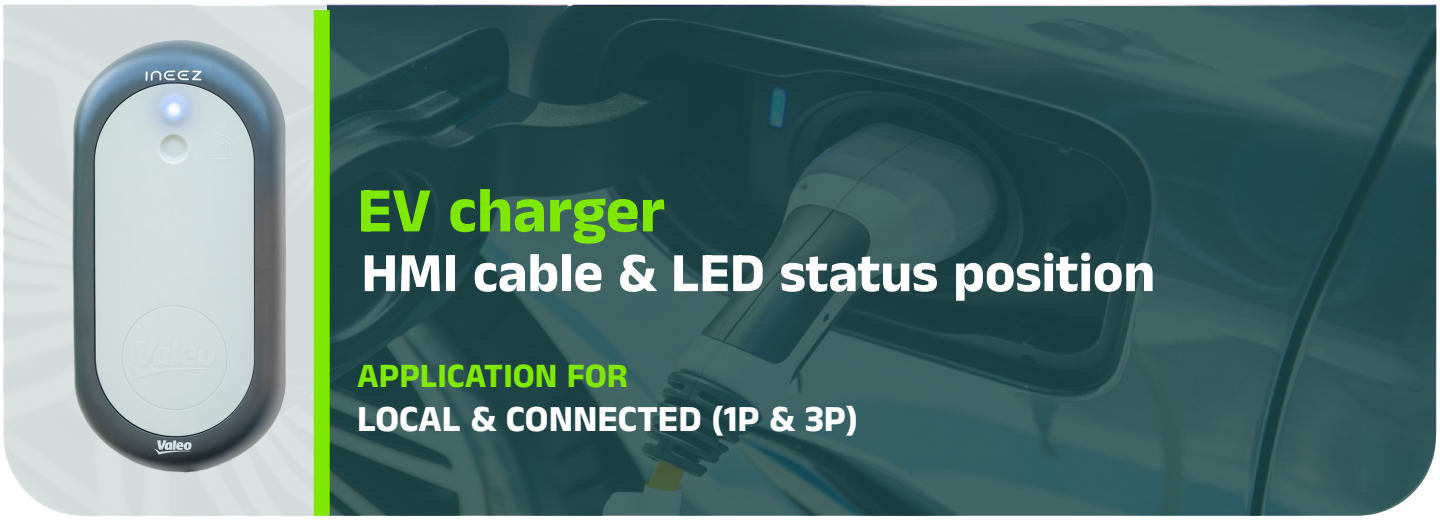
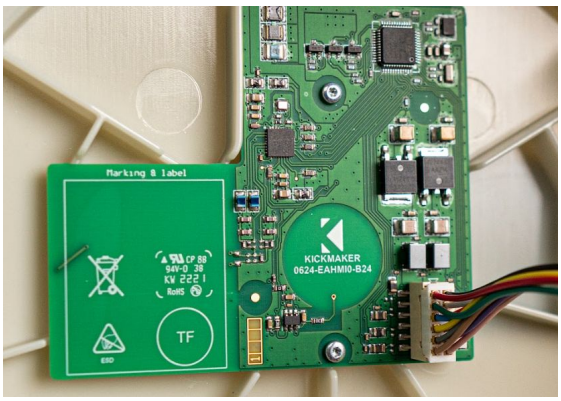



# EV charger
## HMI cable & LED status position

**APPLICATION FOR**
**LOCAL & CONNECTED (1P & 3P)**

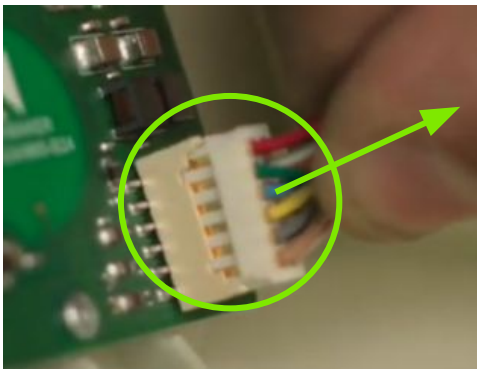
## HMI board & cable description




The HMI board is used the following functions;

- LED lens EV charger status
- RFID identification card

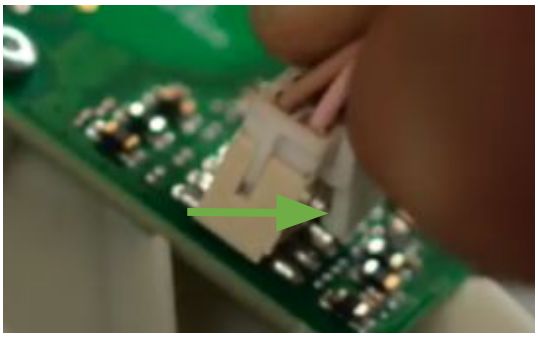
## HMI board & cable pecuation



Normally HMI cable is disconnected from the board as safety precaution. In case the cover drop accidentally from the installer to avoid damaging the system.

BUT take in consideration sometime it could be connected, so remove the cover with high **CARE**.

# HMI cable service point



- The HMI cable it have a safety pin to avoid being disconnected when operating the EV charger.
- When removing you need to **depress the safety pin** to disconnect the cable from board as shown in picture
- When installing the cable it has a **dedicate** direction to be connected

# LED light color identification

- The purpose of LED colored light is to identify the status of the EV charger.
- Having 10 patterns to show the current status of EV charger.
- Hereunder the table of those patterns.

| Functionality | Initialisation |
|---|---|
| **Time** |   |
| **LED pattern** |  |

| Functionality | Booting |
|---|---|
| **Time** |   |
| **LED pattern** |  |

| Functionality | EVSE Available |
|---|---|
| **Time** |   |
| **LED pattern** |  |

# LED light color identification

| Functionality | Vehicle connected |
|---|---|
| Time |   |
| LED pattern |  |

| Functionality | Charging |
|---|---|
| Time |   |
| LED pattern |  |

| Functionality | Out of service |
|---|---|
| Time |   |
| LED pattern |  |

| Functionality | Wait RFID (EV connected) |
|---|---|
| Time |   |
| LED pattern |  |

| Functionality | RFID declined |
|---|---|
| Time |   |
| LED pattern |  |

| Functionality | Wi-Fi hotspot open |
|---|---|
| Time |   |
| LED pattern |  |

# LED light color identification

| Functionality | OCPP booked |
|---|---|
| Time |   |
| LED pattern |  |

| Functionality | OCPP not connected |
|---|---|
| Time |   |
| LED pattern |  |