

# SWITCH SOLUTIONS FOR VEHICLE ACCESS SYSTEMS

## Automotive Interior

We're all used to accessing our car with the click of a finger. New options allow you to do this through your smartphone, increasing the user experience by preparing the car with its own user settings.

Behind the scenes, the whole system of car openings have moved from mechanical to mechatronics.

Electrically actuated openings offer a brand-new experience to the user, and open new possibilities for the designers.

From the keyfob, to the latching mechanism, through the opening handles; switches are needed for the activation, detection and security of your vehicle.



## Doors and Trunk Opening

- Lock/ Unlock
  - For side doors and rear soft opening to trigger the latching through keyfobs and handles
- Latch mechanism
  - Position detection and control
- Reduced form factor
- Dust and water protection
- Long life
- SPDT, SPST NO, SPST NC options
- Self-diagnosis possibilities
- Wire connections
- Lighting



**AUTOMOTIVE SOLUTIONS**

**Tactile**

**KSC**

- IP67
- Long life up to 2 million cycles
- Detect versions
- SPDT version suitable for self-diagnosis
- Potting friendly configurations
- Forces up to 9.8N
- Silver or gold plating
- Different sounds and haptics available



KSC

**KSR**

- NC and detect versions available



KSR

**KSJ**

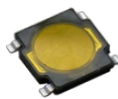
- Multi-directional wide angle actuator
- THT switch for side and top actuation
- Detect version available



KSJ

**RK**

- Ultra compact package
- 160 up to 540 gf actuation force
- Up to 500k life cycles



RK

**TLS**

- Soft sound with half million operations
- 8.6 x 8.4 x 3.95 mm
- 0.9 mm travel



TLS

**Snap**

All our products can be offered in SPST NO, SPST NC or SPDT configuration

**ZMS & ZMSM**

- IP68
- Compact size with long electrical life
- Specific lever on demand



ZMS



ZMSM

**LCS**

- IP67
- Wide variety of levers and actuators
- Long life and high electrical capacity



LCS

**ZMW**

- IP67 (Except terminal part. Fully IP67 on potted wire versions.)
- Up to 3 mm silent stroke
- Lever option



ZMW

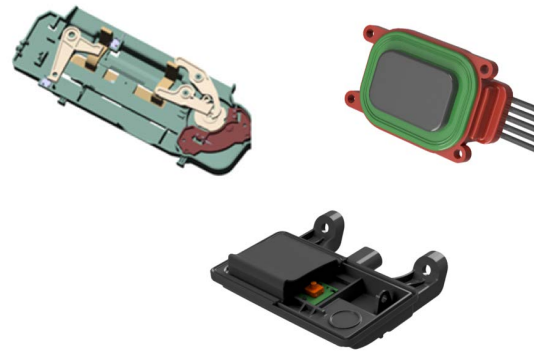
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## AUTOMOTIVE SOLUTIONS

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### Purpose Built Developments

- Out of the multiple switch solutions, we can propose a sub assembly designed to your requirements for integration at Tier 2/ Tier 3 level
- Snap switch with wires and detection mechanism
- New combination of existing components to reach your specific mix of force, travel, size and sound
- Sealed door handle button with wires and connector – illumination option
- Soft touch sealed trunk release pad
- Illuminated door handle pad



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Contact C&K to learn how we can help you with your next design challenge.  
C&K - Trusted Brand in Switch Design with a focus on Innovation and Quality

For enquiries, please contact your local C&K representative or send us an email at:  
[automotive@ckswitches.com](mailto:automotive@ckswitches.com)