

A250 Charging interface module

Connector location views

Number	X-pin, colour	Description
A250*1B	16-pin, black	Component connector Charging interface module
A250*2B	6-pin, black	Component connector Charging interface module
A250*4B	12-pin, black	Component connector Charging interface module

Pin assignments at plug connector A250*1B

Pin	Type	Description /Signal type	Connection /Measuring information
1	--	Not used	
2	--	Not used	
3	--	Not used	
4	A	Activation	Central locking drive, charging socket
5	A	Activation	Central locking drive, charging socket
6	E/A	PT-CAN bus signal	PT-CAN bus connection
7	E/A	PT-CAN bus signal	PT-CAN bus connection
8	E	Wake-up signal, terminal 15	Connector, terminal 15 wake-up signal
9	E	Power supply, terminal 30F	Fuse F114 Power distribution box Life module
10	M	Ground	Ground connection Z10*16B
11	--	Not used	
12	--	Not used	
13	--	Not used	
14	--	Not used	
15	E	Signal Charge	with comfort loading Convenience charging electronics without comfort loading Electrical machine electronics
16	E	Hall sensor signal	Central locking drive, charging socket

Pin assignments at plug connector A250*2B

Pin	Type	Description /Signal type	Connection /Measuring information
1	E/A	Signal	High-voltage charging socket
2	E/A	Signal	High-voltage charging socket
3	E/A	Signal	Charging interface module
4	E/A	Signal	Charging interface module

5	M	Shield	Ground connector
6	E/A	Signal	High-voltage charging socket USA AC/DC charging

Pin assignments at plug connector A250*4B

Pin	Type	Description /Signal type	Connection /Measuring information
1	A	Switch contactor activation	Convenience charging electronics
2	A	Switch contactor activation	Convenience charging electronics
3	A	Switch contactor activation	Convenience charging electronics
4	A	Switch contactor activation	Convenience charging electronics
5	E	Signal	Convenience charging electronics
6	A	LED activation	Status display, charging
7	A	LED activation	Status display, charging
8	A	LED activation	Status display, charging
9	M	Ground	Status display, charging
10	A	Activation	Central locking drive, charging socket cover
11	A	Activation	Central locking drive, charging socket cover
12	E	Signal	Central locking drive, charging socket cover