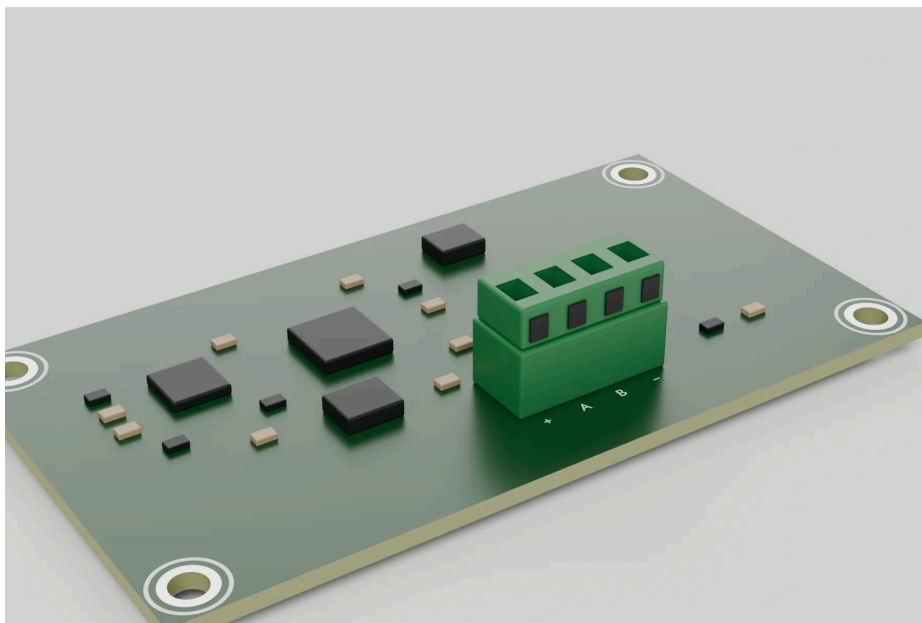


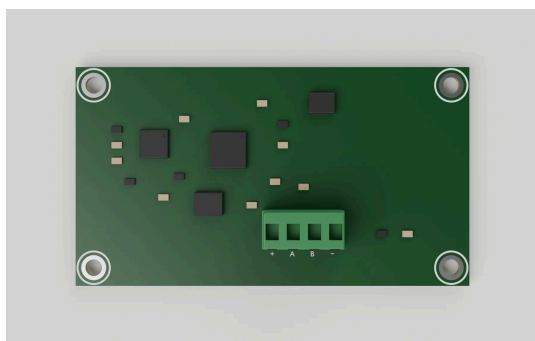
EVSE-X-NFC SHIPPED

NFC card reader (Modbus)

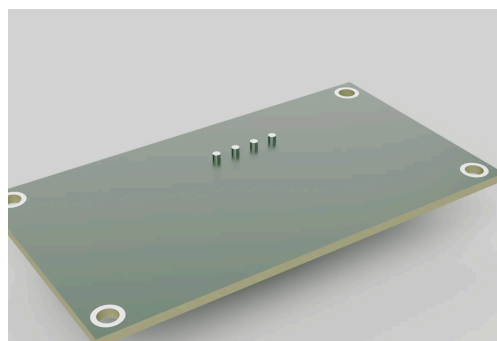
An optional card reader that mounts inside the charger box, with its antenna side against the lid, so cards are read through the lid. It reads ISO/IEC 14443 cards and connects to the Modbus line with four wires. Use it with any card as a local lock and unlock, or with a Dutch laadpas over OCPP.



76 × 42 mm board, parts side: 4-pole Modbus terminal and four corner holes



Parts side from above



Flat antenna side: this side goes against the inside of the lid

IN SHORT

Flats and VvE car parks where each user pays for their own kWh; company car parks that should not charge the neighbours' cars; Plaza Charge poles; and any charger that must accept a public charge card.

PRICE on request; in stock

CAD STEP and drawing: edgetech.eu/cad/evse-x-nfc.step

KEY FACTS

SPECIFICATION	VALUE
Function	Reads NFC cards through the lid of the charger box and passes the card ID over Modbus
Cards	ISO/IEC 14443 (NFC-A); identified by the card's UID
Connection	4-pole terminal: +12 V, A, B, GND (marked + A B –), on the Modbus RS-485 line of the charger
Mounting	Inside the box, flat antenna side against the inside of the plastic lid; no hole in the lid needed; 4 × Ø3.2 mm corner holes
Dimensions	Board 76 × 42 mm; 12 mm high overall
Wiring clearance	Leave 25 mm free in front of the terminal for the wires
Modes	Local whitelist (no back-office), or Dutch laadpas over OCPP 1.6J (authorisation and billing by a back-office)
Whitelist	Managed by the owner in the app; number of cards to be confirmed
OCPP path	Depends on OCPP 1.6J being finished into a product for your project (working implementation, not yet deployed)
Made in	Europe

Test it in your project: info@edgetech.eu

Full specifications: edgetech.eu/electronics/evse-x-nfc