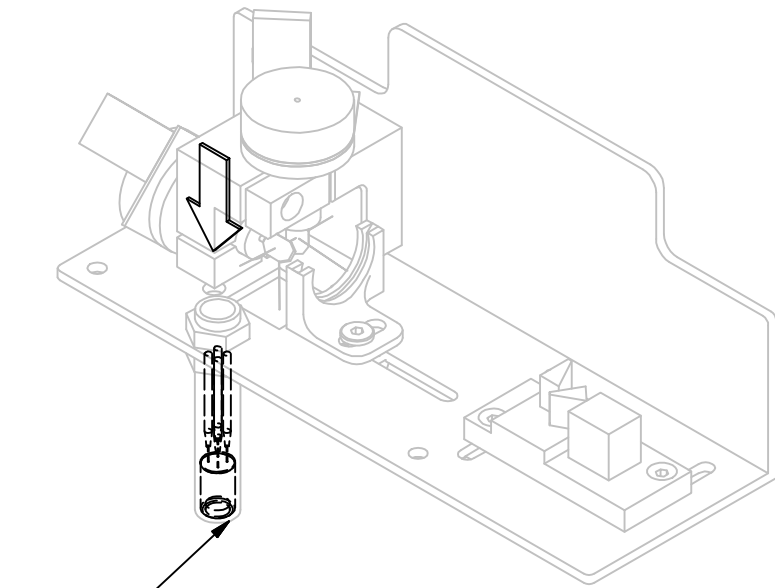
Motors

E004

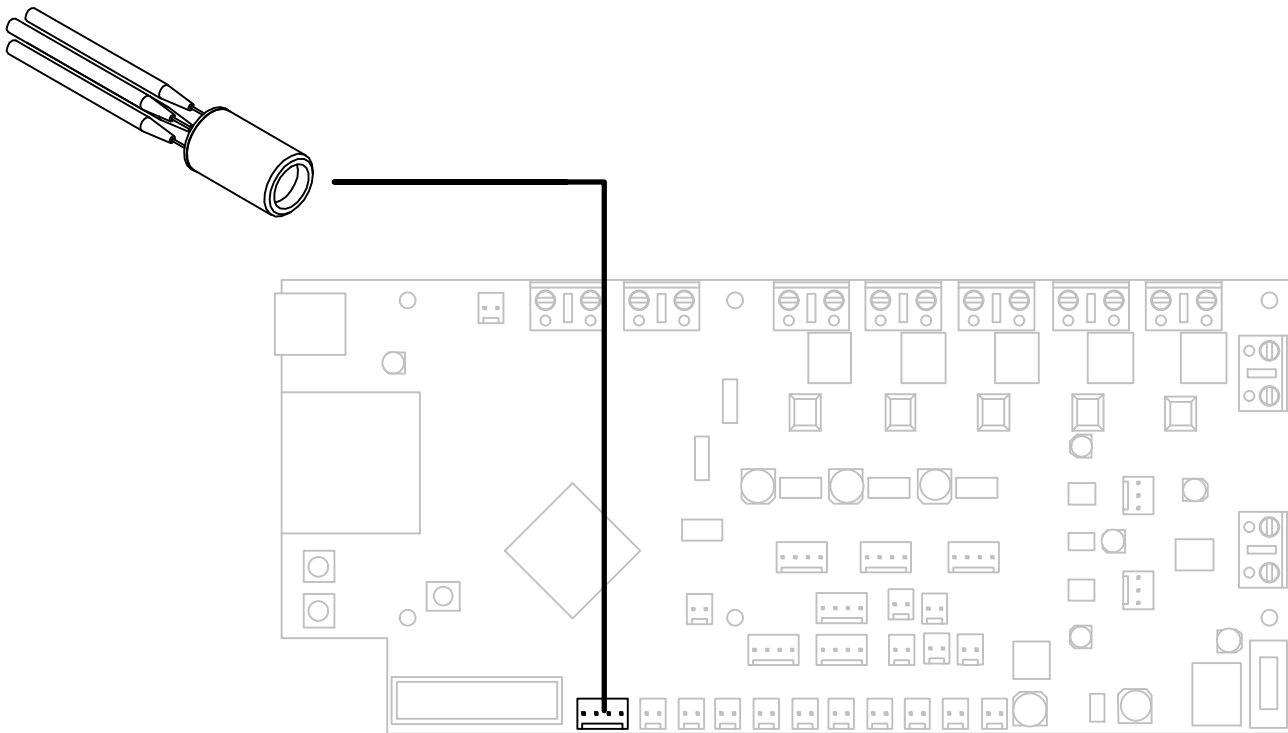
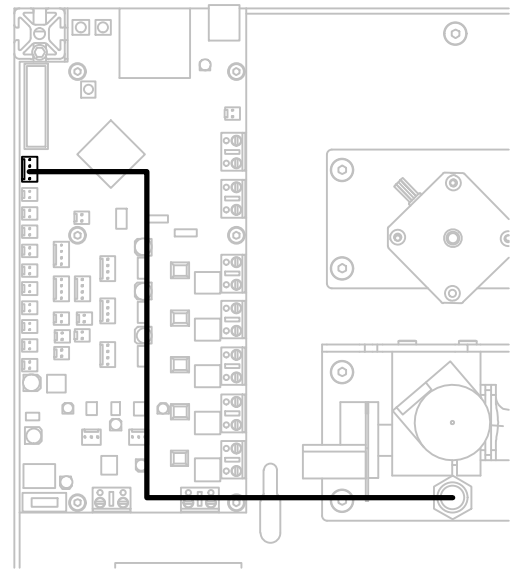


Infrared Sensor

E005

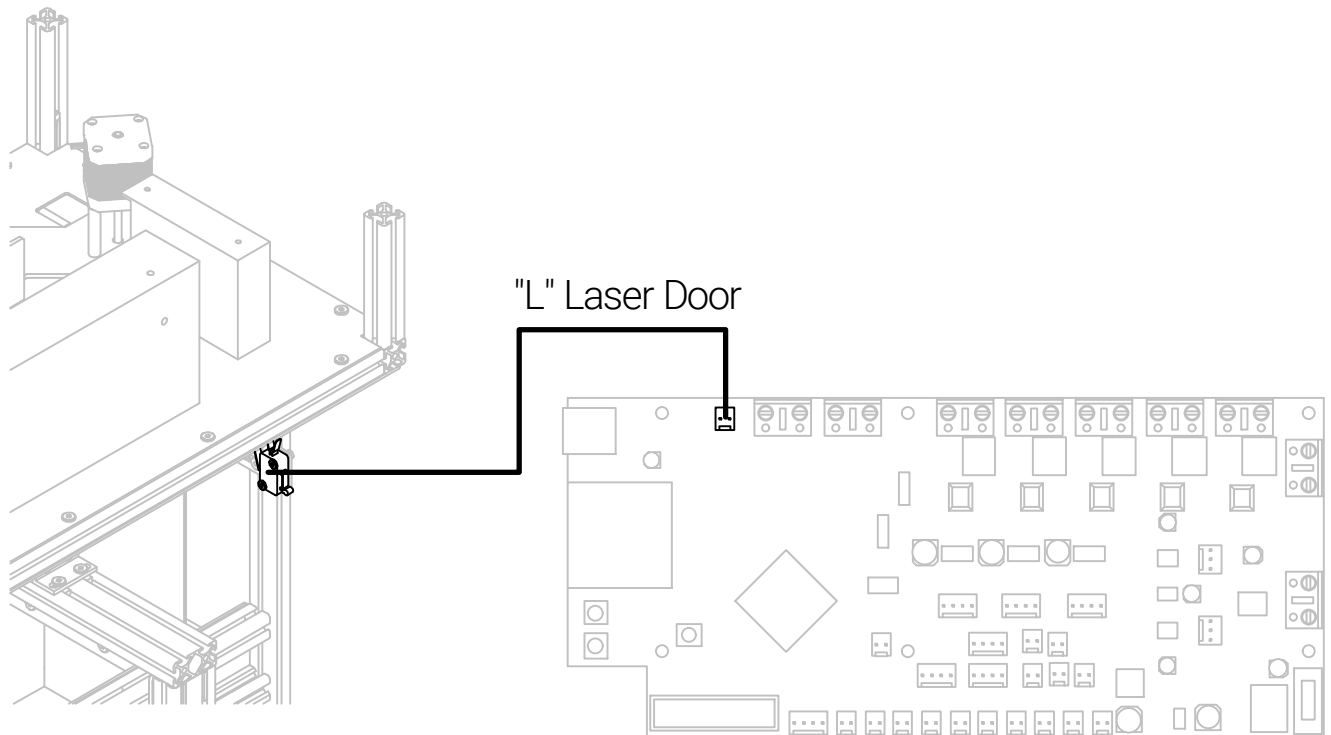
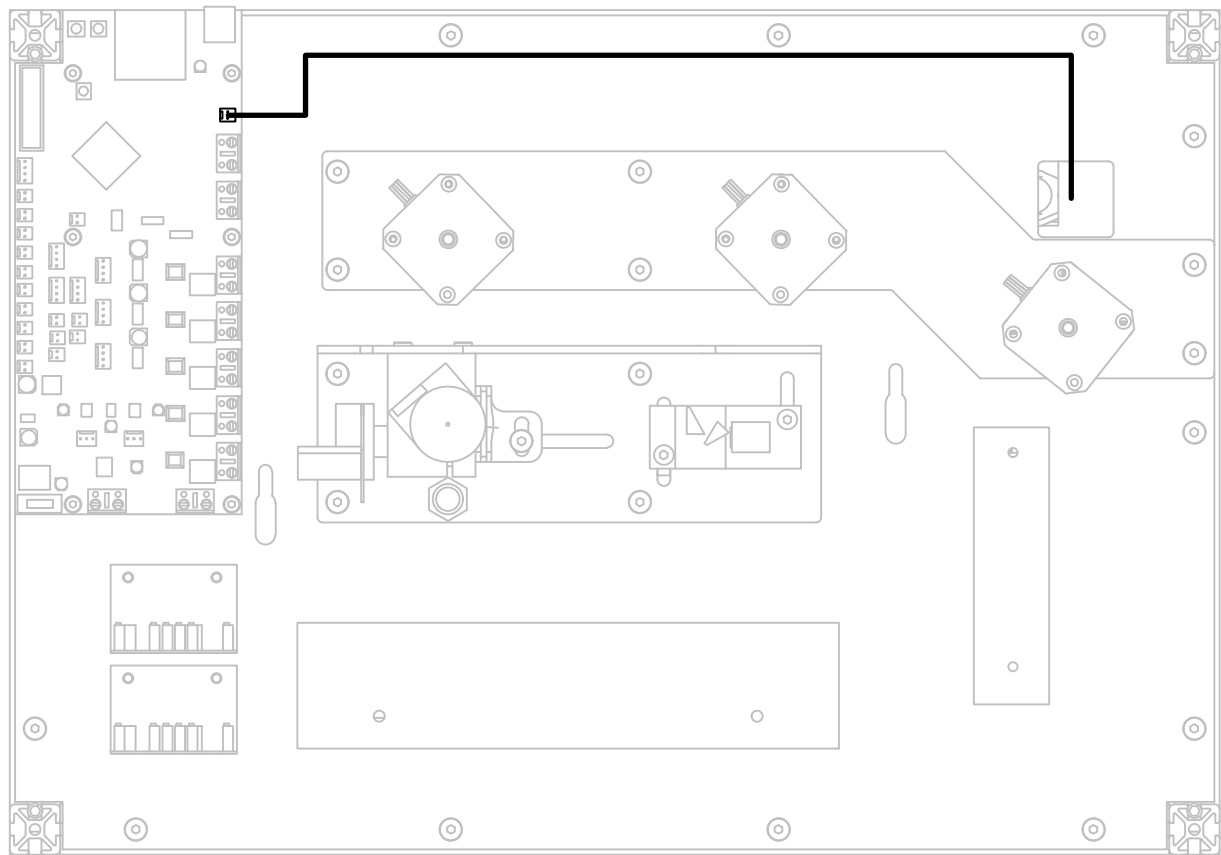


[EN] Sensor has to be aligned with tube end
[DE] Sensor muss mit Rohrende bündig sein



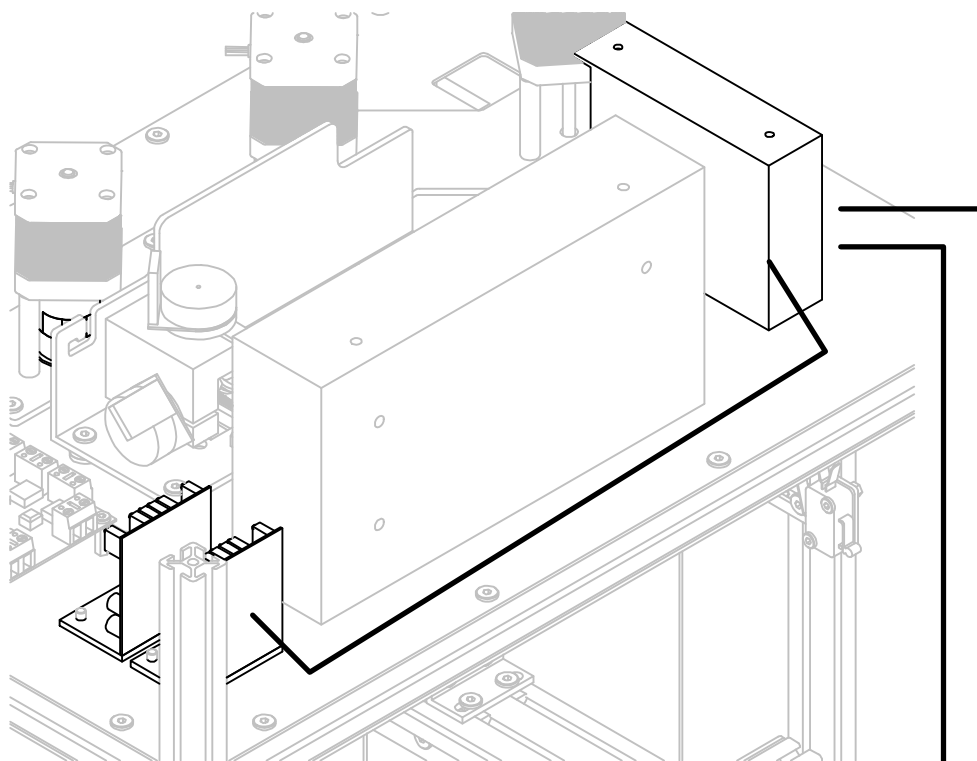
Laser Door

E006

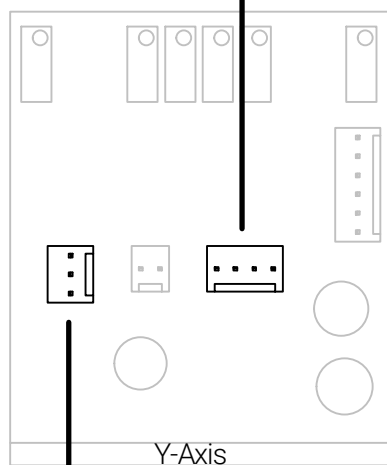


"L" Laser Door

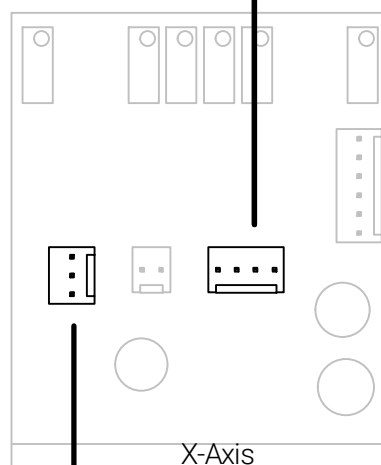
E007



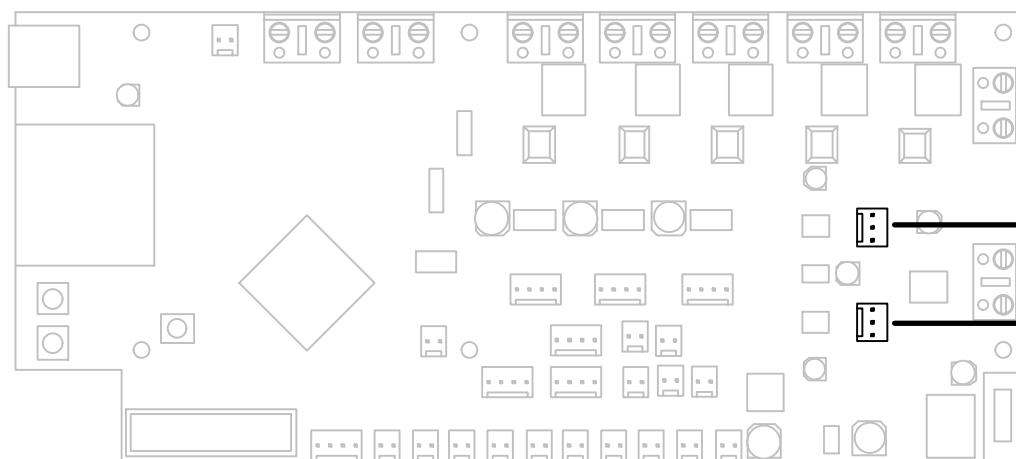
$\pm 24 V$



Galvo-Y-Axis

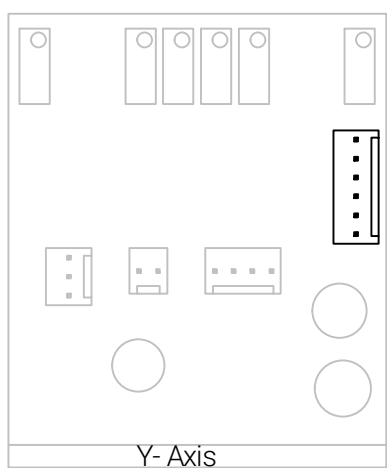
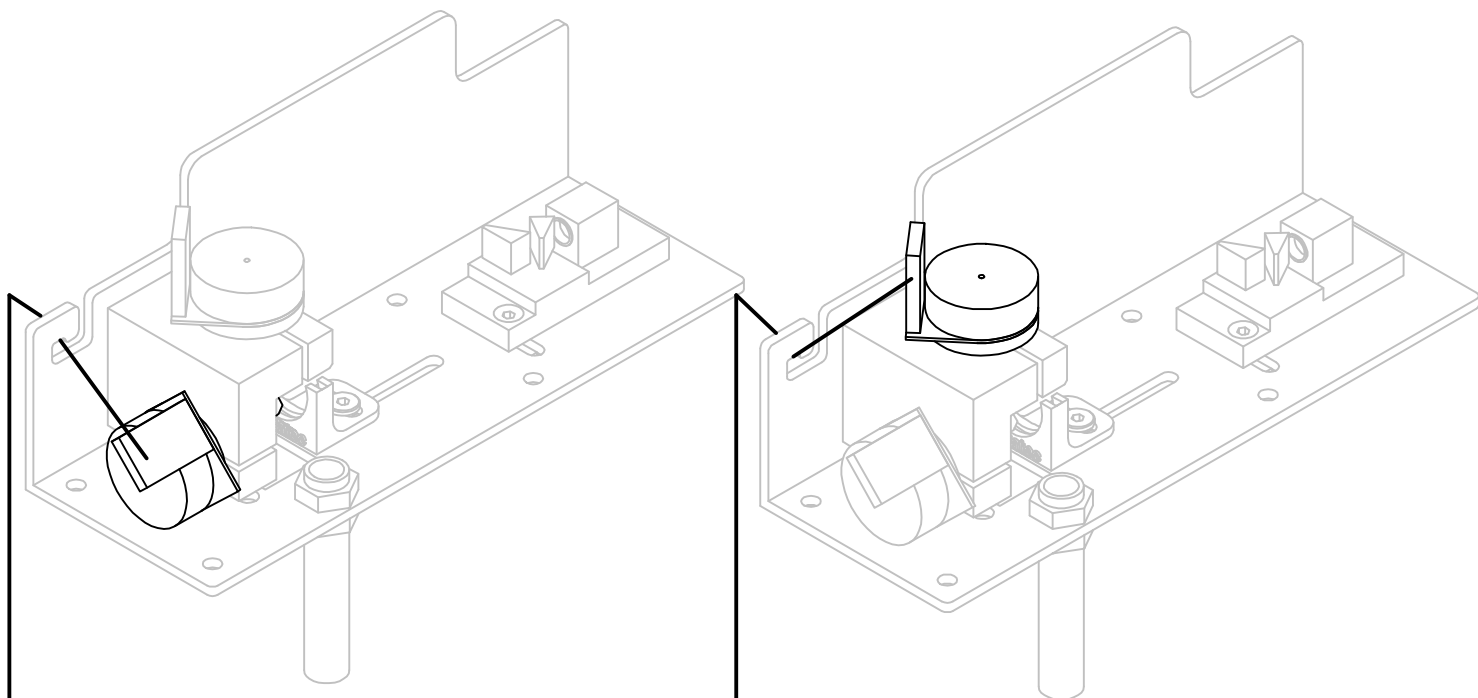


Galvo-X-Axis

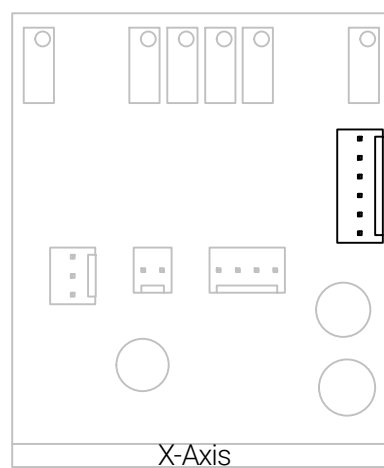
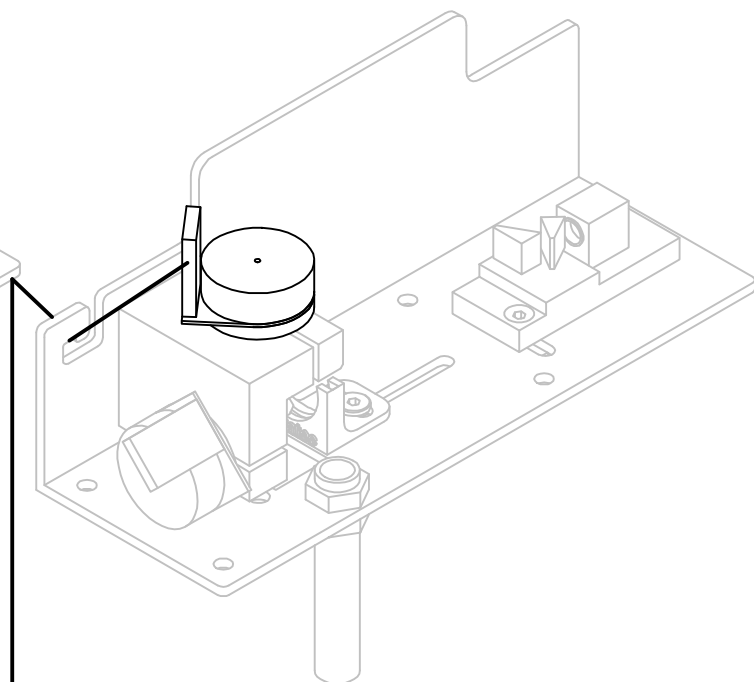


Galvo-1

Galvo-0

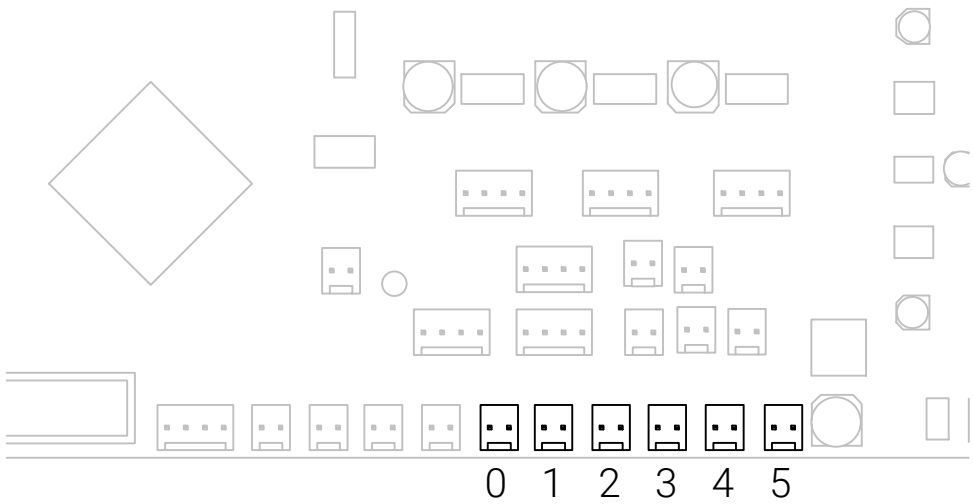
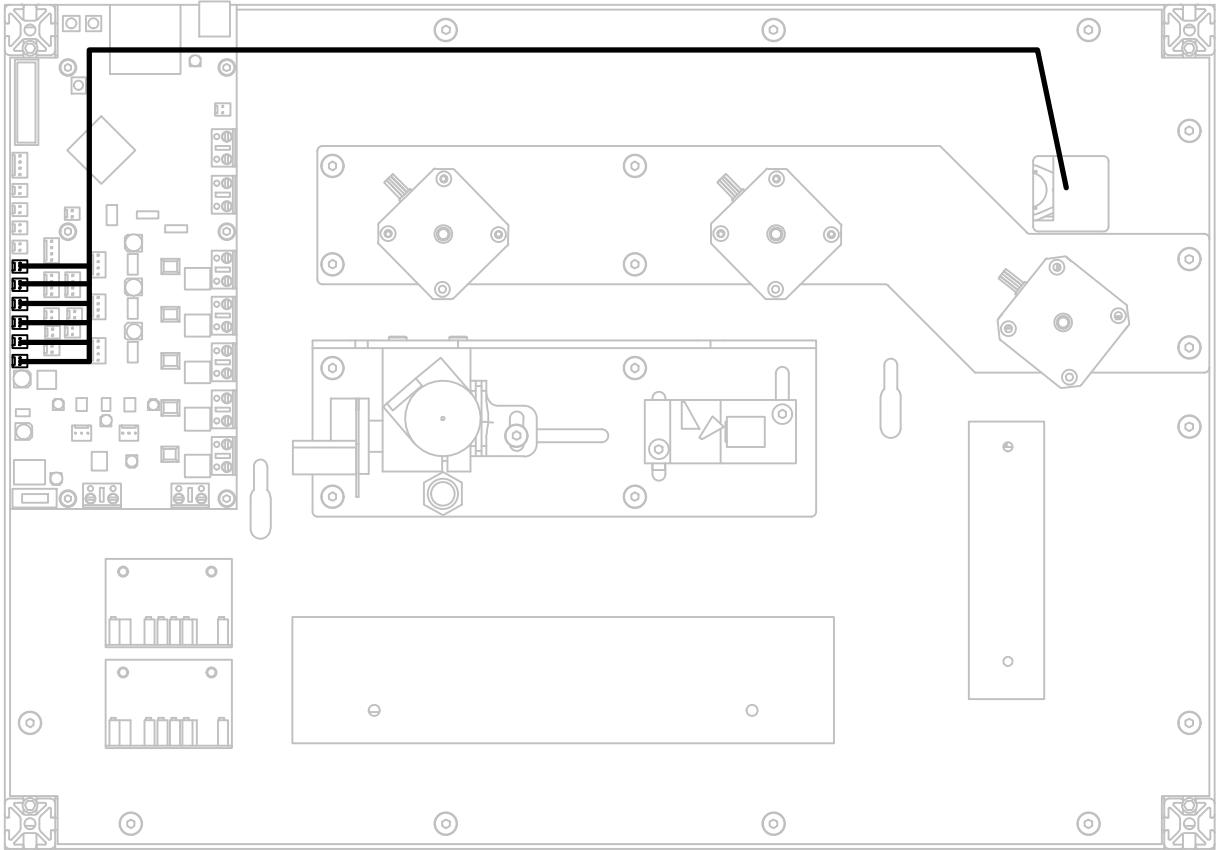


Galvo-Y-Axis

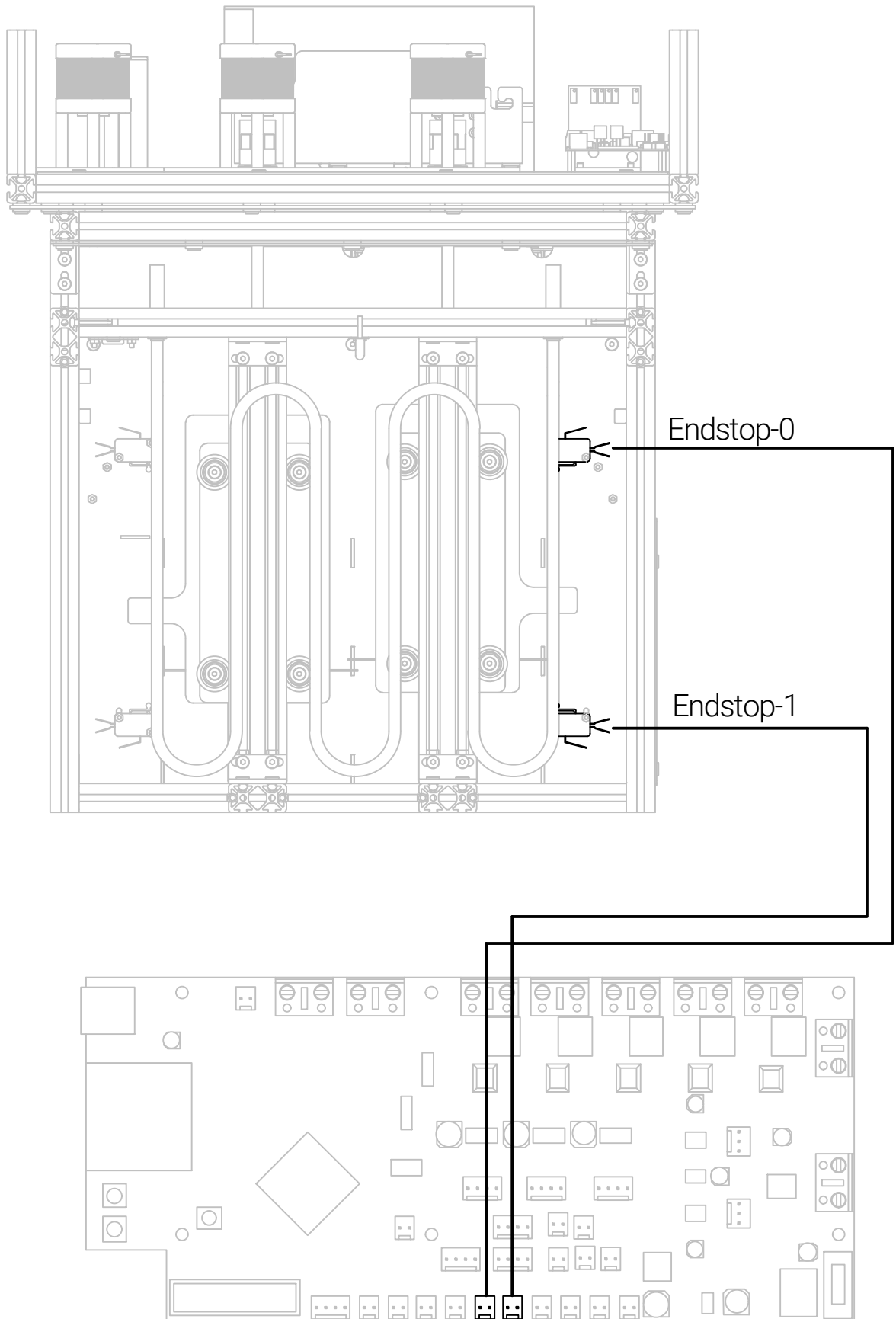


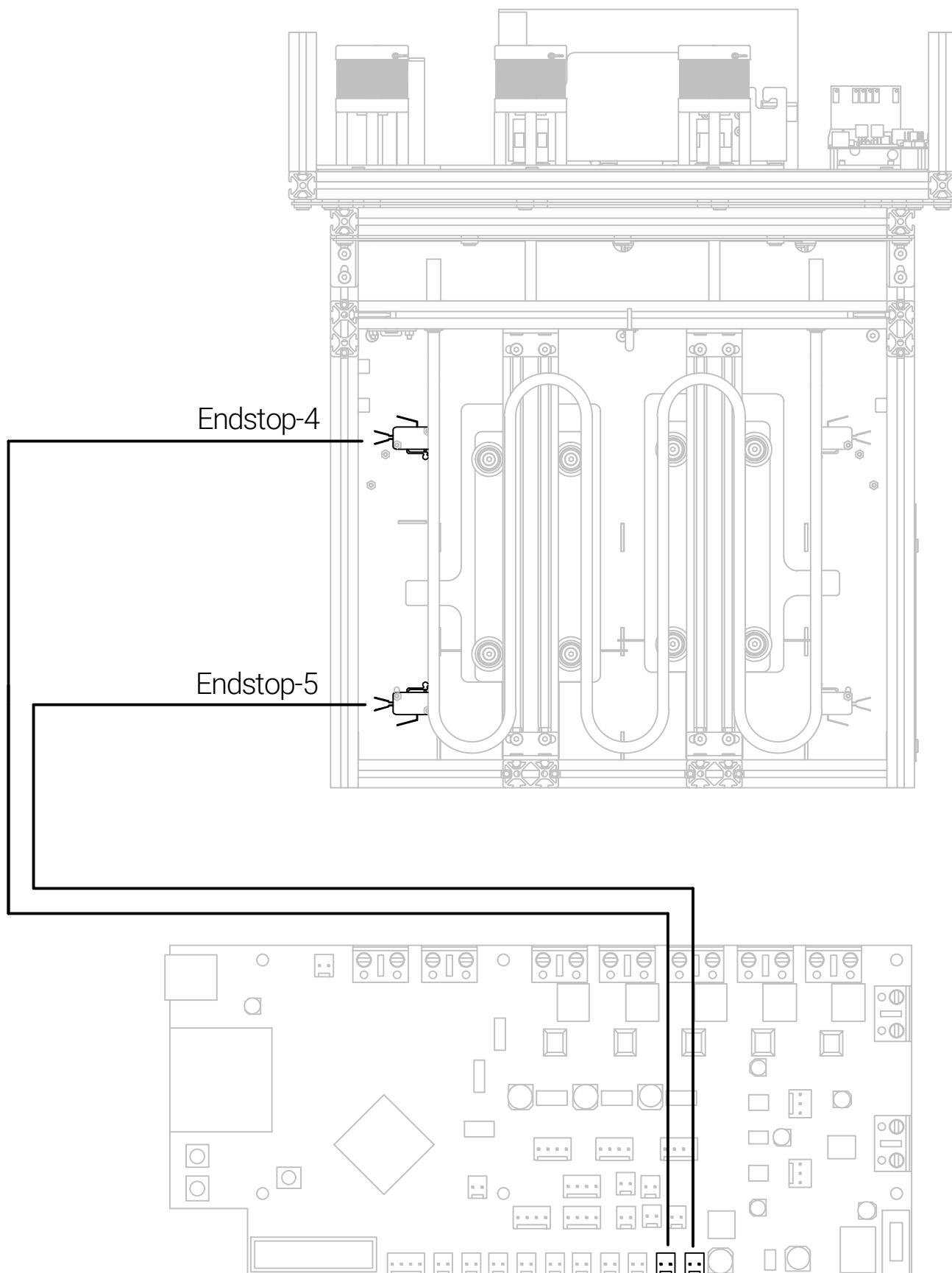
Galvo-X-Axis

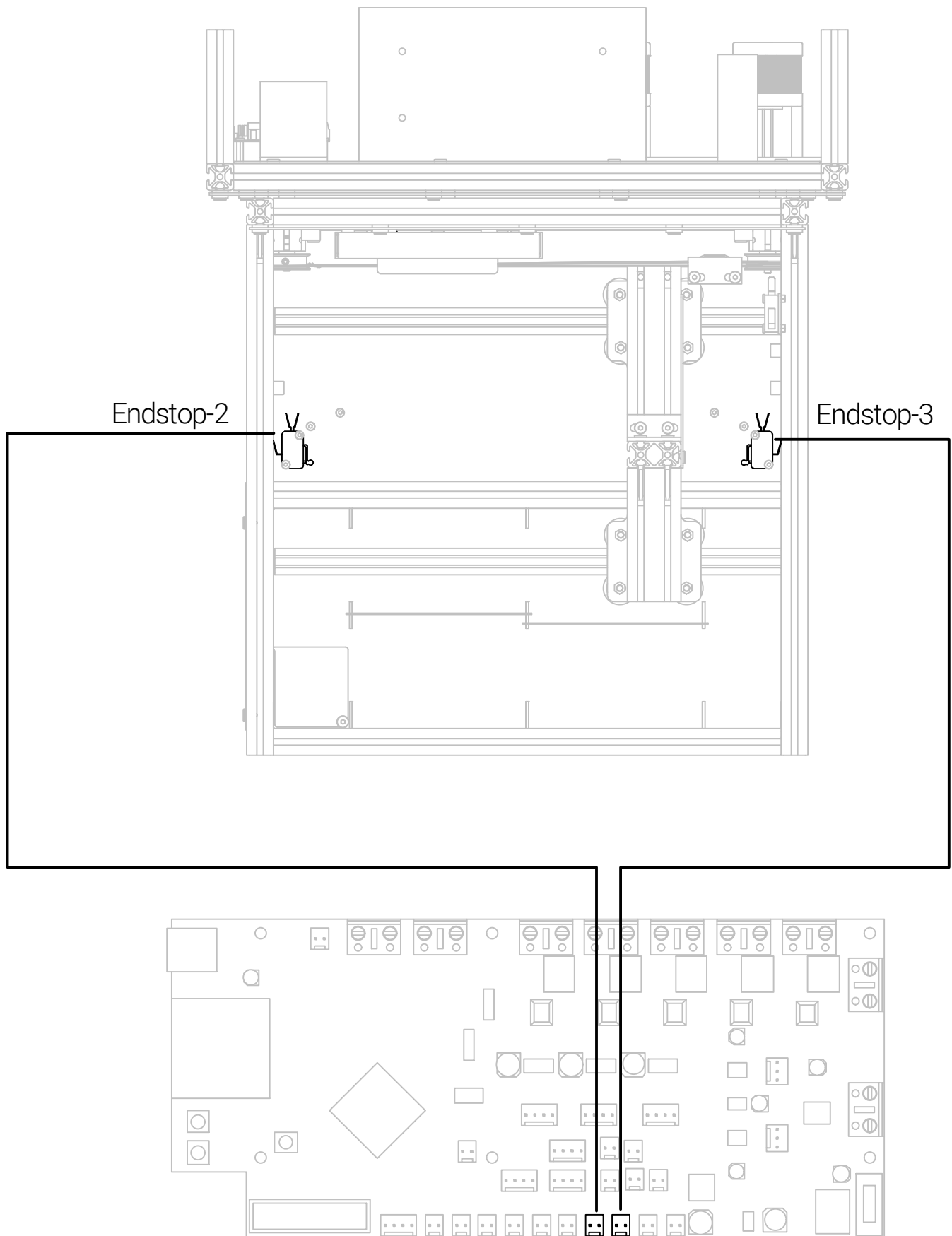
Endstops overview



E008

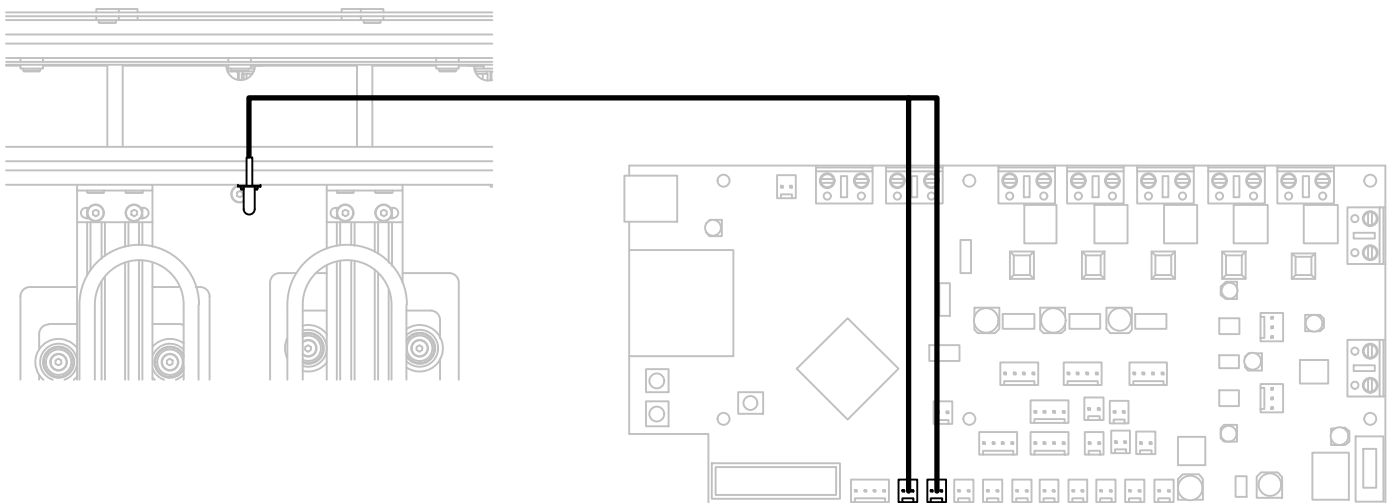
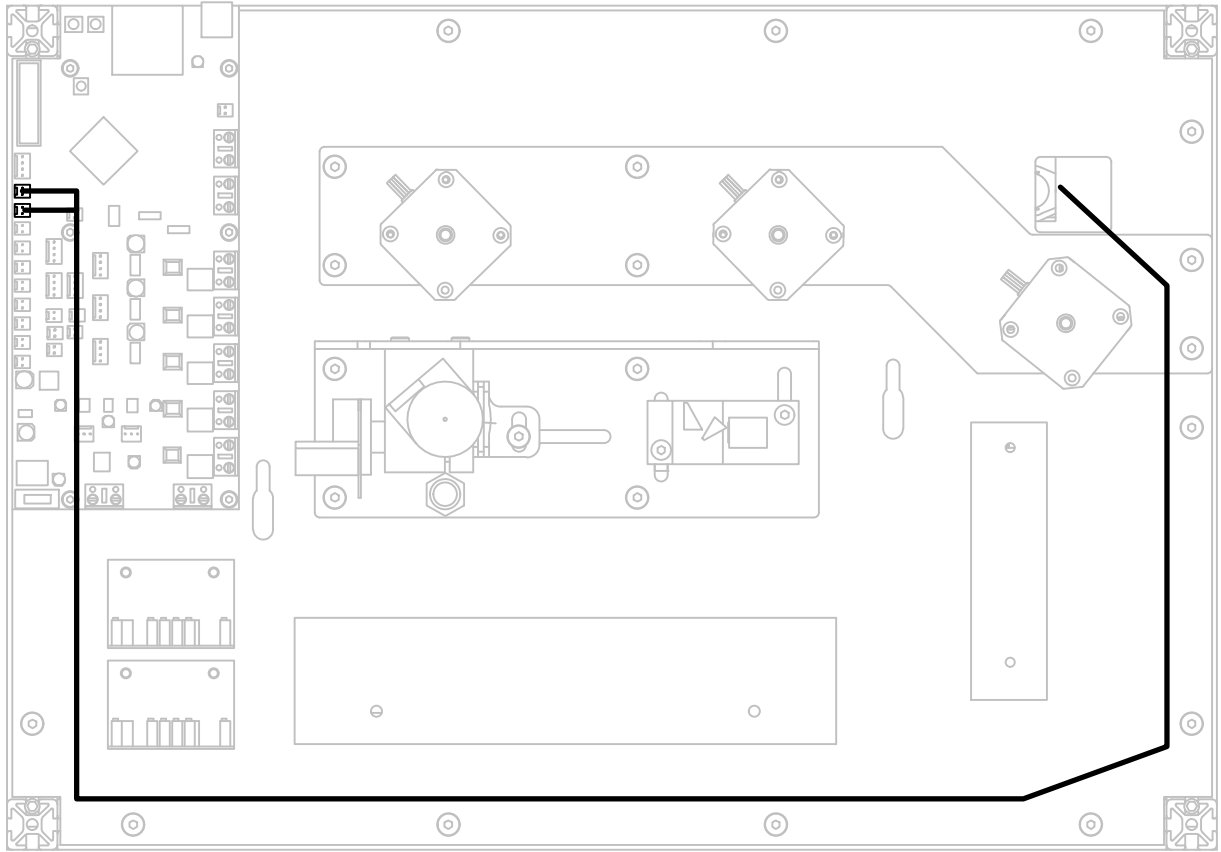






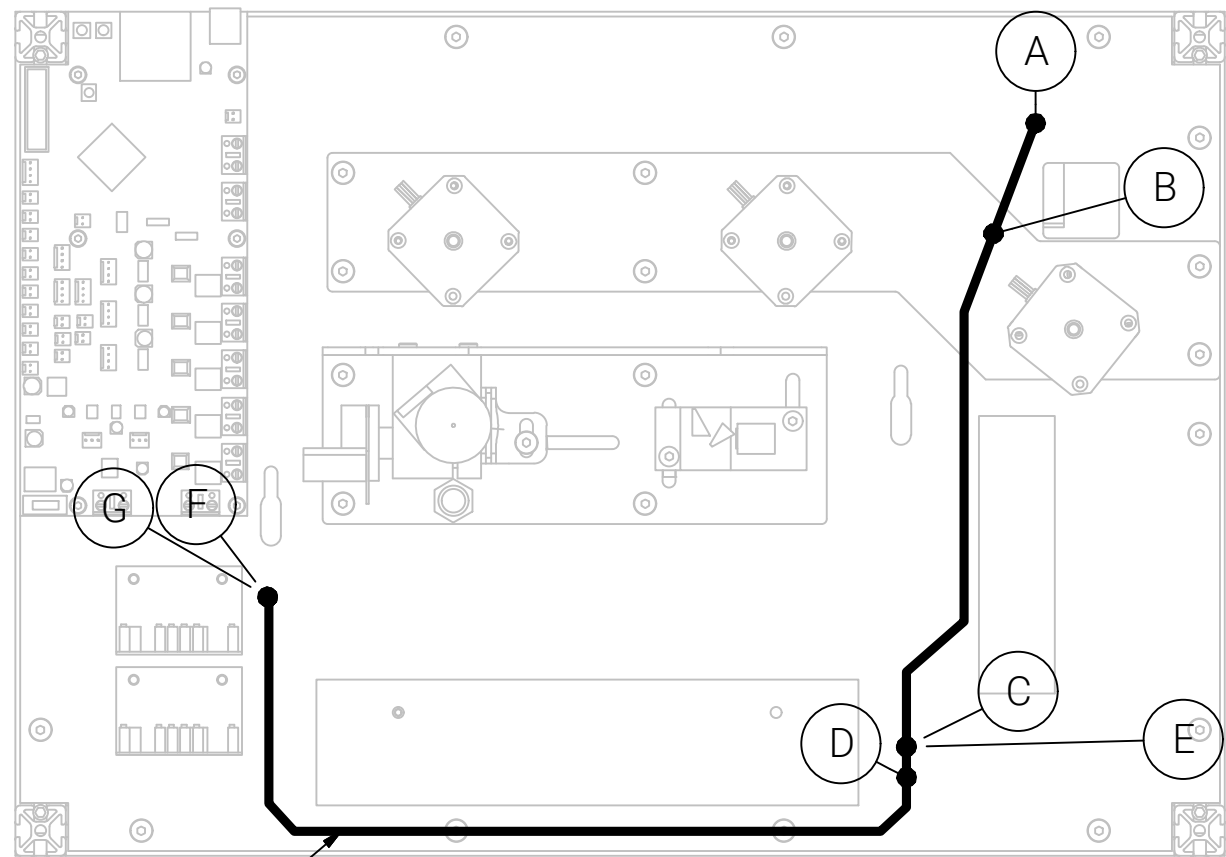
Thermistors

E009

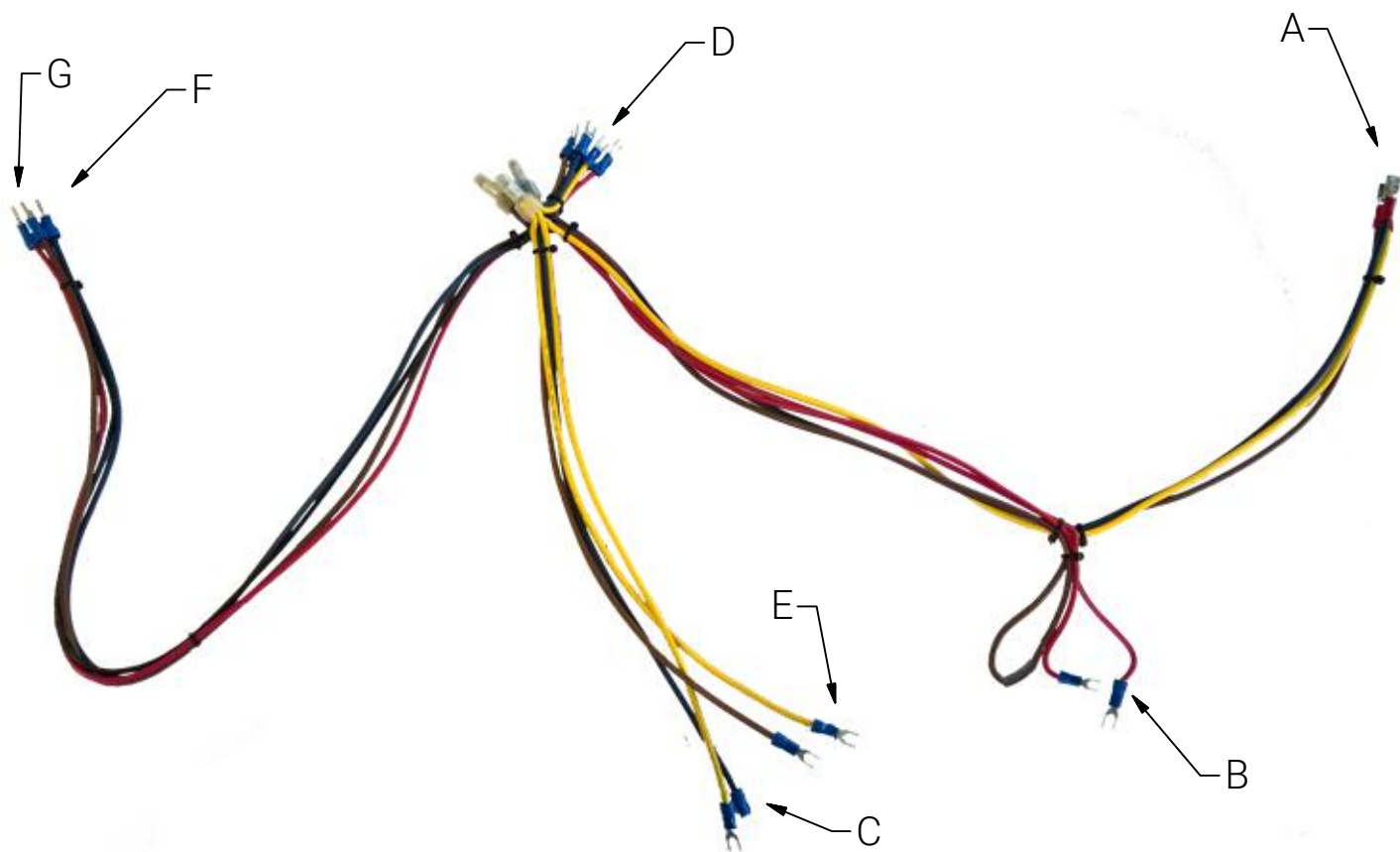


Power Connection - Overview

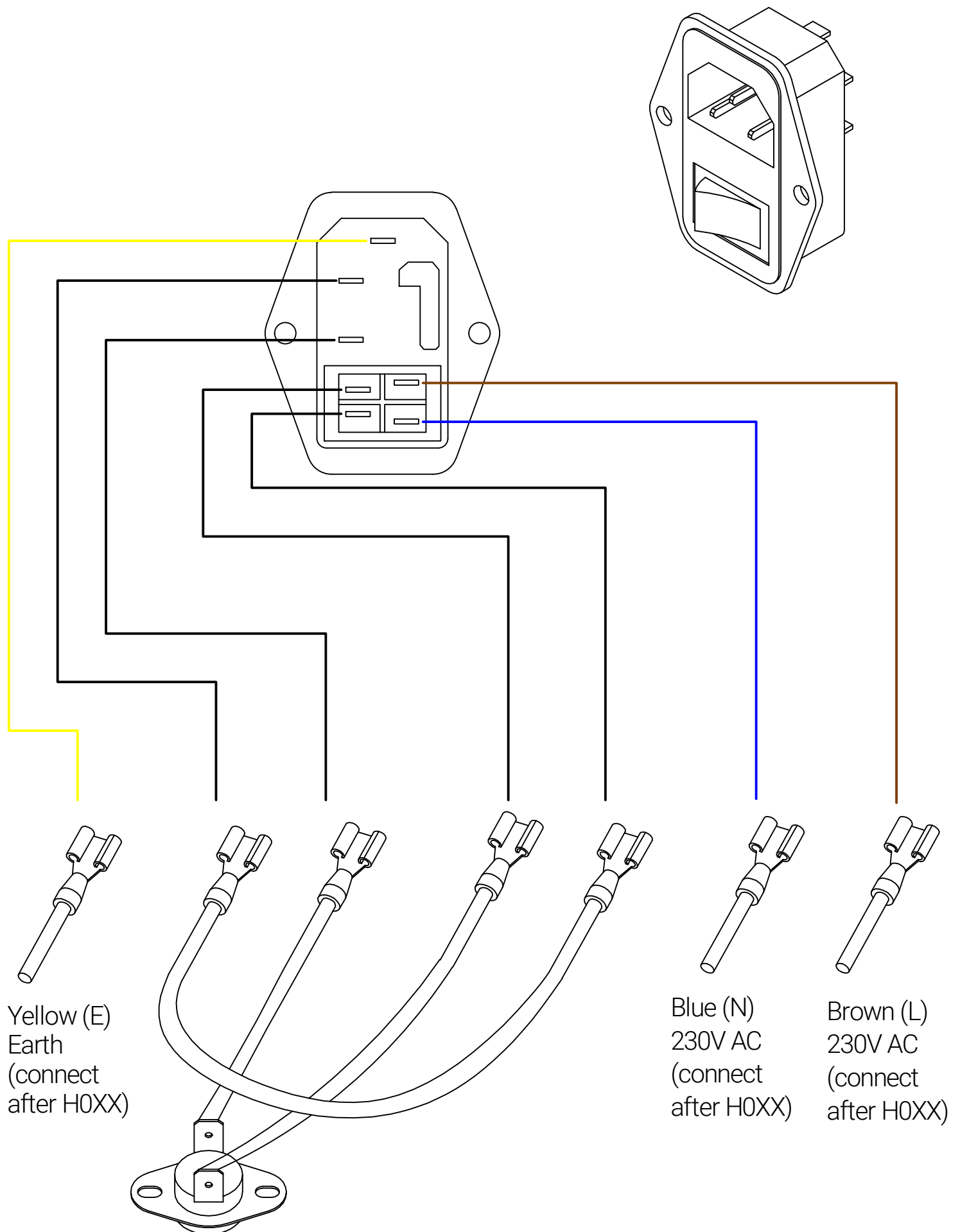
E010



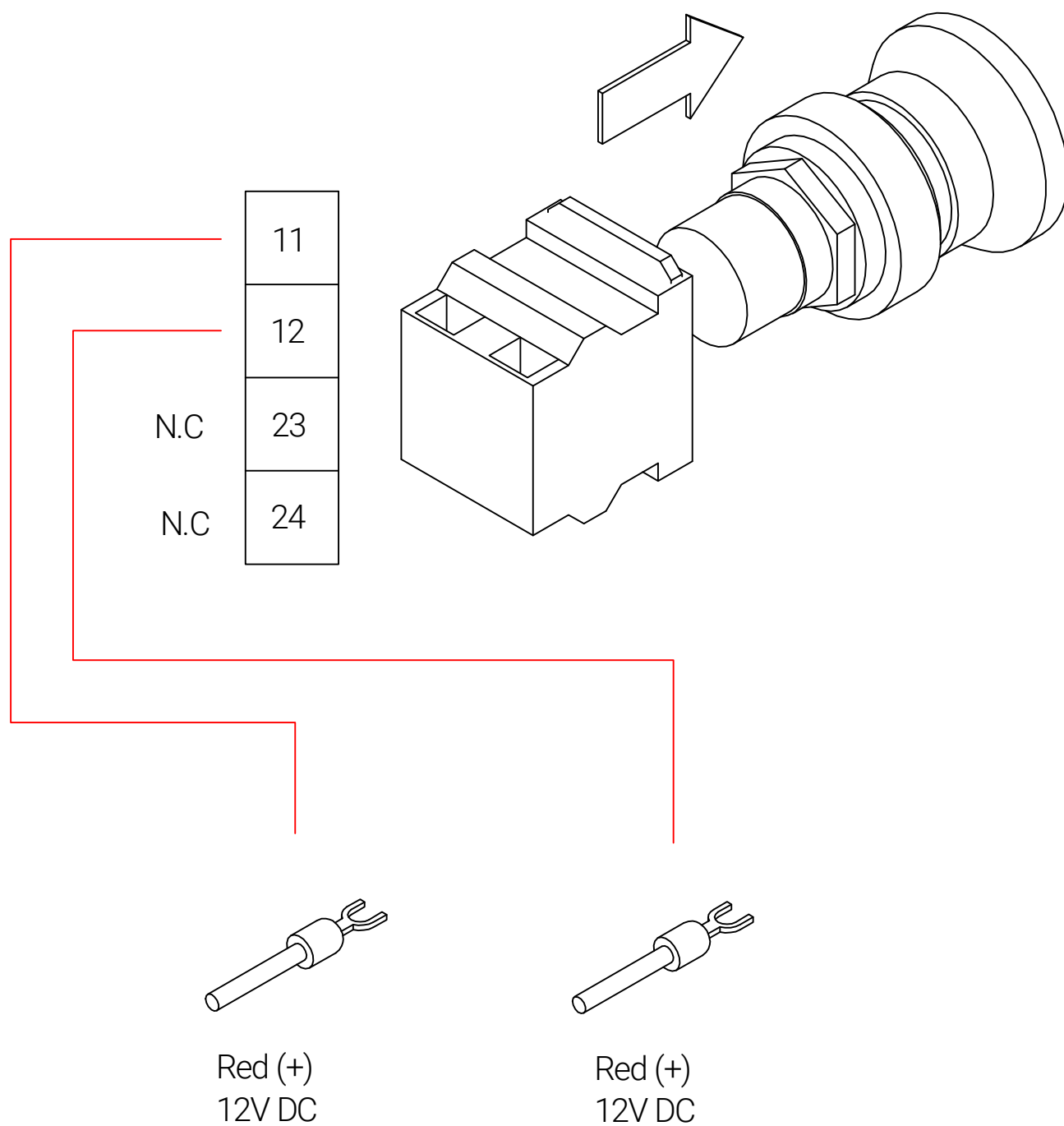
Wire Harness



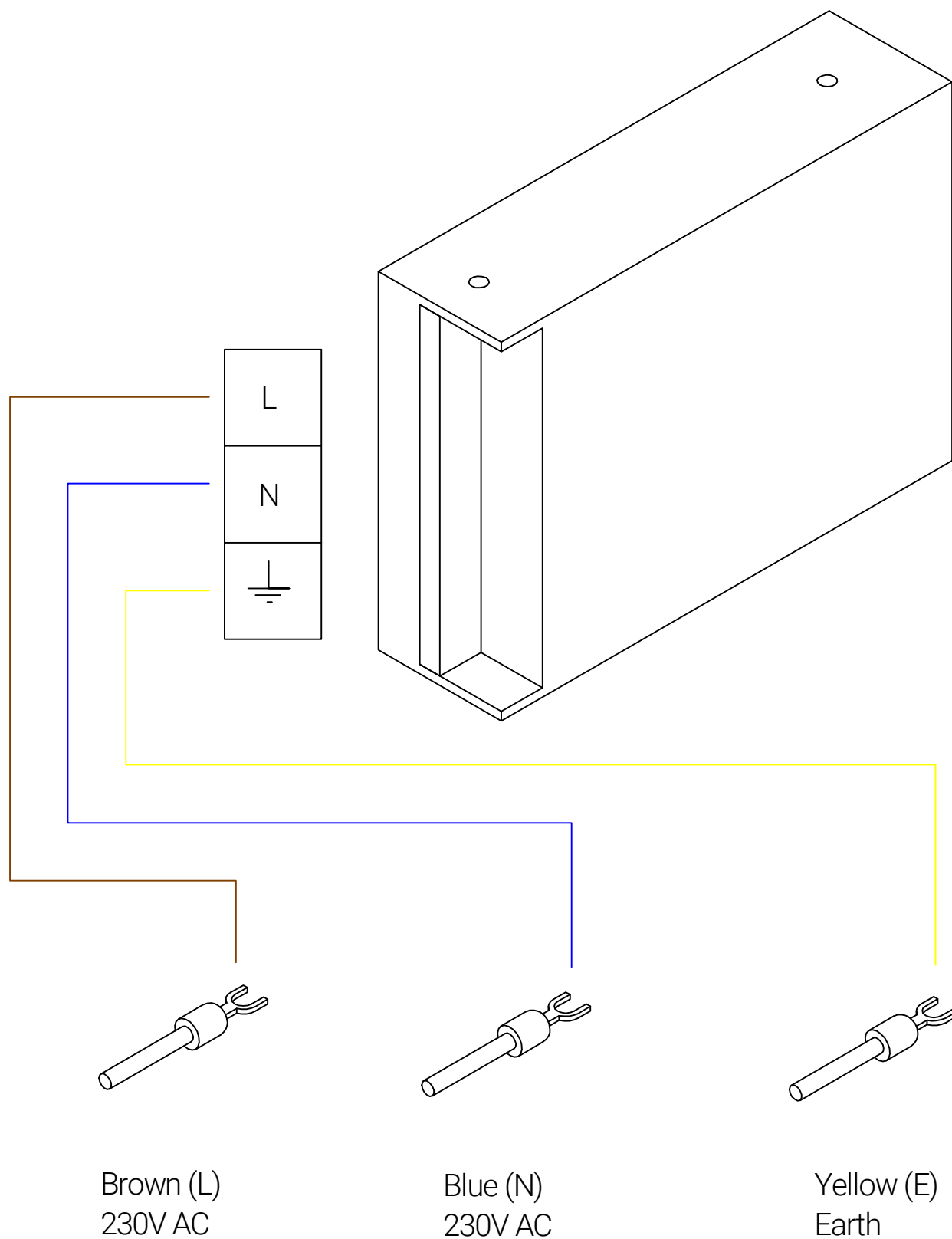
Power Connection - Detail A



Power Connection - Detail B

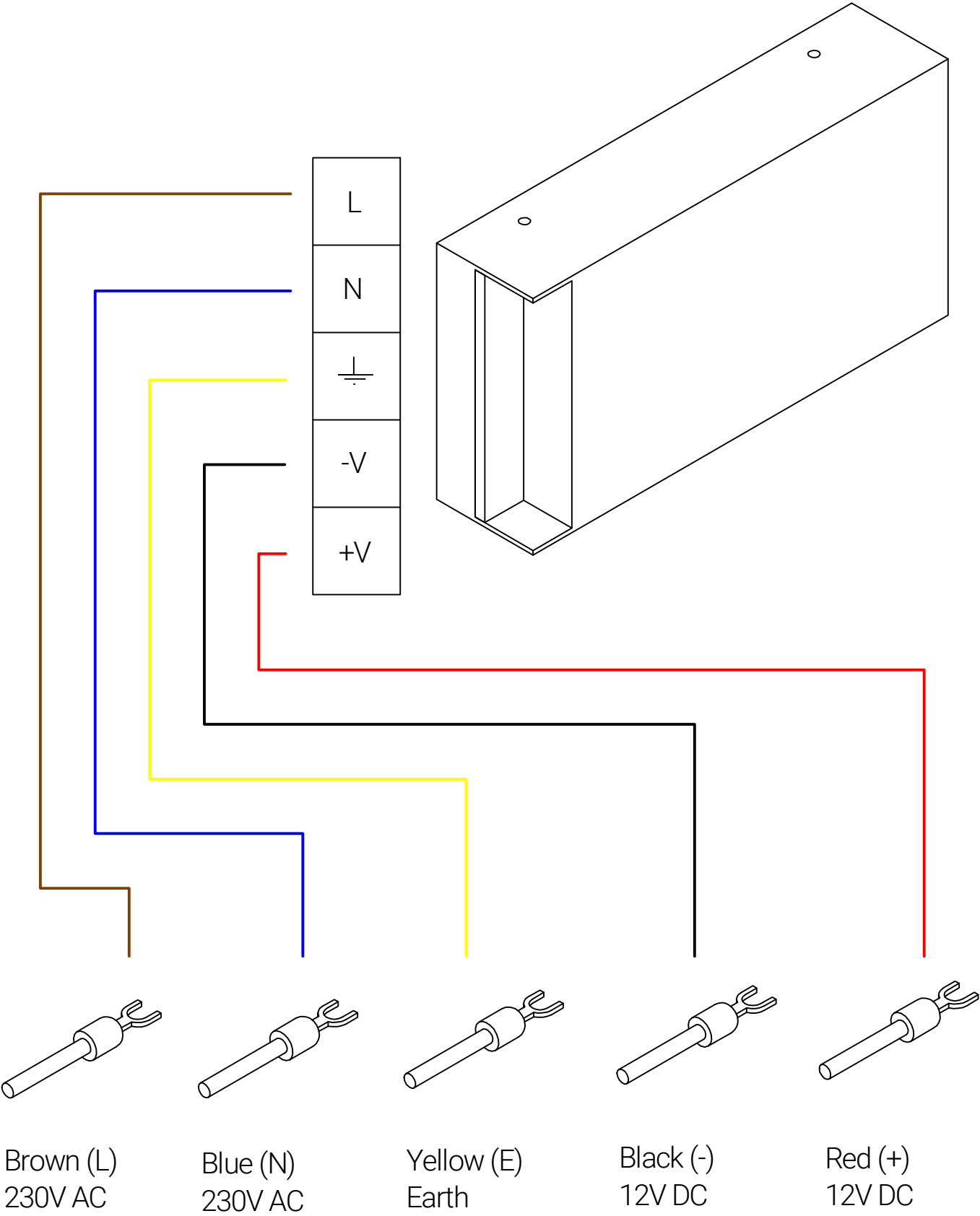


Power Connection - Detail C

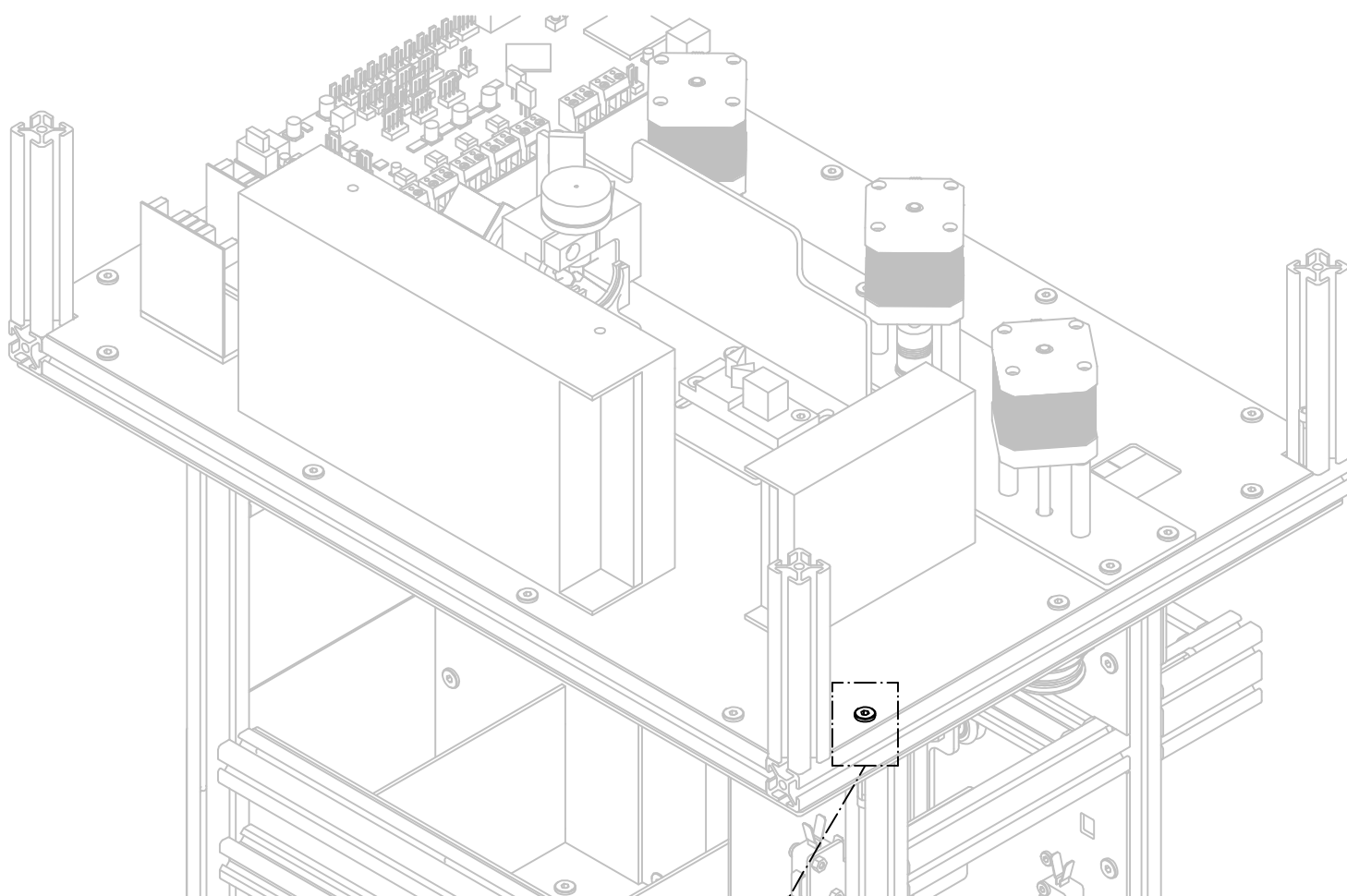


Power Connection - Detail D

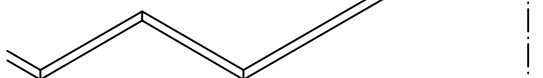
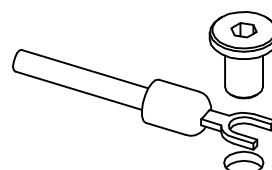
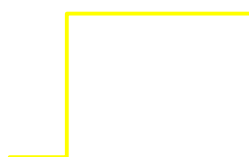
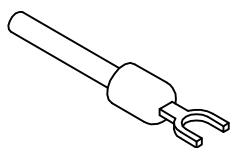
E010



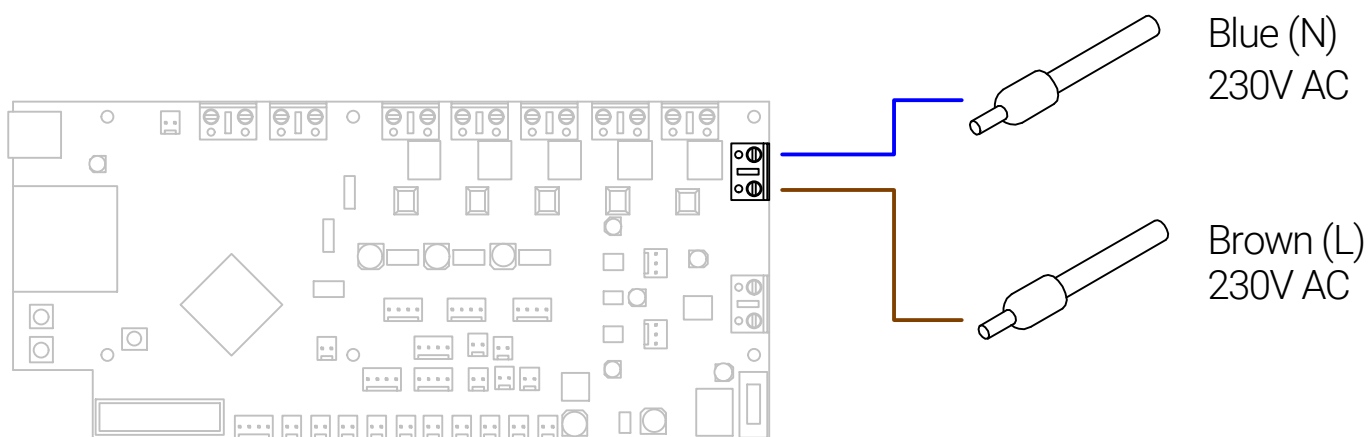
Power Connection - Detail E



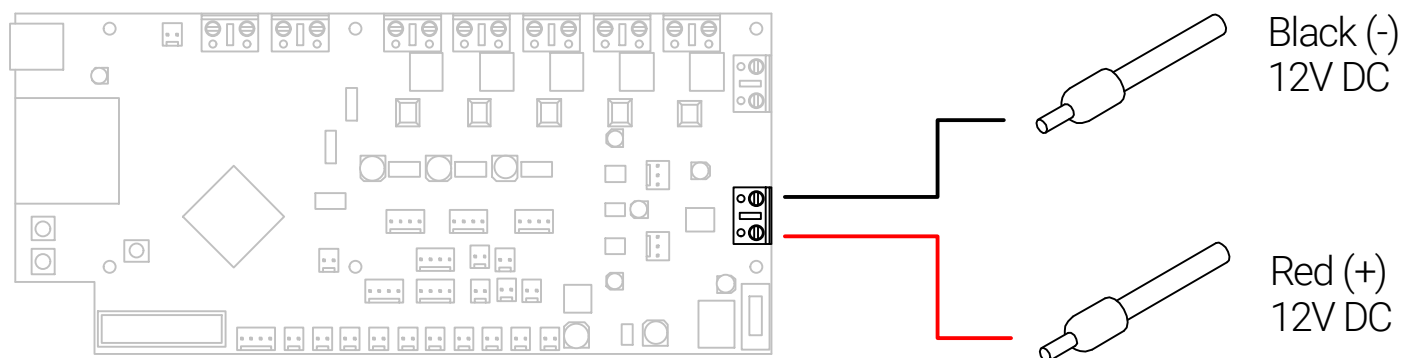
Yellow (E)
Earth



Power Connection - Detail F



Power Connection - Detail G

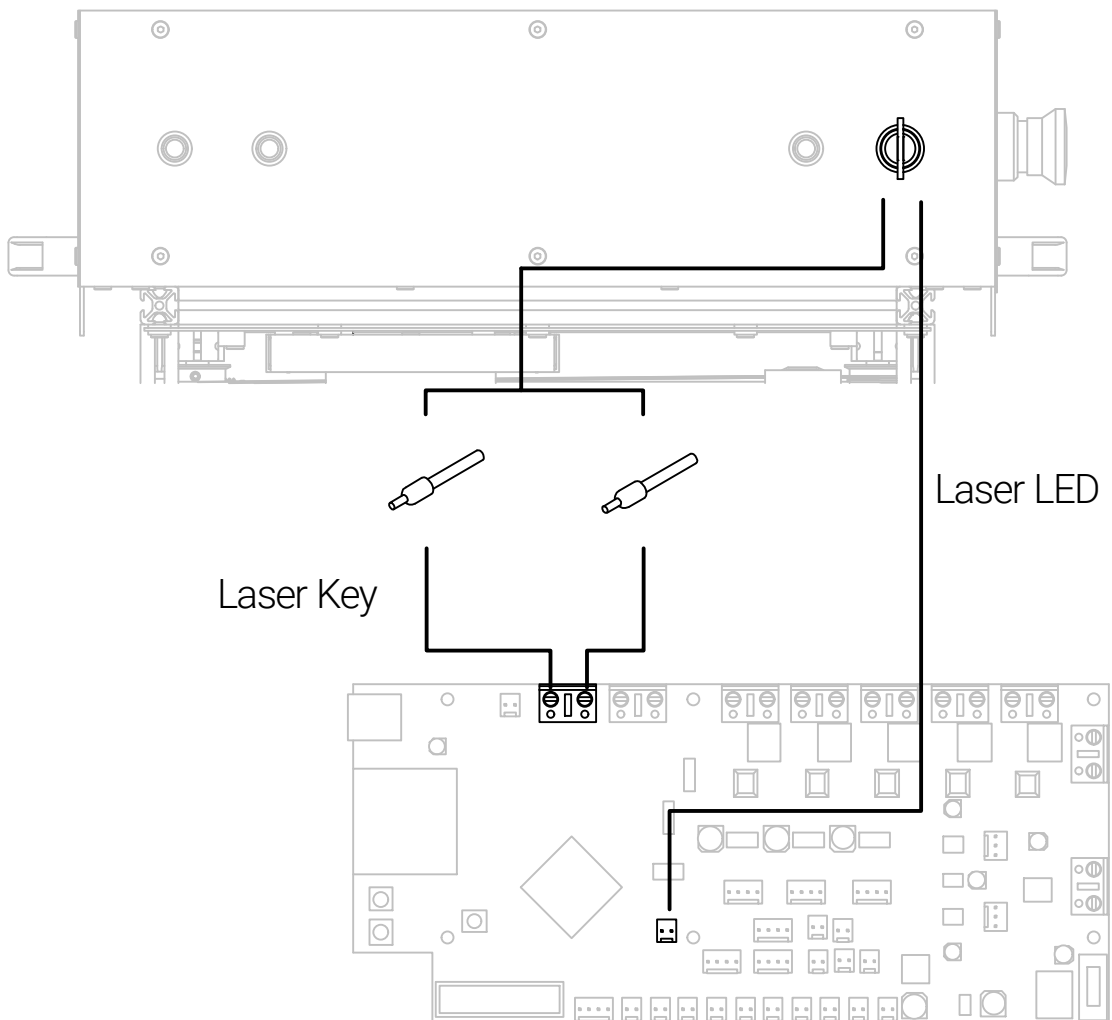
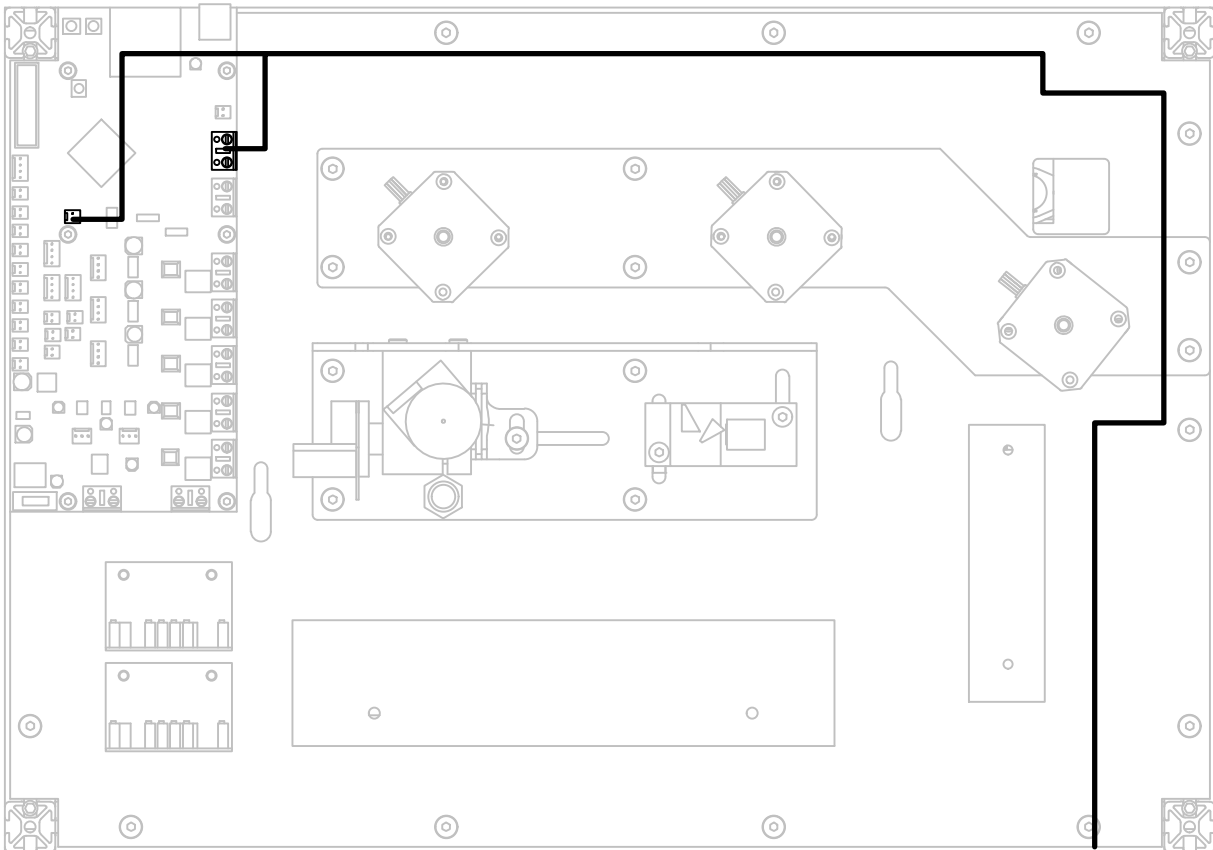


[EN] Proceed to Hat Assembly Guide (H020).

[DE] Fahren Sie mit der "Hat" Anleitung weiter (H020).

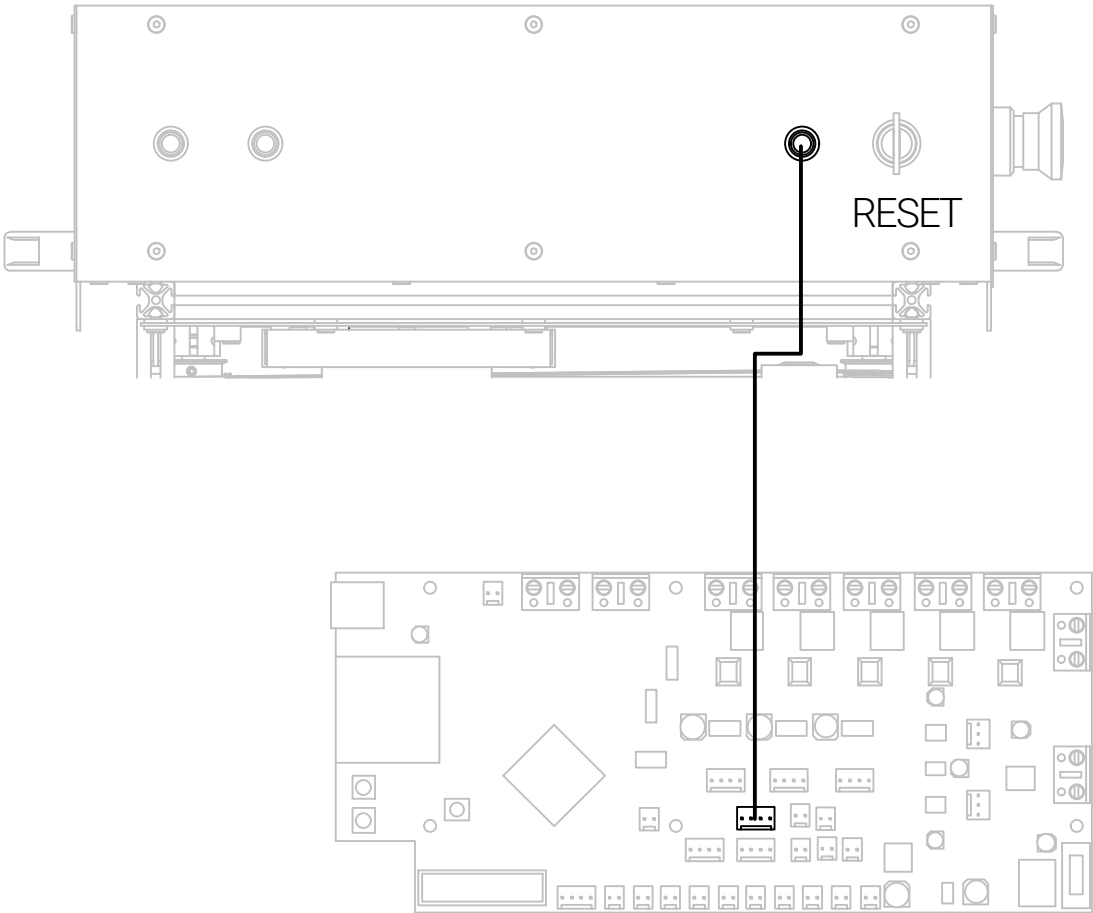
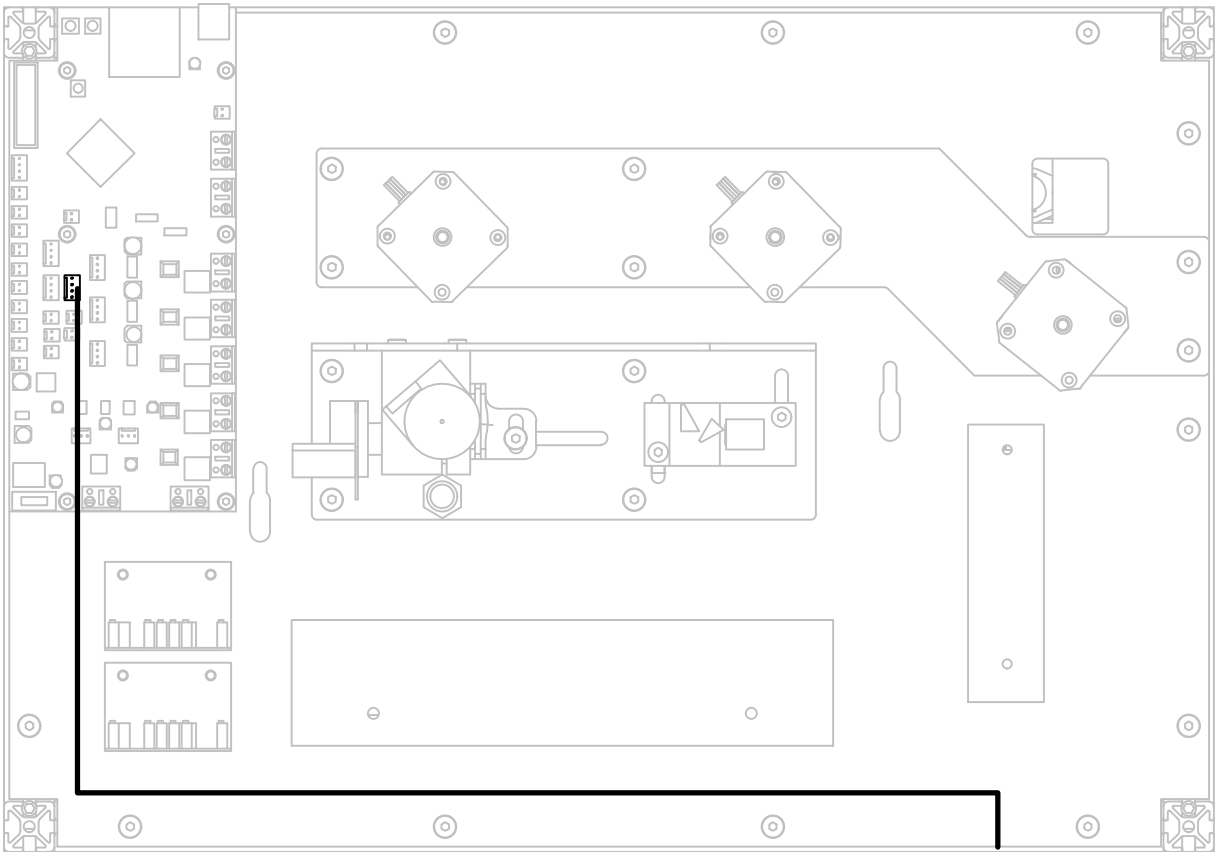
Laser key

E011



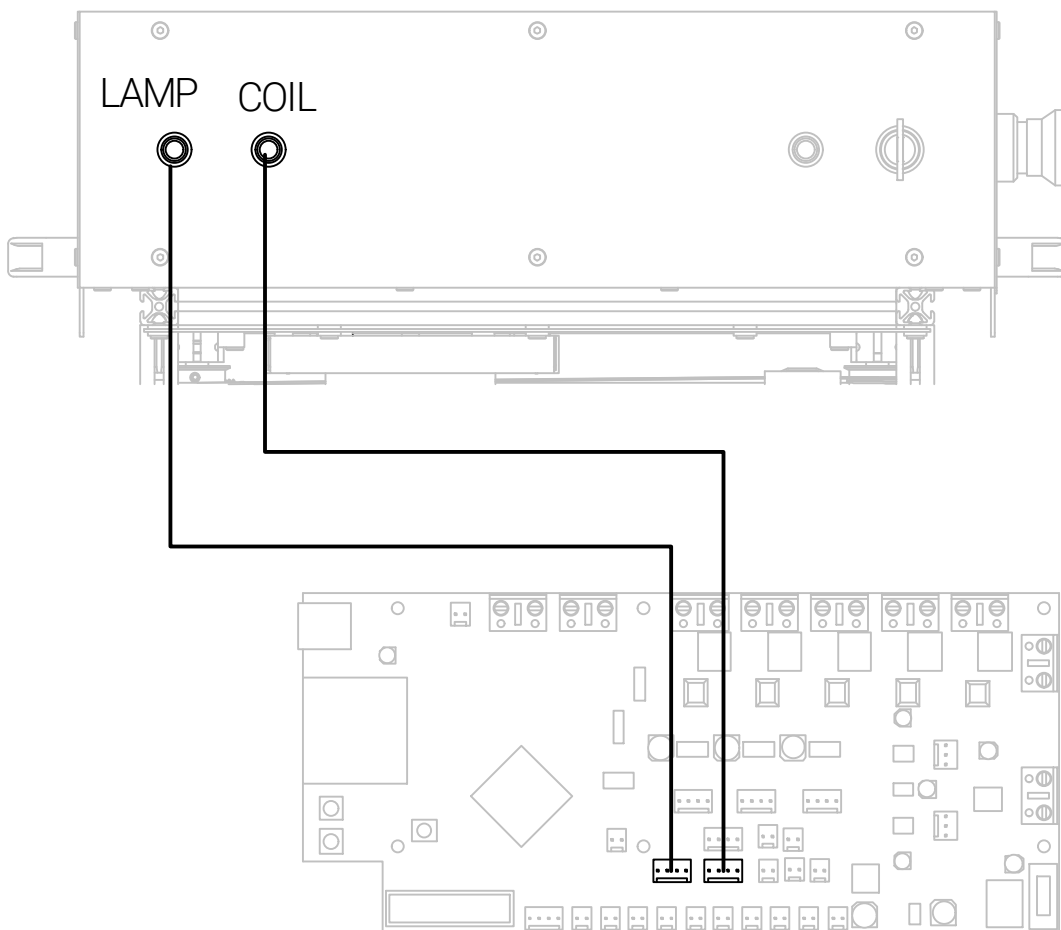
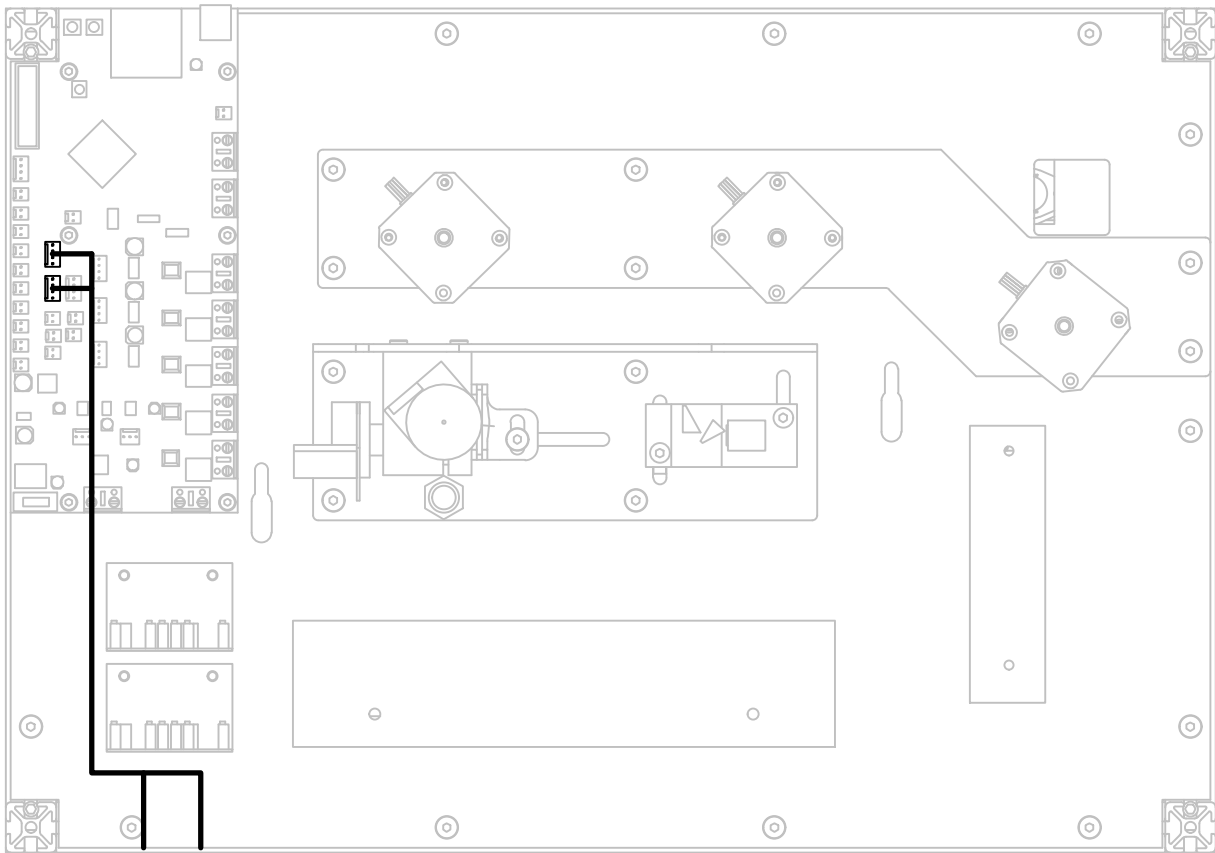
Reset button

E012



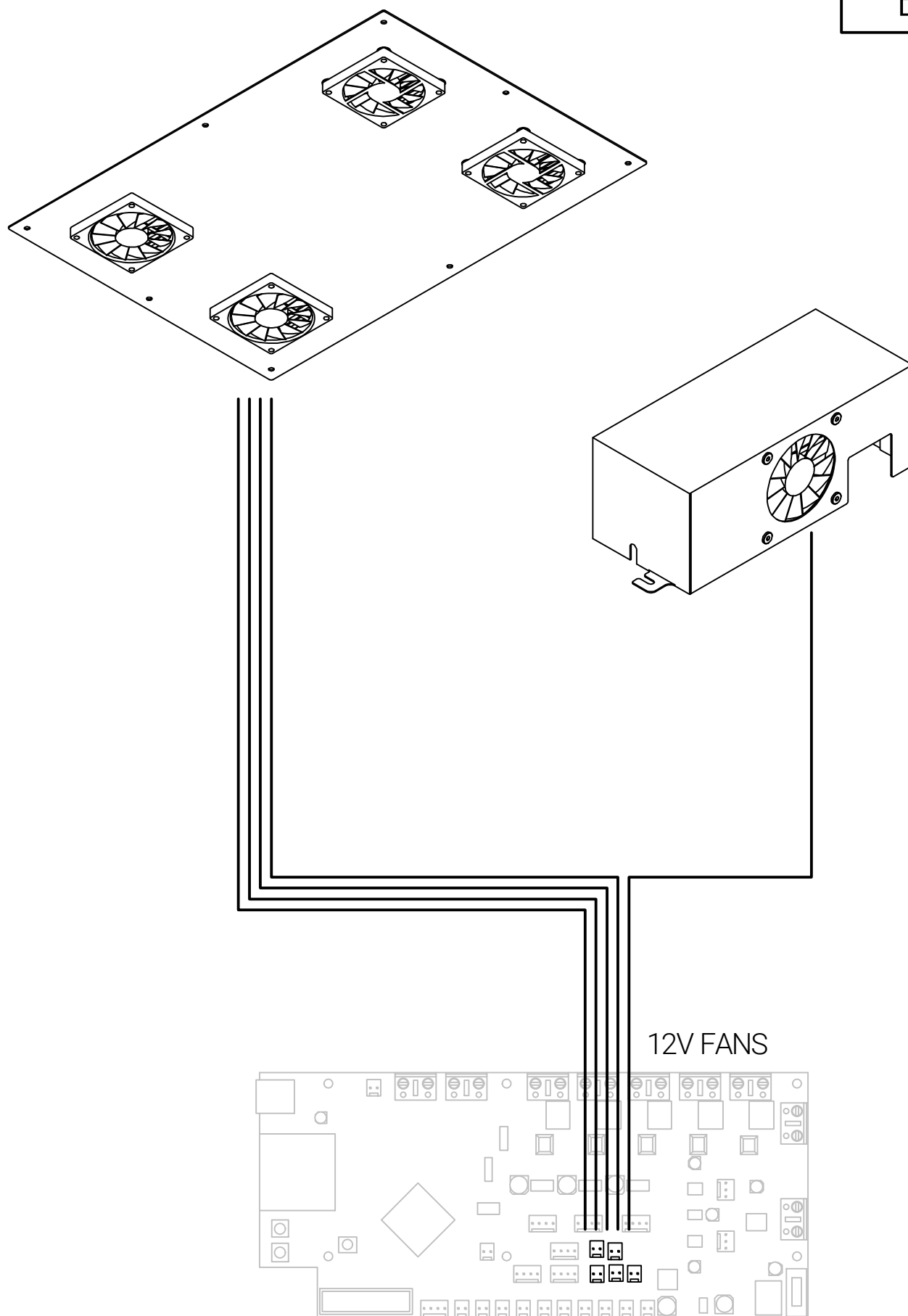
Panel buttons

E013



[EN] Proceed with Initial Commissioning Guide (IC01).

[DE] Fahren Sie mit der Initial Commissioning Guide weiter (IC01).



[DE] Diesen Schritt erst nach dem Kalibrieren ausführen

[EN] Do this step after Initial Commissioning