

Always one step ahead



# SHC railway technology



[www.shc-gmbh.com](http://www.shc-gmbh.com)







## Technical competence

When precision meets reliability

**SHC Railway Technology is a business division of SHC GmbH.**

As one of Germany's leading specialist distributors for switching - and connection technology, SHC has been an established part of the market for many years. Not only do we meet your requirements, but also we are always striving to improve our services and products – your benefit.

Competence, reliability and ease in dealing with our customers are just as characteristic of us as the consistently high standards of technology and quality of products – and we are proud of that.

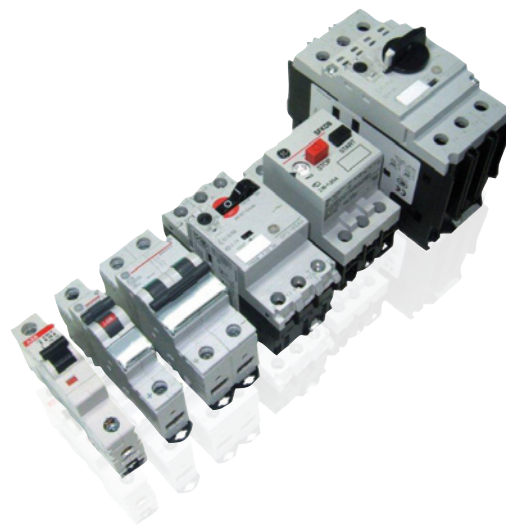


## Spare parts

Always available: parts for replacement, repair and modernization

One of our great strengths is the procurement of components that are no longer listed in the current program of the manufacturer.

If a component is, however, no longer available, we develop customized technical solutions to offer a precise and high-value alternative.



## Substitutes

We have implemented the future in our devices

Our priority is to always offer you technically optimized substitutes.

Using our components you can rely on the fact that all substitutes meet the technical standards of the original parts. Moreover, components that are further developed and successfully tested by us reflect the latest technology.

**We think ahead.**

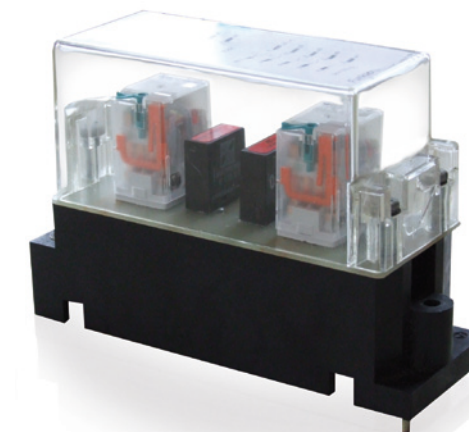
## Engineering services for your individual requirements

We manufacture custom made products on request

If you need a customized product we are the right partners for you.

Our products provide solutions for all technical requirements and can be easily adapted into existing environments.

**Exclusive products of the highest quality.**







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## Quality management

You benefit from the quality of our partners

In order to always provide the highest quality products, we only work with renowned and competent partner companies:

- |              |                     |                   |                |
|--------------|---------------------|-------------------|----------------|
| • ABB        | • ELESTA            | • KILOVAC         | • SIEMENS      |
| • CELDUC     | • GENERAL ELECTRICS | • PHOENIX CONTACT | • TYCO         |
| • DELCON     | • ILME              | • RELPOL          | • WAGO         |
| • EBK KRÜGER | • ITT               | • SCHALTBAU       | • W+P PRODUCTS |

## Certified quality

You can rely on our products

The products we offer meet all high quality standards on the market without exception. They are manufactured according to current standards and therefore receive all relevant approvals.

Another quality aspect for you – our company is certified according to DIN ISO 9001.

Quality at its best.

## Efficiency – our area of expertise

We do not look for solutions – we find them

**Requirement:** Lack of spare parts for old relays and auxiliary contactors or a reduction in current and power.

**Aim:**

- Realization of more functions
- Saving of energy and weight
- Reduction of heat generation

**Solution:** The utilization of SHC-Multipower®-switching devices

**Solution profile:** Commercially available relay sockets and electromechanical relays are used. The requirements of railway standards EN50155 and EN61373 regarding vibration and climate conditions, and compensation of the input voltage from 0.7 to 1.3 Un are ensured by electronics in the coil input. The EMC requirements according to EN50121 are met.

Here all necessary input voltages and different contact configurations and performance requirements are covered.

**Conclusion:**

- Cost savings due to technology SHC
- Use of proven components
- Suitable configurations







## Creativity through flexibility

Solutions for new and increasing demands

**Requirement:** Safety relay modules

**Aim:**

- Assured operating status
- Individual configuration
- Compliance with railway standards

**Solution:** The use of SHC-Multisafe-switching devices

**Solution profile:** The various requirements of switching contacts, contact configuration and design can be realized with 2-7 pole forcibly guided relays, these are equipped with a wide- or single range voltage electronic in the input. The various space requirements are met by vertical or horizontal design or as a 19"pcb-module.



## Made to fit

Harnessing according to your specifications

Our qualified partners enable us to offer you an extensive portfolio, from unique pieces for the prototype construction to products for the series.

Our product range:

- UIC cables
- System cables
- Devise cabling
- Cable harnessing
- Stranding
- Coating
- Small series and prototypes

Our guarantee of quality:

**The combination of long-term experience, highly qualified staff and modern machinery.**

## Product information

Internet shop for your standard program

Are you facing the problem of the fastest necessary access to parts?  
Take advantage of our online shop, the quickest way to get an overview on the diversity of our standard products and also to order the required parts directly.

In case of customized products or individual proposals for a solution our qualified staff can support you on site.

[www.shc-gmbh.com/products.aspx](http://www.shc-gmbh.com/products.aspx)





## Any special requests?

We are prepared to offer ambitious solutions

Let us know what you need, however complicated it might sound. A competent, customer-oriented team, with products of the highest technical level, will meet your needs.

**Give us a challenge.**

## Our services at a glance:

- ✓ Products of distinguished quality
- ✓ Substitution of products which are not listed anymore
- ✓ Customized devices on request
- ✓ Cable configurations according to specifications
- ✓ Competent, customer-oriented staff
- ✓ Problem solving also on site
- ✓ SHC internet shop for quick access

**A strong team is looking forward to working with you.**

