S10 CAN module

ELECTRIC CARS

Firmware version: **3.0.16**
Release date: **19.04.2024**

Supported logistic parameters

No	Vehicle model	ID	Ignition and engine status	Totals: Total distance	Totals: Total energy usage	Totals: Total idle energy usage	Totals: Total engine time	Totals: Total driving time	Totals: Total engine idle time	Battery: Battery charge level	Battery: Battery voltage	Battery: Battery charing current	Battery: Battery charging remaining time	Currents: Speed	Currents: Range	Currents: Current gear	Condition: Engine temperature	Condition: Battery temperature	Condition: Ambient temperature	Ecodriving: Rapid brakings count	Ecodriving: Rapid accelerations count	Ecodriving: Total vehicle overspeed time	Ecodriving: Total brake applies count	Ecodriving: Predictability	Ecodriving: Total cruise control driving time	Ecodriving: Total accelerator kick downs count	Ecodriving: Total accelerator kick-down time	Maintenance: Service distance	Maintenance: Time to service	Maintenance: Diagnostic truble codes	Maintenance: Engine all starts count	Maintenance: Battery charging cycles	Maintenance: Battery state of health	Vehicle: VIN	Vehicle: Fuel type	Vehicle: Real time clock	Indicators
1	Audi Q4 e-tron (2021-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			
2	BMW i3 (2013-)	*		✓	✓	✓	✓	✓	✓	✓				✓	✓				✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓̸	✓̸		
3	BMW i4 (2021-)	*		✓	✓	✓	✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓										
4	BYD Enviro 400EV (2018-)	*		✓						✓	✓			✓					✓	✓	✓	✓	✓	✓		✓	✓										
5	Citroen e-Jumpy (2019-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
6	Citroen e-SpaceTourer (2020-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
7	Dacia Spring (2021-)	*		✓			✓	✓	✓	✓				✓						✓	✓	✓	✓	✓		✓	✓				✓						
8	Fiat 500e (2021-)	*		✓			✓			✓					✓								✓	✓		✓	✓	✓						✓		✓	
9	Fiat e-Doblo K9 (2022-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
10	Fiat e-Scudo (2021-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
11	Fiat e-Ulysse (2022-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
12	Ford Mustang Mach-E (2021-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			
13	Foton Auman EST-A (2019-)	*		✓			✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓	✓	✓	✓		✓	✓										
14	Foton eAumark (2018-)	*		✓			✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓	✓	✓	✓		✓	✓							✓̸			
15	Hyundai Ioniq (2016-)	*		✓			✓	✓	✓	✓				✓			✓			✓	✓	✓	✓	✓		✓	✓				✓						
16	Jaguar I-Pace (2018-)	*		✓			✓	✓	✓	✓				✓					✓	✓	✓	✓	✓	✓		✓	✓							✓			
17	Kia e-Niro (2021-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			
18	Kia EV6 (2021-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			
19	MAN eTGE (2018-)	*		✓						✓				✓	✓				✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓	✓̸		
20	Maxus eDelivery 3 (2018-)	*		✓			✓	✓	✓	✓	✓			✓	✓					✓	✓	✓	✓	✓	✓	✓	✓			✓̸				✓			
21	Mercedes eCitan (2022-)	*		✓			✓	✓	✓	✓		✓		✓	✓				✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓̸	✓̸		
22	Mercedes EQC N293 (2019-)	*		✓			✓	✓	✓	✓				✓	✓		✓		✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓	✓̸		
23	Mercedes EQV (2019-)	*		✓						✓				✓	✓		✓		✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓	✓̸		
24	Mercedes eSprinter W910 (2018-)	*		✓			✓	✓	✓	✓		✓		✓	✓		✓			✓	✓	✓	✓	✓		✓	✓				✓			✓			
25	Mini Cooper SE (2019-)	*		✓	✓	✓	✓	✓	✓	✓				✓	✓				✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓̸	✓̸		
26	Mitsubishi i-MiEV (2009-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓										
27	Nissan e-NV200 (2011-)	*		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓	✓	✓	✓		✓	✓					✓̸	✓				
28	Nissan Leaf (2010-2017)	*		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓	✓					✓̸	✓				
29	Nissan Leaf (2017-)	*		✓			✓	✓	✓	✓				✓		✓				✓	✓	✓	✓	✓		✓	✓										
30	Opel Corsa-e (2019-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓̸	✓			✓			
31	Opel Vivaro-e (2019-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
32	Opel Zafira-e Life (2020-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓̸				✓			
33	Peugeot e208 (2019-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓̸	✓			✓			
34	Peugeot eExpert (2020-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓̸				✓			
35	Renault Kangoo Z.E. (2011-2021)	*		✓						✓				✓			✓			✓	✓	✓	✓	✓		✓	✓										

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No	Vehicle model	ID	Supported logistic parameters																																		
				Totals						Battery				Currents			Condition			Ecodriving								Maintenance						Vehicle			
			Ignition and engine status	Total distance	Total energy usage	Total idle energy usage	Total engine time	Total driving time	Total engine idle time	Battery charge level	Battery voltage	Battery charing current	Battery charging remaining time	Speed	Range	Current gear	Engine temperature	Battery temperature	Ambient temperature	Rapid brakings count	Rapid accelerations count	Total vehicle overspeed time	Total brake applies count	Predictability	Total cruise control driving time	Total accelerator kick downs count	Total accelerator kick-down time	Service distance	Time to service	Diagnostic truble codes	Engine all starts count	Battery charging cycles	Battery state of health	VIN	Fuel type	Real time clock	Indicators
36	Renault Megane e-tech (2022-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓										
37	Renault Zoe ZE40 (2016-2019)	*		✓			✓	✓	✓	✓				✓						✓	✓	✓	✓	✓		✓	✓										
38	Renault Zoe ZE50 (2019-)	*		✓			✓	✓	✓	✓		✓		✓	✓				✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓̸	✓̸		
39	Scania P-series electric (2021-)	*		✓			✓	✓	✓	✓			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓										✓			
40	Skoda Citigo-e (2019-)	*		✓			✓	✓	✓	✓				✓	✓		✓		✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓	✓̸		
41	Skoda Enyaq iV (2020-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			
42	Smart ForTwo EQ (2020-)	*		✓			✓	✓	✓	✓		✓		✓						✓	✓	✓	✓	✓	✓	✓	✓										
43	Tesla 3 (2017-)	*		✓			✓	✓	✓	✓		✓		✓	✓					✓	✓	✓	✓	✓		✓	✓							✓		✓	
44	Tesla Y (2020-)	*		✓			✓	✓	✓	✓		✓		✓	✓					✓	✓	✓	✓	✓		✓	✓							✓		✓	
45	Toyota Mirai (2020-)	*		✓			✓	✓	✓	✓2				✓	✓				✓̸	✓	✓	✓	✓	✓	✓	✓	✓			✓̸				✓	✓̸		
46	Toyota Proace electric (2021-)	*		✓			✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓	✓		✓̸	✓			✓			
47	Volvo XC40 Recharge (2020-)	*		✓			✓	✓	✓	✓				✓					✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓	✓̸		
48	VW e-Golf (2014-2019)	*		✓			✓	✓	✓	✓				✓	✓		✓		✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸	✓			✓	✓̸		
49	VW ID.Buzz (2022-)	*		✓			✓	✓	✓					✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			
50	VW ID3 (2019-)	*		✓			✓	✓	✓	✓				✓	✓				✓̸	✓	✓	✓	✓	✓		✓	✓			✓̸				✓	✓̸		
51	VW ID4 (2021-)	*		✓			✓	✓	✓	✓				✓	✓					✓	✓	✓	✓	✓		✓	✓							✓			

S10 CAN module

CLARIFICATIONS

Due to various equipment and target markets, some information in particular vehicle models may be unavailable.

ID – vehicle model to be set in S10 CAN module (column available only after NDA agreement)

Vehicle model name and year refers always to generation of the model, which was introduced (or face-lifted) in given year.

For electric cars - fuel related parameters stand for battery parameters (as electricity is a "fuel" for electric cars), i.e. tick in "fuel level" column stands for battery charge level

Symbol in data grid

✓ - parameter supported
✓ - supported, but may be unavailable if connected via contactless readers
✓2 - for fuel level – available 2 fuel kinds (usually petrol and gas)
- ignition key signal supported
- no ignition key signal, but „Engine on" signal is available instead

Indicators

- Doors and trunk
- Central lock
- Driver seatbelt
- Brake pedal
- Reverse gear
- Running lights / lights indicator
- Low - beams
- High - beams
- Front fog lights
- Rear fog lights
- Battery charging (for electric cars)
- Handbrake
- Hazard lights
- "Check engine" indicator
- Air conditioning (A/C)
- Cruise control
- PTO
- Brake system malfunction / brake fluid low
- Tire malfunction / TPMS

Special vehicles types marking

- Electric car