

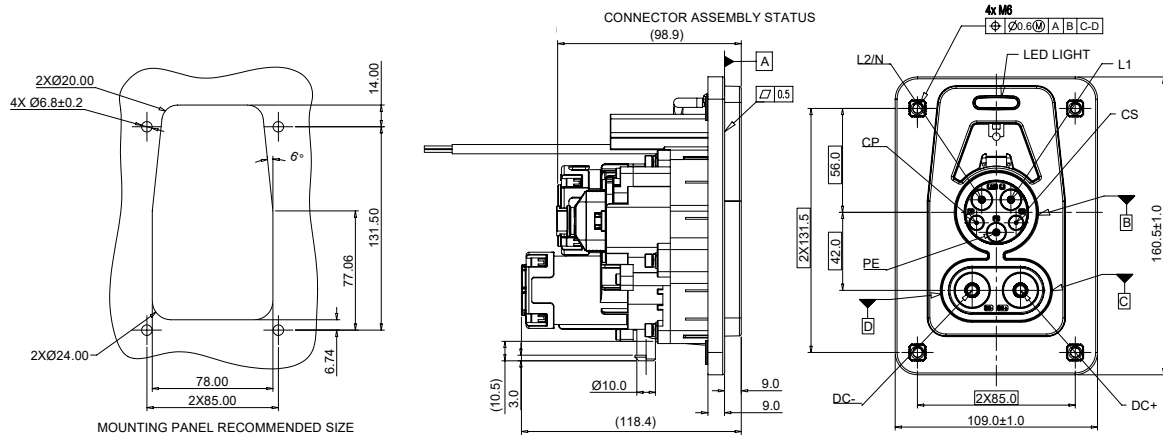


KEY FEATURES:

Compliant with:
 IEC 62196-1
 IEC 62196-2
 IEC 62196-3
 UL2251
 SAE J1772

MECHANICAL	
Mating cycles	> 10,000 cycles (unloaded)
Insertion / withdrawal force	< 100N
ELECTRICAL	
Rated current	80A AC Max 300A to 500A DC (peak:800A)
Rated voltage	240V AC 1000V DC
Temperature sensor	PT1000 The two power contacts DC+ and DC- are monitored by temperature-dependent resistor sensors
ENVIRONMENTAL	
Protection degree	IP44(plugged in), IP55 (road position), IP67 (inner area of inlet)
Ambient temperature	-30°C to 50°C
MATERIAL	
Shell	Thermoplastic
Contact	Copper alloy
Inserts	Thermoplastic
Sealing gasket	Rubber or silicon rubber
Insulator inflammability	UL94V0

CCS1 VEHICLE INLET VERSION B | AC+DC DIMENSIONS



Rated voltage and current	Functions
240V 80A, 48A	L1
240V 80A, 48A	L2/N
-	PE (Protective Ground/Earth)
1000V 500A, 400A, 300A	DC+
1000V 500A, 400A, 300A	DC-
30V 2A	CP (Control pilot)
30V 2A	PP (Proximity)

CCS1 Vehicle inlet AC + DC

Socket-inlet



Part Number		
AC	DC	Part Number
240V / 80A	1000V / 500A	HVCOSF040D
240V / 80A	1000V / 400A	HVCOSF041D
240V / 80A	1000V / 300A	HVCOSF042D
240V / 48A	1000V / 500A	HVCOSF046D
240V / 48A	1000V / 400A	HVCOSF047D
240V / 48A	1000V / 300A	HVCOSF048D

Compliant with IEC 62196-1/2/3, UL2251 and SAE J1772

Configuration:

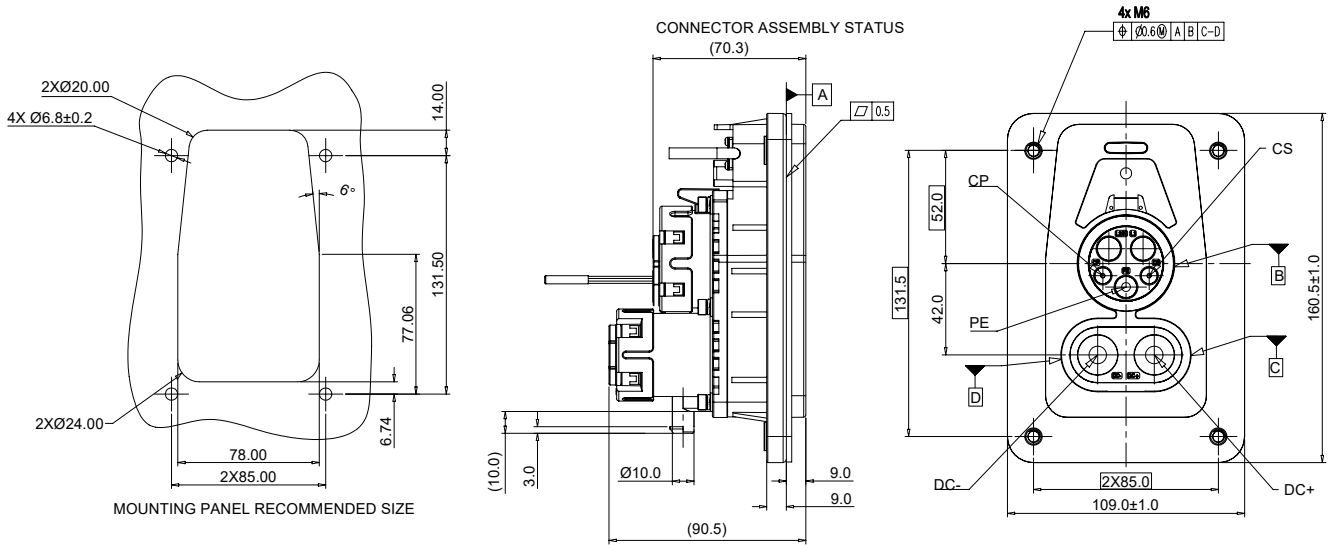
240V | 48A or 80A | 1-phase

1000V | 300A, 400A or 500A

Electronic lock available

12 o'clock

CCS1 VEHICLE INLET VERSION B | DC WITH LED DIMENSIONS



Rated voltage and current	Functions
-	PE (Protective Ground/Earth)
1000V 500A, 400A, 300A	DC+
1000V 500A, 400A, 300A	DC-
30V 2A	CP (Control pilot)
30V 2A	PP (Proximity)

CCS1 Vehicle inlet DC

Socket-inlet



Part Number	
DC	Part Number
1000V / 500A	HVCOSF043D
1000V / 400A	HVCOSF044D
1000V / 300A	HVCOSF045D

Compliant with IEC 62196-1/2/3, UL2251 and SAE J1772

Configuration:
1000V | 300A, 400A or 500A

Electronic lock available

12 o'clock