



Clever switching devices for every application

Everything for best switching

Make the switch now

Discover our cutting-edge technological products and master any challenge. The wide range of switching devices from Phoenix Contact offers you the ideal solution for every application.



Find out more with the web code

You can find web codes in this brochure: a pound sign followed by a four-digit number combination.

i Web code: #1234 (example)

This allows you to access information on our website quickly.

It could not be easier:

1. Go to the Phoenix Contact website
2. Enter # and the number combination in the search field
3. Get more information and product versions

Or use the direct link:

phoenixcontact.net/webcode/#1234



System availability

Prevent costly downtimes, thanks to clever switching devices from Phoenix Contact and improve your system availability as a result.



Save space

Reduce your space requirements with innovative technologies. Phoenix Contact offers you a wide selection of products with low overall widths.



Save time

Reduce commissioning, installation and service times by choosing modern wiring concepts with a wide variety of connection technologies.



Easy handling

Benefit from simple expansion, adaptation and parameterization through to logics programming and connection to controllers.



Product and technology expertise from a single source

Phoenix Contact offers all the components you need for your control cabinet. From relay and logic modules to hybrid motor starters – benefit from the clever advantages of our wide range of switching devices.

High-performance and at a great price

Whatever the required application or industry for your relay modules, you will find the best solution with PLC-INTERFACE.

Find more on page 6.

Extremely compact control and switching

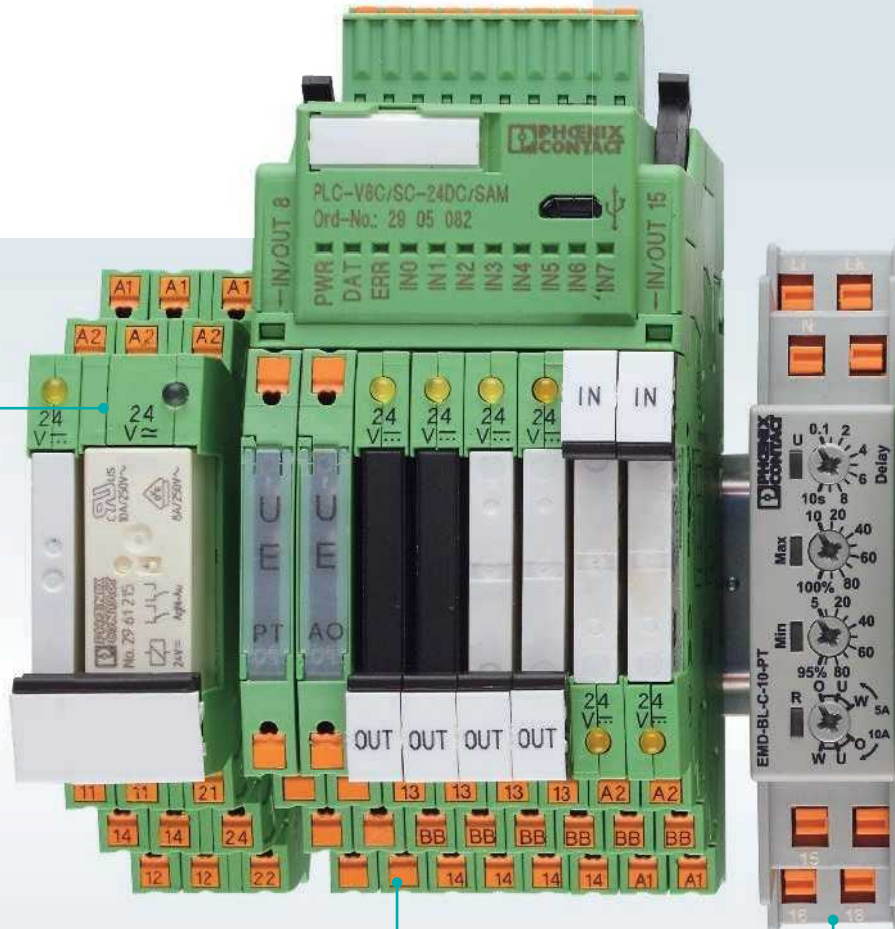
PLC logic combines relay and analog modules with logic functions and intuitive software.

Find more on page 6.

For high system availability

Detect deviations in important system parameters early with EMD monitoring relays.

Find more on page 8.



Proven safety

Innovative and reliable technology, tried and tested over many years. Our PSR safety devices guarantee functional safety.

Find more on page 9.

Easy handling

You can implement all standard relay applications using RIFLINE complete.

Find more on page 7.

Clever motor switching

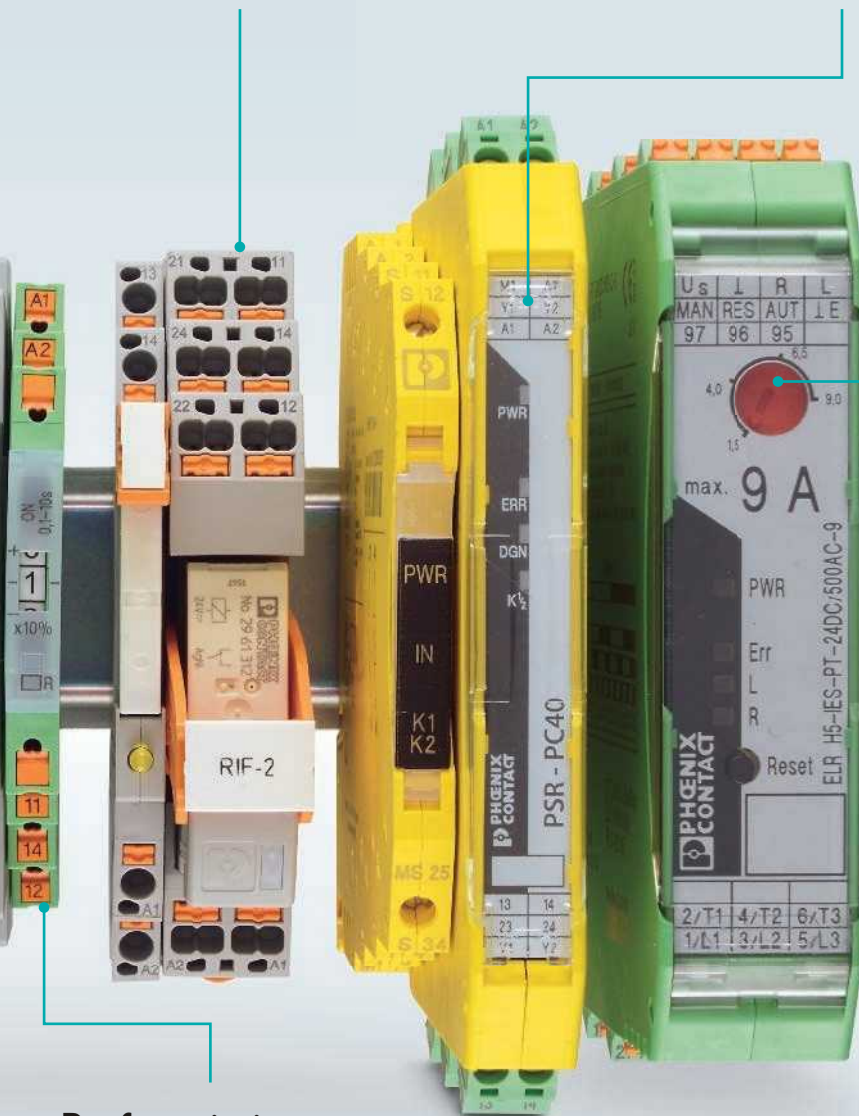
Switch and reverse motors quickly and reliably with compact CONTACTRON hybrid motor starters.

Find more on page 7.

Perfect timing

ETD time relays ensure optimum time sequences.

Find more on page 8.



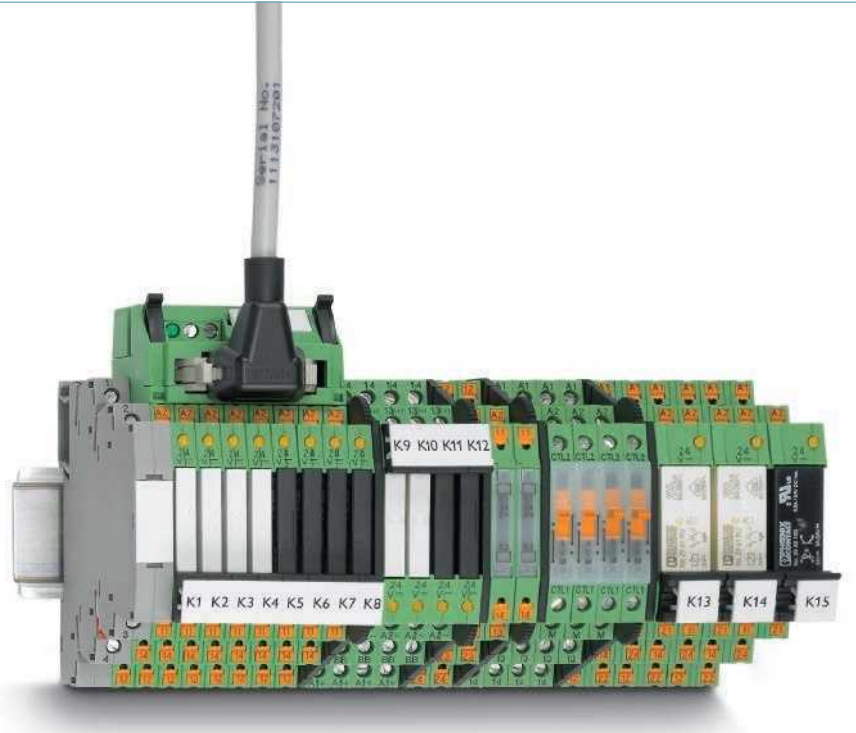
The switching device range at a glance

Highly compact relay modules – Narrow and high-performance

The PLC-INTERFACE relay system from Phoenix Contact is the high-performance interface between the controller and system I/O devices. The modern housing concept combines convenient operation with functional efficiency.

Your advantages

- Comprehensive product range with special versions for special applications
- Optimized installation effort, thanks to versatile accessories
- Just 6.2 mm wide with pluggable electro-mechanical and solid-state relays
- Push-in, spring-cage or screw connection technology
- Logic functions, thanks to extension with PLC logic



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Push-in Technology[®]
Designed by PHOENIX CONTACT

Programmable logic relay system – Extremely compact control and switching

On the logic module market, the PLC logic relay system is the first to combine logic, interface, and field connection levels in a single solution. This means that you can switch and control I/O signals using a single compact system.

Your advantages

- Based on PLC-INTERFACE
- Flexible channel assignment – inputs or outputs with either relay or analog modules at only 50 mm
- Easy project implementation with the intuitive operation of free Logic+ software
- Wireless operation and monitoring via Bluetooth adapter and free PLC logic app



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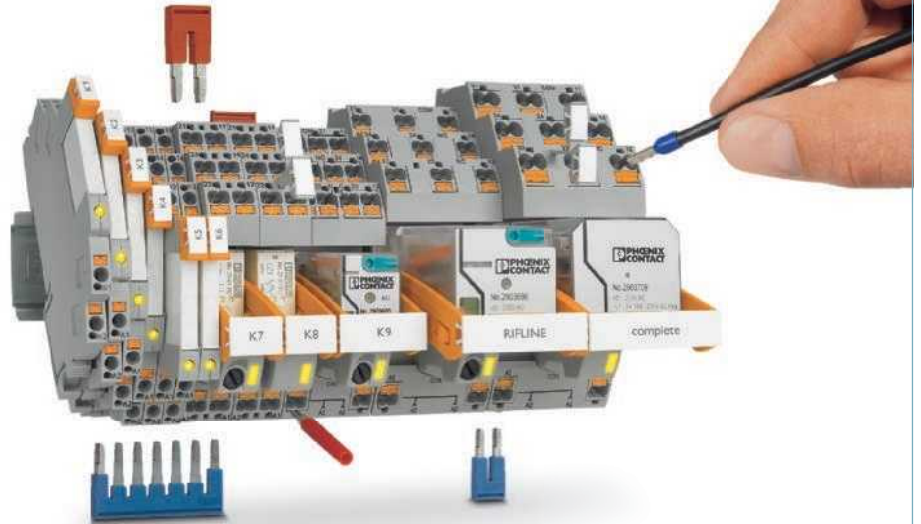
Push-in Technology[®]
Designed by PHOENIX CONTACT

Industrial relay system – From coupling relays to small power contactor replacements

You can implement all of your standard relay applications using the RIFLINE complete industrial relay system. Whether you want to isolate, multiply or amplify signals, it makes no difference. The relay system with universal plug-in design ensures high machine and system availability. The field of application ranges from coupling and time relays to small power contactor replacements.

Your advantages

- Easy handling, thanks to modern wiring and potential distribution concept
- Easily extended to create a time relay by means of a plug-in function module
- Available as a complete module or modular system



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Push-in Technology[®]
Designed by PHOENIX CONTACT

Hybrid motor starters – Clever switching and reliable protection

Switch motors safely and reliably with compact hybrid motor starters that can be linked to a network. The product range of hybrid motor starters consists of direct and reversing starters, which are available with various functions such as emergency stop and motor protection.

Your advantages

- Less space required, thanks to the narrow design: 22.5 mm overall width
- Easy wiring, thanks to integrated locking circuit and load wiring
- Service life is up to ten times longer, thanks to gentle switching with CONTACTRON hybrid technology
- Safe shutdown, thanks to integrated safety function up to SIL 3 and PL e



i Web code: #0568

CONTACTRON
HYBRID
TECHNOLOGY

Time relays – Slim and universal

ETD time relays from Phoenix Contact ensure optimum time sequences. Easy configuration and quick wiring. Choose from three product ranges for your time control application.

Your advantages

- Exact configuration, from milliseconds to several days
- Set parameters conveniently right on the front of the housing
- Worldwide use of the multifunction time relays with wide range power supply unit
- Error indication and selective shutdown, thanks to floating PDT outputs



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Push-in Technology[®]
Designed by PHOENIX CONTACT

Monitoring relays – Compact and versatile

Phoenix Contact offers two device ranges so you can find your ideal monitoring solution. EMD-BL compact monitoring relays are ideal for simple monitoring tasks. Multifunctional EMD monitoring relays monitor electrical as well as physical system parameters.

Your advantages

- Efficient system protection in light of cost-effective monitoring solutions with numerous functions
- Increase in system availability as a result of continuous monitoring
- Detect errors as soon as they occur, thanks to limit value fine tuning and short response times



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Push-in Technology[®]
Designed by PHOENIX CONTACT

Safety relay modules – Proven safety technology

If you only require a few safety functions in your machine, our PSR safety relay modules with proven safety technology are the ideal solution. We offer the ideal module for every safety function: safe coupling relays, safety relays, multifunctional safety relays and zero-speed and over-speed safety relays.

Your advantages

- Versatile use – the ideal solution for every function
- Reliable, thanks to proven safety technology
- Fast installation and startup with user-friendly connection technology
- Space saving, thanks to the slim design



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Relay Technology[®]
Designed by PHOENIX CONTACT

Force-guided coupling relays – Universally applicable

The coupling relays with force-guided contacts from Phoenix Contact are basic devices for single-channel control. The coupling relays can be used for electrical isolation, power amplification, and increasing the number of contacts.

Your advantages

- Maximum safety with force-guided contacts in accordance with EN 50205
- Reliable signal exchange between two systems with response function



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Push-in Technology[®]
Designed by PHOENIX CONTACT

Technologies that inspire

Those who want to play a leading role with respect to technology must make a decisive contribution to current trends and developments. For Phoenix Contact, innovations are a pioneering bridge to the future. Stay in the loop: Discover just what our innovative technological solutions have to offer!



Push-in Technology [®]

Designed by PHOENIX CONTACT

Consistent from the field to the controller

With push-in connection technology from Phoenix Contact, you can easily and safely wire your entire application. Push-in – the new insertion experience.

Relay Technology [®]

Designed by PHOENIX CONTACT

Developed to change

Our team achieved the impossible: low space requirements, low energy consumption and maximum system availability in an extremely slim, high-performance elementary relay.

CONTACTRON HYBRID TECHNOLOGY

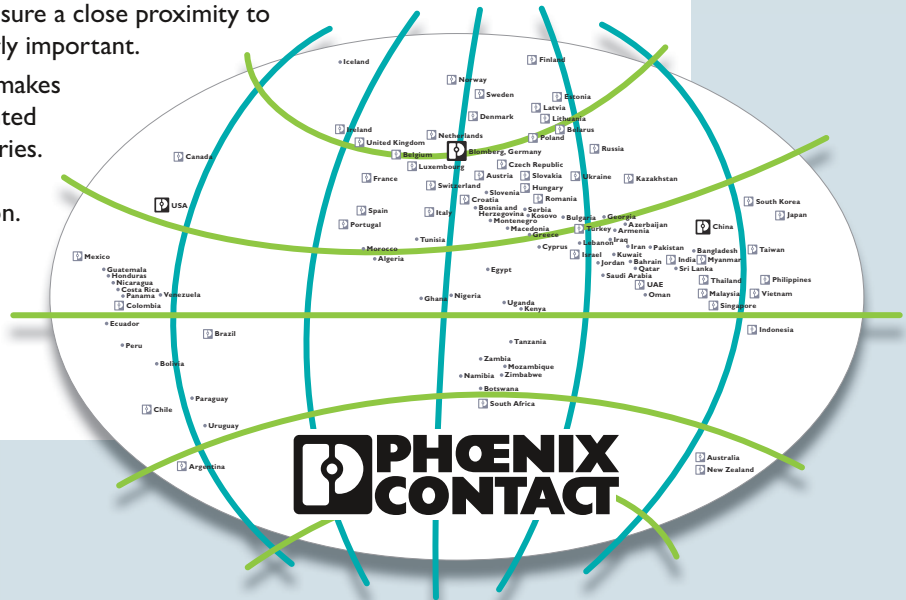
Motor switching, newly defined

CONTACTRON hybrid motor starter technology combines wear-free solid-state technology and robust relay technology. All reverse contactor functions on only 22.5 mm.

In dialog with customers and partners worldwide

Phoenix Contact is a globally present, Germany-based market leader. Our group is synonym for future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. A global network across more than 100 countries, and 14,500 employees ensure a close proximity to our customers, which we believe is particularly important.

The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for different applications and industries. We especially focus on the fields of energy, infrastructure, process and factory automation.



You will find our complete product range at:
phoenixcontact.com

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