

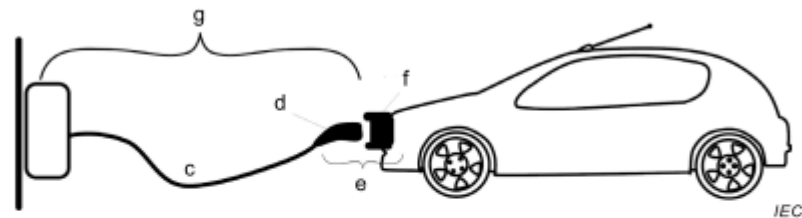
Kabellänge

Dienstag, 18. Dezember 2018
09:15

AC:

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Note 1 to entry: The cable assembly is part of the EV charging station.

Figure 3 – Case C connection

Key for Figures 1 to 3

- | | |
|-----------------------|----------------------|
| (a) Socket-outlet | (f) Vehicle inlet |
| (b) Plug | (g) Charging station |
| (c) Cable | (h) EV socket-outlet |
| (d) Vehicle connector | (i) EV plug |
| (e) Vehicle coupler | |

11.5 Cable dimensions

The maximum **cable length** shall be in accordance with the national codes if any.

NOTE 1 In the following countries, the overall length of the EV supply cable does not exceed 7,5 m unless equipped with a cable management system as required by national codes and regulations: US.

NOTE 2 In the following countries, the overall length of the EV supply cable does not exceed 5 m unless equipped with a cable management system as required by national codes and regulations: CH.

Compliance is checked by inspection.

11.7 Cable management and storage means for cables assemblies

For case C EV supply equipment, a storage means shall be provided for the vehicle connector when not in use.

For case C EV supply equipment the lowest point of the vehicle connector when stored shall be located at a height between 0,5 m and 1,5 m above ground level.

NOTE In the following countries, requirements related to people with disabilities are covered by national regulations: US.

For case C EV charging stations with cables of more than 7,5 m, a cable management system shall be provided. The free **cable length** shall not exceed 7,5 m when not in use.

Prevention of overheating of cables or cable assemblies used in stored or partially stored position shall be ensured.

Compliance is checked according to Clause 22 of IEC 61316:1999 for cable reel storage.

DC:

ISO 15118-3:2015(E)

Table A.11 — Definition of electrical characteristics

Parameter	Conditions and comments	Min	Typ	Max	Unit	Note
Length of the cable assembly				10	m	
<i>C_{nc}</i>	See definition above	-	1.35		nF	3.4