

# Certificate



Functional  
Safety

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**No.: 968/FSP 1521.01/17**

<b>Product tested</b>	Motor Control Unit (MCU) of the C11CB powertrain	<b>Certificate holder</b>	BEIJING ELECTRIC VEHICLE CO., LTD. No.5, Zonghuan Zhonglu Beijing Economic & Technological Development Area Beijing, 100176 P.R. China
<b>Type designation</b>	MCU of the C11CB powertrain Type: C11CB_MCU HW Version: MCU_H012 SW Version: V2.1; Name: BJEV_MCU_SLAVE_ASIL_XCP.sre; CRC: 0x48CF2821		
<b>Codes and standards</b>	ISO 26262 Parts 1-9:2011 (excl. Part 7)		
<b>Intended application</b>	The motor control unit of the C11CB powertrain (Type: C11CB_MCU) 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.		
<b>Specific requirements</b>	-		
<b>Valid until</b>	2022-12-11		

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1521.01/17 dated 2017-12-11.  
This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2017-12-11

Certification Body Safety & Security for Automation & Grid

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