

## Pin assignments at plug connector A290\*14B

Pin	Type	Description /Signal type	Connection /Measuring information
1	E	Switch contactor activation	Charging interface module
2	E	Switch contactor activation	Charging interface module
3	A	Signal	Charging interface module
4	--	Not used	
5	--	Not used	
6	E	Switch contactor activation	Charging interface module
7	E	Switch contactor activation	Charging interface module
8	E/A	from 2014_07 High-voltage interlock loop signal	Convenience charging electronics
8	E/A	up to 2014_06 with range extender High-voltage interlock loop signal	Range extender electrical machine electronics
8	E/A	up to 2014_06 without range extender High-voltage interlock loop signal	Electrical machine electronics
9	E/A	High-voltage interlock loop signal	Convenience charging electronics
10	--	Not used	
11	E	Power supply, terminal 30B	Fuse F123 Power distribution box Life module
12	M	Ground	Ground connection Z10*21B