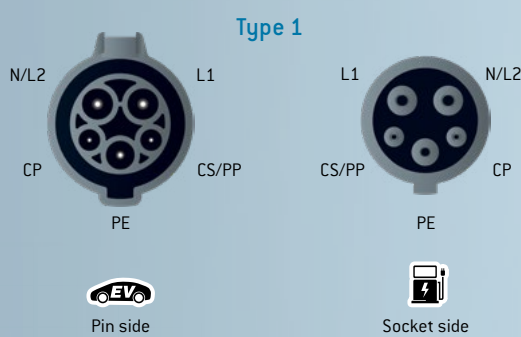


CHARGING

THE EV CONTACT SPECIALIST

SAE J1772



AC – ALTERNATING CURRENT

Position	Nominal values	Termination cross section	Number of contacts / diameter
L1, L2 / N	7.7 kW · 240 V AC · 32 A 11.5 kW · 240 V AC · 48 A	AWG 10 AWG 8	2 contacts · Ø 3.6 mm
PE	–	AWG 10 AWG 8	1 contact · Ø 2.8 mm
CP, CS / PP	30 V DC · 2 A	AWG 22	2 contacts · Ø 1.5 mm

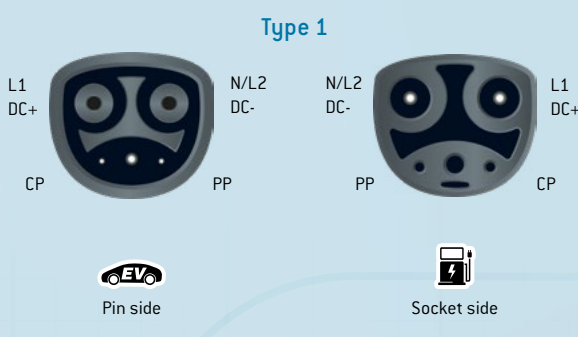


DC – DIRECT CURRENT

Position	Nominal values	Termination cross section	Number of contacts / diameter
DC+, DC-	125 kW · 1,000 V DC · 125 A 200 kW · 1,000 V DC · 200 A 250 kW · 1,000 V DC · 250 A	35 mm ² * 50 mm ² * 70 mm ² * (AWG cable types on request)	2 contacts · Ø 8 mm

¹ For the AC values, please refer to the table above and the corresponding standard for the PE termination cross-section.
* on request

SAE J3400



AC – ALTERNATING CURRENT

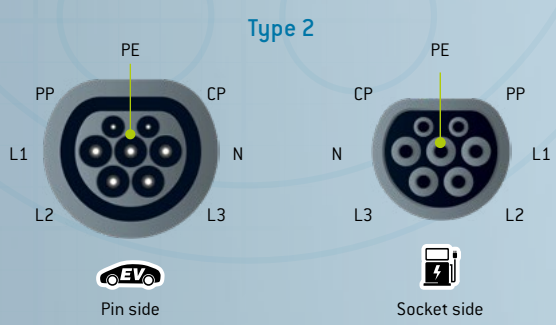
Position	Nominal values	Termination cross section	Number of contacts / diameter
L1, L2 / N	7.7 kW · 240 V AC · 32 A 11.5 kW · 240 V AC · 48 A 19.2 kW · 240 V AC · 80 A	AWG 10 AWG 8 AWG 6	2 contacts · Ø 9 mm
PE	–	AWG 10 + AWG 18 AWG 8 + AWG 18 AWG 6 + AWG 18	1 contact · Ø 3.6 mm
CP / PP	30 V DC · 2 A	AWG 18 2 x AWG 18	2 contacts · Ø 1.6 mm

DC – DIRECT CURRENT¹

Position	Nominal values	Termination cross section	Number of contacts / diameter
DC+, DC-	200 kW · 1,000 V DC · 200 A (max. 400 A) ²	AWG 1	2 contacts · Ø 9 mm

¹ For the other contacts, please refer to the table above and the corresponding standard for the PE termination cross-section.
² Maximum instantaneous current. Duration of maximum current is a function of ambient temperature and vehicle inlet capabilities.

IEC 62196 (VDE 0623-5)



AC – ALTERNATING CURRENT

Position	Nominal values	Termination cross section	Number of contacts / diameter
L1, L2, L3, N (PE)	3.7 kW · 230 V AC · 16 A 11 kW · 400 V AC · 16 A 7.4 kW · 230 V AC · 32 A 22 kW · 400 V AC · 32 A	2.5 mm ² 6 mm ²	5 contacts · Ø 6 mm
CP, PP	30 V DC · 2 A	0.5 mm ²	2 contacts · Ø 3 mm



DC – DIRECT CURRENT

Position	Nominal values	Termination cross section	Number of contacts / diameter
DC+, DC-	200 kW · 1,000 V DC · 200 A 250 kW · 1,000 V DC · 250 A (up to 500 kW)	50 mm ² 70 mm ²	2 contacts · Ø 8 mm
PE	–	25 mm ²	1 contact · Ø 6 mm

¹ For the AC values, please refer to the table above.

GB / T 20234*



AC – ALTERNATING CURRENT

Position	Nominal values	Termination cross section	Number of contacts / diameter
L1, L2, L3, N (PE)	3.7 kW · 230 V AC · 16 A 11 kW · 400 V AC · 16 A 7.4 kW · 230 V AC · 32 A 22 kW · 400 V AC · 32 A	2.5 mm ² 6 mm ²	5 contacts · Ø 6 mm
CC, CP	30 V DC · 2 A	0.5 mm ²	2 contacts · Ø 3 mm

DIRECT CURRENT

Position	Nominal values	Termination cross section	Number of contacts / diameter
DC+, DC-	80 kW · 1,000 V DC · 80 A 125 kW · 1,000 V DC · 125 A 250 kW · 1,000 V DC · 250 A	25 mm ² 35 mm ² 70 mm ²	2 contacts · Ø 12 mm
CC1, CC2, S+, S-	30 V DC · 2 A	0.5 mm ²	6 contacts · Ø 3 mm
A+, A-	30 V DC · 20 A	2.5 mm ²	2 contacts · Ø 3 mm
PE	–	25 mm ²	1 contact · Ø 6 mm

* on request

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