

# Charge Control F

## Introduction

Charge Control F adds DIN 70121 and ISO 15118 functionality to the EVSE side. It provides all core functionalities to enable chargers the high-level communication with a CCS enabled EV.

The controller is equipped with a QCA7006 and a powerful Cortex M4 running a state-of-the-art Real-Time Operating System with our complete SW stack included. It will provide your charger with all the necessary parameters from the EV.

## Key Features

- based on the reliable Charge Module E software
- suitable for direct connection to the CP signal in electric vehicle charging
- external 12 V to 24 V power supply
- CE
- AC and DC charging protocol
- Plug-and-Charge
- Bidirectional charging
- Available in DIN rail case or without as single PCB

## Application

Communication controller for EVSE

## Operational

Parameter	Value
Temperature range	-40 °C to +85 °C
RoHS / REACH	Compliant
Power supply	12 V to 24 V
Power consumption	max. 4 W
DIN Rail outline dimension [mm]	25 x 102.9 x 118



## Interfaces

- CAN
- RS232
- Power supply connector
- Charging connector for CP, PP, PE
- GPIOs