

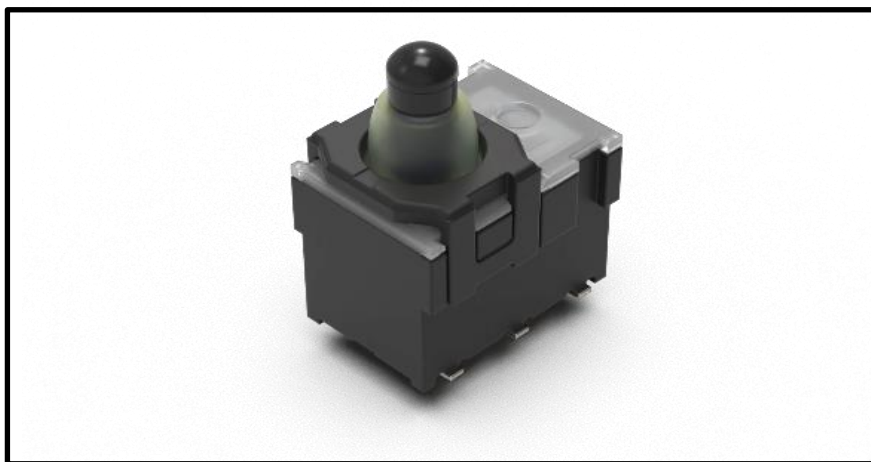
## NEWS RELEASE

PR0325EN

### **Alps Alpine started the mass production of small, quiet, 2-pole 2-position type switches**

Aiming to be adopted for an increasingly wide range of brake systems

**Munich, Germany – September 11, 2025** – In August, Alps Alpine has started mass production of the "SPVQF Series", a new model of its 2-pole 2-position switch series designed for automobile parking brakes with a shipment record of 350 million units over the past ten years. The new product is characterized by its quiet operation and compact size, being approximately half the width of the conventional "SPVQC Series."



#### **Background**

In the current in-vehicle market, the operation methods of parking brakes are drastically changing. As the transition from conventional pull handles and pedals to electric parking brakes (EPB) using buttons progresses, the car interior layout is also changing due to the introduction of liquid crystal panels at the center of the console, leading to an increasing demand for an increasingly wide range of parking brake buttons. Moreover, as

electric vehicles become more popular, there is an increasing demand for quiet operations as well. This product has been developed to meet both these needs and customer expectations.

### Key features

- The 2-pole 2-position detection switch ensures reliability by allowing one circuit to compensate when the other one malfunctions. It is suitable for use in components that require extra safety.
- The new circuit structure achieved approx. 50% width reduction compared to the conventional "SPVQC Series." This contributes to improving the flexibility of layout of interior control buttons.
- Quieter by 5dB compared to the conventional "SPVQC Series." Designed with consideration for use in electric vehicles with low driving noise.

### Product information

Item	Specification
Product name	SPVQF Series
Outer dimensions	W6.3×D8.5×H7.0 mm
Actuating force	1.8N max.
Maximum rating	50mA 18V DC
Initial contact resistance	75mΩ max.
Operating life	300,000 times
Protection structure	IP6K7

### Application example

In-vehicle electric parking brake

### Sales information

Release schedule: August 2025

Sample purchase:

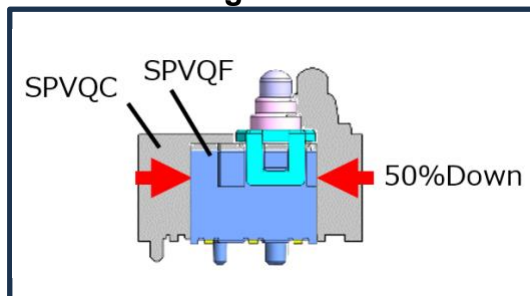
<https://tech.alpsalpine.com/e/products/detail/SPVQF10201/>

### Future outlook

With the advancement of autonomous driving technology and electric vehicles, the 2-pole 2-position switch is increasingly being adopted for in-vehicle controls where redundancy and safety are required. The sales target for this product is shipment of 1 million

units per month by March 2028. Alps Alpine will continue to expand its product lineup to meet an increasingly wide range of customer demands and provide more added value.

### Reference image



Comparison with the conventional model



Image of in-vehicle electric parking brake

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As a subsidiary of Alps Alpine Co., Ltd., **Alps Alpine Europe GmbH** has been serving European customers for more than 40 years. Based in Munich, our head office in Europe combines a team of specialists in Sales, Marketing, Engineering and R&D. Including our sales offices in many other major cities such as Duesseldorf, Stuttgart, Wolfsburg, Gothenburg, Milton Keynes, Milan and Paris, Alps Alpine Europe GmbH employs around 560 people. Alps Alpine also has manufacturing locations in Ireland, the Czech Republic and Hungary to serve primarily our European customers.

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