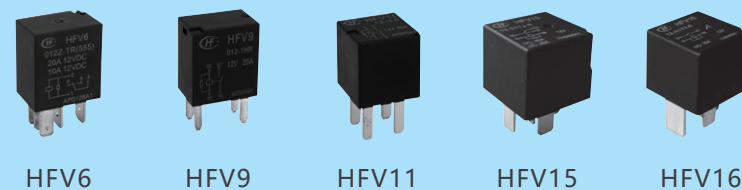


# PRODUCT SERIES

## Automotive Relay

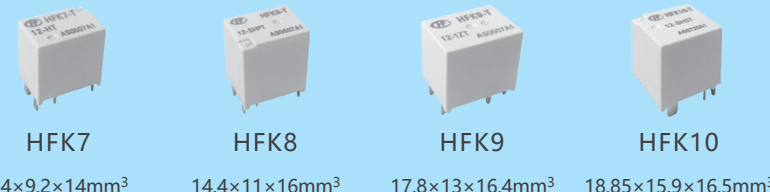
### Plug-in Relay

- The world's largest plug-in manufacturer, with complete range of products
- ISO 280 Footprint type available
- Flux proofed and plastic sealed type available



### PCB Relay

- China's top PCB relay manufacturer, with complete range of products
- Current range from 10A to 70A
- Small Size, High Load



### High Current Relay

- Rated Current up to 250A
- Rated Voltage covering 12/24/48V application
- Anti-short circuit current up to 5KA



### 48V Relay

- Complete product options, various installation modes, with plug-in, PCB and Bolt mounting available
- Rated current range from 10A to 200A



### Automotive Charging AC Relay

- Small Size
- Current range from 16A to 64A
- Customized solution available



### Silent Relay

- Noise level < 45dB
- Plug-in and PCB mounting types available



### Solid State Relay

- Long electrical life
- Completely silent
- High sensitivity, low electro-magnetic interference



## HVDC Relay

### Ceramic Type

- Ceramic brazing sealing technology, no arc leakage risk
- Hydrogen-based gas sealing to effectively prevent contact oxidation or burning
- High anti-short circuit performance, up to 10KA or more



### Epoxy type

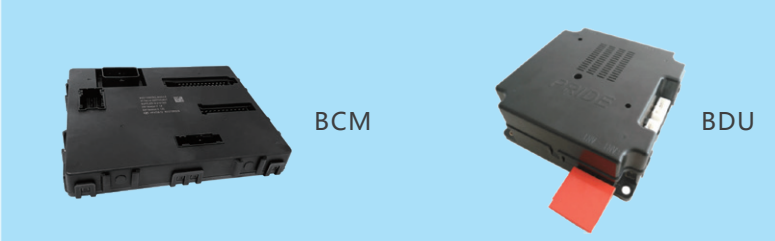
- Epoxy resin sealing design, no oxidation or contamination for coils and contacts
- No polarity requirement for contacts and coils
- Auxiliary contact type available



## Customized Module

- BCM:**
- High integration
  - Strong anti-interference ability
  - Self-diagnosis and self-protection

- BDU:**
- Small size, light weight, convenient installation, Meet IP XXB requirements
  - Excellent performance and high reliability



Note: This type of product accepts customized requirement according to customer needs.

## Other Products

- Relay&Fuse Box and Gateway:**
- Can be customized according to specific requirements

- Electronic Vacuum Pump:**
- Advanced technical performance
  - With a full set of vacuum pump testing capabilities
  - Automatic production line with annual capacity of 1.4 million pcs



## Xiamen Hongfa Electroacoustic Co.,Ltd.

**ADD:** No.560-578, Donglin Rd., Jimei North Ind. Dist., Xiamen, China  
**TEL:** + 86 - 592 - 6106688 **FAX:** + 86 - 592 - 6106678 **E-mail:** marketing@hongfa.com

**SALES SERVICE HOTLINE: 400-600-1502**

Printed in July 2023



Scan here for more information.



# AUTOMOTIVE SOLUTION





# INTRODUCTION



Donglin Industrial Park

Hongfa (Shanghai Stock Exchange: 600885) was founded in 1984 and has established a full-range and well-equipped industrial system by upholding the company spirit of “persevere for progress; strive for excellence”. Hongfa has set up three relay R&D and production bases. Hongfa products cover various types including relays, low-voltage and high-low voltage devices, capacitors, precision parts and automatic production equipment, which are widely used in industrial, energy, transportation, telecommunication, home appliance and medical areas.

Hongfa has been deeply involved in the automotive parts industry for nearly 30 years, always focusing on the research and development, manufacturing, and sales of highly reliable automotive products. The company has the most complete series of automotive products in the industry, including automotive relays, high-voltage DC relays, high-capacity control boxes, automotive electronic modules, vacuum pumps, and so on. It has established long-term strategic cooperation relations with domestic and foreign mainstream vehicle manufacturers and Tier1, and won the DELPHI Global Supplier Summit Award, GWM Zero Defect Process Progress Award and other honors and affirmation.

Hongfa is a "national automobile parts export base enterprise" and the drafting unit of the industry standard QC/T695 "Automotive Relays". It has the top comprehensive research and development and testing capabilities in the industry, with R&D personnel accounting for over 10%. In 2019, Hongfa acquired the relay business of Hella, further expanding and consolidating Hongfa's market position in the industry. In the future, Hongfa will provide users with higher quality services through continuous innovation and unremitting pursuit of high quality.

## CORE STRENGTHS

### DEEPLY INTEGRATED PRODUCTION AND MANUFACTURING CHAIN

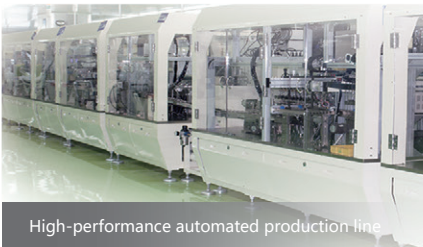
Starting from the quality control and production efficiency of the whole industrial chain, Hongfa has established core strengths that are difficult to imitate in the basic industries such as parts in the front channel and assembly equipment in the back channel, and successfully built an independent supporting industrial chain, which greatly ensures the high consistency and stability of the products.



Mold design and manufacturing



Precision parts production



High-performance automated production line

### ADVANCED R&D AND INNOVATION

The First National Enterprise Technology Center in the relay industry in China, with Academician Workstation and Post-doctoral Workstation.  
The First Enterprise in the relay industry in China to preside over the development of national standards.  
The only Chinese enterprise to join the American UL Standards Organization.

### PRODUCT TESTING AND ANALYSIS

The testing capability and results of Hongfa testing and analysis laboratory are recognized by VDE (Germany), UL (USA) and CNAS (China), and the test reports are mutually recognized by ILAC.

### QUALITY MANAGEMENT

Quality is our lifeline. Hongfa always insists on "winning by quality", pursues to provide customers with satisfactory products and services with perfect quality, and has established a quality management system with Hongfa's characteristics.



# APPLICATIONS

