



VEHICLE BODY ACTUATORS (BA)

HELLA has over 40 years of experience in the design and production of vehicle body actuators. All vehicle body actuators depend on modular tool-kit systems and standard components. They provide solutions for a wide range of applications such as locking, unlocking and remote control of fuel doors and compartments. They are also used to open and close the radiator grille which promotes the reduction of CO₂ emissions and increases fuel efficiency. HELLAs vehicle body actuators offer several key benefits, including durable and non-complex designs, ideal for a variety of specific applications.

ADVANTAGES

- Compact design
- Standard interfaces
- Short development timing: Modular approach
- Extensive experience in development and production
- Global development and production locations

GRILLE SHUTTER ACTUATOR



The Grille Shutter Actuator (GSA) is used in active grille shutters to drive movable flaps. Depending on the driving situation the grille can be closed or opened by the actuator. The GSA benefits from its fully integrated electronics for smart functionalities and self-diagnostics as well as its resistancy to harsh environmental conditions.

KEY FEATURES

- True power on signal by CIPOS®
(Contactless Inductive Position Sensor)
- Integrated electronics for intelligent functionality
- High torque, low energy consumption
- Sleep mode < 100 μ A
- Operating angle 360°, regulated soft stops
- Non-complex on-off version is available

Technical Data

Nominal voltage	12 V
Temperature range	- 40 °C to + 85 °C
Nominal torque	1.0 Nm
Max. torque	boost torque up to 2 Nm
Protection	IP6K9
Life (cycles)	250.000
Approx. L x W x H	85 x 55 x 29 mm ³

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