Certificate

Functional Safety

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No.: 968/FSP 1511.01/17

Product tested	Vehicle Control Unit (VCU) of the C11CB powertrain	**Certificate holder**	BEIJING ELECTRIC VEHICLE CO., LTD. No.5, Zonghuan Zhonglu Beijing Economic & Technological Development Area Beijing, 100176 P.R. China
Type designation	VCU of the C11CB powertrain Type: C11CB_VCU HW Version: VCU_H032; SW Version: V1.07; Name: BJEV_VCU_TC234_ASILC_3p1.2.sre; CRC: 0x2E17B343		
Codes and standards	ISO 26262 Parts 1-9:2011 (excl. Part 7)		
Intended application	The vehicle control unit of the C11CB powertrain (Type: C11CB_VCU) as listed above complies with the requirements of ISO 26262. The highest automotive safety integrity level of the related requirements complies to ASIL C. The C11CB is an electric vehicle with a rated power of 15 kW reaching a vehicle speed of up to 110 km/h. The energy storage is a 16 kWh re-chargeable battery. To increase the maximum driving range, the vehicle supports energy recovering while braking. The C11CB powertrain, including the battery management system (BMS), the motor control unit (MCU) and the vehicle control unit (VCU) is specifically designed for C11CB electric vehicle models.		
Specific requirements	-		

Valid until 2022-12-11

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1511.01/17 dated 2017-12-11.
This certificate is valid only for products which are identical with the product tested.

Köln, 2017-12-11

TÜV Rheinland Industrie Service GmbH
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Funktionale Sicherheit
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Certification Body Safety & Security for Automation & Grid

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