

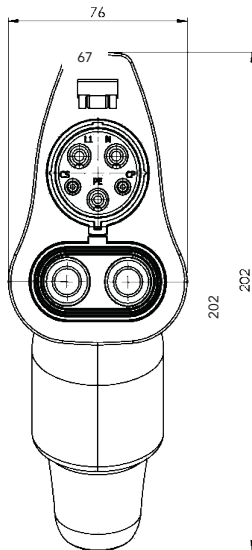
CCS 1 DC FAST CHARGE CONNECTOR



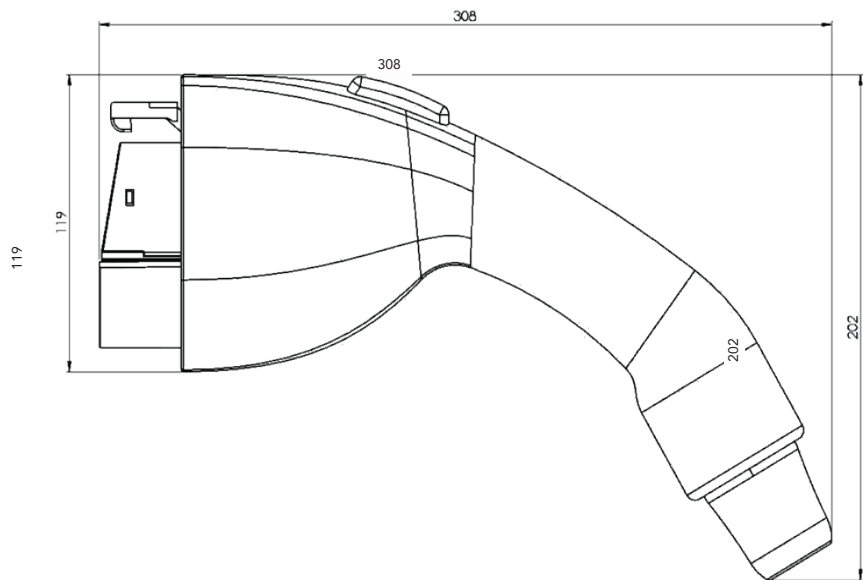
Product Features and Benefits

- > Certified compliance to Standards: IEC 62196-1: 2014 and IEC 62196-3: 2014, UL 2251: 2013, 3rd Ed. and SAE J1772™: 2017
- > Specifically designed for use in Combined Charging System applications
- > Utilizes REMA proprietary silver plated contacts for long-life durability
- > Configurable to meet customer special requirements

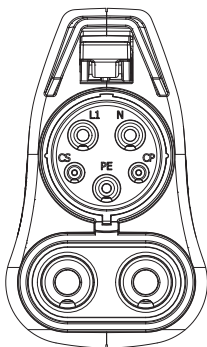
1. DIMENSIONAL DATA



CONNECTOR FRONT VIEW



CONNECTOR SIDE VIEW



CABLE COLOR	CONNECTION	COND. SIZE REV-C1-65c	COND. SIZE REV-C1-150c	COND. SIZE REV-C1-200c	COND. SIZE REV-C1-300c
Red	DC+	8AWG	2AWG	1AWG	2x 50mm ²
Black	DC-	8AWG	2AWG	1AWG	2x 50mm ²
Green	PE	8AWG	6AWG	6AWG	6AWG
White	CS	16AWG	16AWG	16AWG	16AWG
Blue	CP	16AWG	16AWG	16AWG	16AWG
Orange	Thermal Sensor	16AWG	16AWG	16AWG	16AWG
Brown	Thermal Sensor	16AWG	16AWG	16AWG	16AWG

2. TECHNICAL DATA

MODEL	REV-C1-65c	REV-C1-150c	REV-C1-200c	REV-C1-300c
> Operating Voltage U_N DC	1000 V DC	1000 V DC	1000 V DC	1000 V DC
> Current carrying capacity	65 A	150 A	200 A	300 A
> DC Conductor Cross Section	8 AWG	2 AWG	1 AWG	1 AWG
> PE Conductor Cross Section	8 AWG	6 AWG	6 AWG	6 AWG
> Signal Contact Conductor Cross Section	16 AWG	16 AWG	16 AWG	16 AWG
> Coding Resistance	480/ 150 Ω Latching lever active /passive	480/ 150 Ω Latching lever active /passive	480/ 150 Ω Latching lever active /passive	480/ 150 Ω Latching lever active /passive
> Environmental Protection	IP44	IP44	IP44	IP44
> Temperature range	-30 °C ... +40 °C	-30 °C ... +40 °C	-30 °C ... +40 °C	-30 °C ... +40 °C
> Lifetime	> 10.000 Cycles	> 10.000 Cycles	> 10.000 Cycles	> 10.000 Cycles
> Cable Length (Custom lengths available upon request)	up to 7,5 m	up to 7,5 m	up to 7,5 m	up to 7,5 m
> Cable Diameter (Nominal)	24 mm	32 mm	35 mm	39 mm
> Temperature Sensor	PT 1000	PT 1000	PT 1000	PT 1000
> Contact	Conductive copper silver plated	Conductive copper silver plated	Conductive copper silver plated	Conductive copper silver plated

STANDARDS

- > UL 2251: 2013, 3rd Ed.
- > IEC 62196-3: 2014, IEC 62196-1: 2014
- > SAE J1772™ : 2017

> Further technical data available on request