

Automotive Standards**BMW - GS 95023 (2009-12)**

9.2.1 - Range of unlimited operating capability
9.2.2 - Range of upper limited operating capability
9.2.3 - Range of lower limited operating capability
9.2.4 - Range of highly limited operating capability
9.2.5 - Voltage dynamics
9.2.6 - Voltage ripple
9.2.7 - Overvoltage
9.2.8 - Overvoltage above the limit voltage
9.2.9 - Undervoltage
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ISO - 21498-2 (2021 & 2024)

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4.1.9 Active discharge
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4.2.2 Voltage ripple along VCB supply lines – Vehicle – Measurement

MBN LV123 (2014)

10.4.1 - Range of unlimited operating capability
10.4.2 - Range of upper limited operating capability
10.4.3 - Range of lower limited operating capability
10.4.4 - Range of highly limited operating capability
10.4.5 - Voltage dynamics
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Stellantis - CS.00245 HV EE Components

5.2.2 C_ET_01_HV_V: Resistance to Usual and Operating Voltage
5.2.3 C_ET_02_HV_V: Resistance to Ripple On High Voltage Network
5.2.4 C_ET_03_HV_V: Measurement of Generated Voltage Ripple
5.2.5 C_ET_04_HV_V: Resistance to Transient Overvoltage
5.2.6 C_ET_05_HV_V: Resistance to Transient Undervoltage
5.2.7 C_ET_06_HV_V: Resistance to Load Dump Pulse

VW - VW 80300 (2016)

HVPT-1 - HV voltage cycle
HVPT-2 - HV pre-charging
HVPT-3 - Passive discharge
HVPT-4 - Active discharge
HVPT-5 - HV insulation resistance to LV
EHV-01 - Operation within the regular HV operating voltage range
EHV-02 - Operation within the HV overvoltage range
EHV-03 - Operation within the HV undervoltage range
EHV-04 - Pre-charging
EHV-05 - Generated HV voltage dynamics
EHV-06 - System HV voltage dynamics
EHV-07 - HV voltage dynamics of energy storage devices
EHV-12 - HV overcurrent

VW - VW 80300 (2021)

HVPT-1 - HV voltage cycle
HVPT-2 - HV pre-charging
HVPT-3 - Passive discharge
HVPT-4 - Active discharge
HVPT-5 - HV insulation resistance to LV
EHV-01 - Operation within the regular HV operating voltage range
EHV-02 - Operation within the HV overvoltage range
EHV-03 - Operation within the HV undervoltage range
EHV-04 - Pre-charging
EHV-05 - Generated HV voltage dynamics
EHV-06 - System HV voltage dynamics
EHV-07 - HV voltage dynamics of energy storage devices
EHV-08 Generated HV voltage ripple
EHV-12 HV overcurrent
EHV-13 HV service life (additional)
EHV-14 On/off durability testing for HV components
EHV-15 Functionality of HV interlock, maintenance connector, and crash signaling