



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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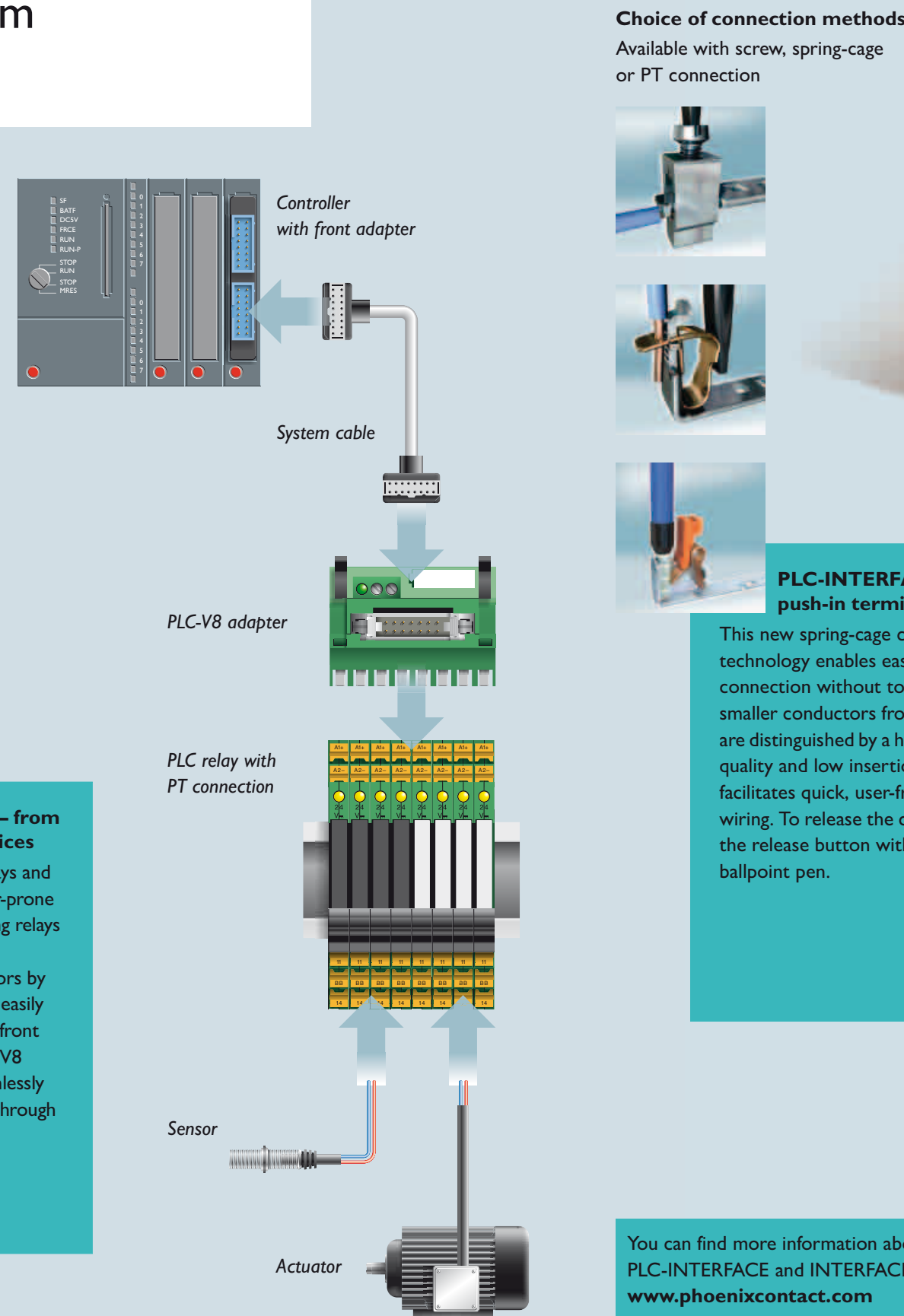


# PLC-INTERFACE

## The complete relay system

The PLC-INTERFACE relay system from Phoenix Contact acts as the high-performance interface between the controller and system I/O devices. PLC-INTERFACE provides you with a comprehensive range of ultra-narrow, plug-in relays and solid-state relays, plus a complete range of accessories. In addition, PLC sensor/actuator versions, switch modules, and filter series always provide the right interface for special applications. PLC-INTERFACE plus system cabling – fast plug-in connection of the controller and I/O devices.

**Straightforward connection – from the controller to the I/O devices**  
Save time and costs with PLC relays and system cabling compared to error-prone individual wiring. Use PLC coupling relays with PT technology for the direct connection of sensors and actuators by simply inserting them quickly and easily without tools. Together with the front adapters, system cables, and PLC-V8 adapters, your wiring can be seamlessly plugged in – from the controller through to the I/O devices.



**Choice of connection methods**  
Available with screw, spring-cage or PT connection



### PLC-INTERFACE with push-in terminal

This new spring-cage connection technology enables easy, direct connection without tools, even with smaller conductors from 0.34 mm<sup>2</sup>. They are distinguished by a high level of contact quality and low insertion forces. This facilitates quick, user-friendly, and secure wiring. To release the conductor, activate the release button with a screwdriver or ballpoint pen.

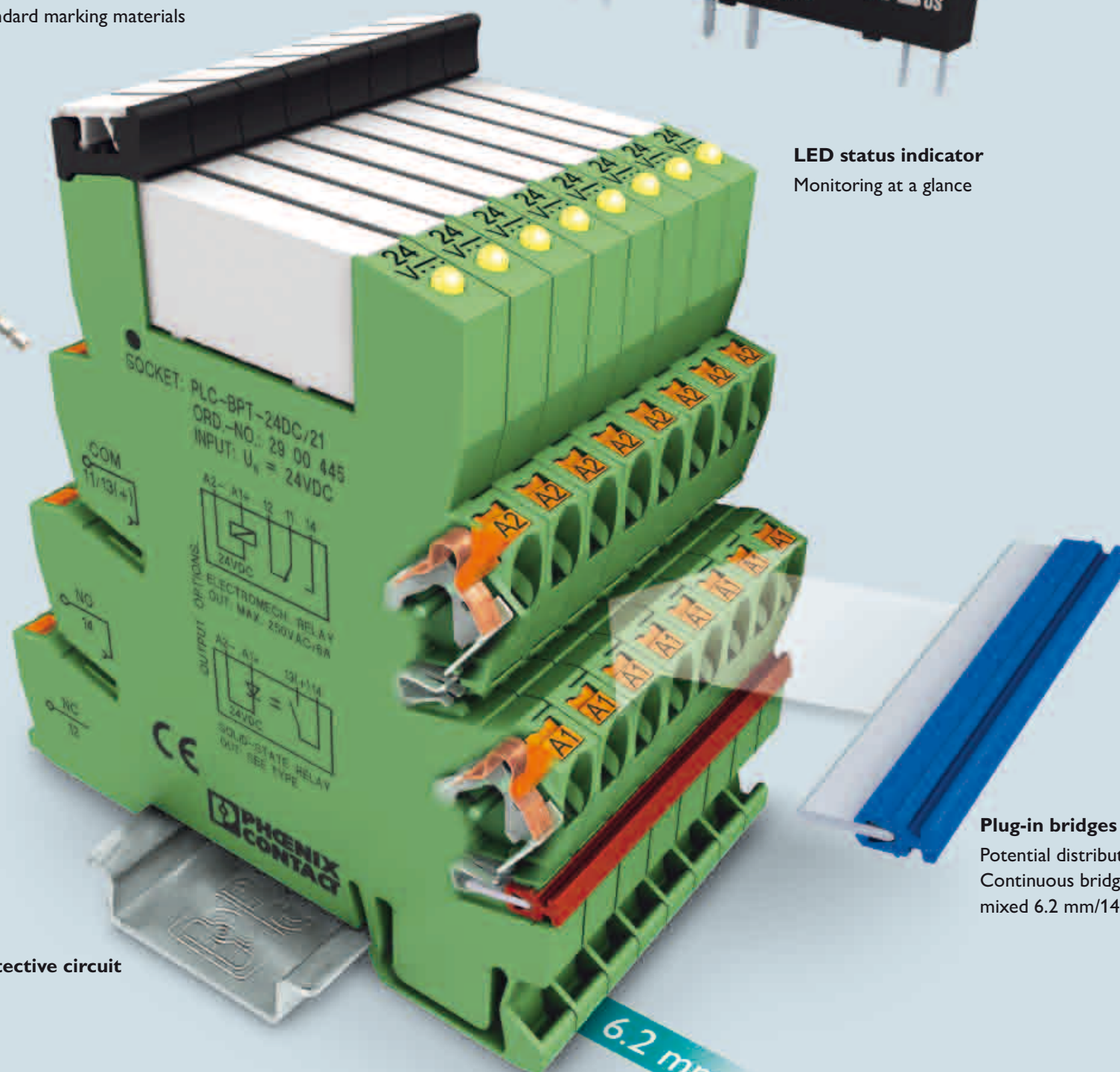
You can find more information about system cabling with PLC-INTERFACE and INTERFACE Cabling in our catalog or at [www.phoenixcontact.com](http://www.phoenixcontact.com)

**Professional marking**  
With standard marking materials



**Relay/solid-state relay**  
Easy to replace

**LED status indicator**  
Monitoring at a glance

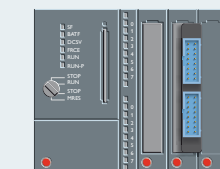


**Plug-in bridges instead of wiring**  
Potential distribution saves time. Continuous bridge also suitable for mixed 6.2 mm/14 mm PLC structures.

**Compact, space-saving housing**  
Only 6.2 mm and/or 14 mm wide

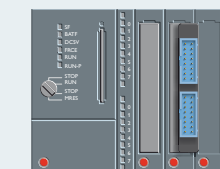
**Integrated input circuit and protective circuit**  
No external wiring required

### PLC-INTERFACE series



#### PLC sensor and PLC actuator series

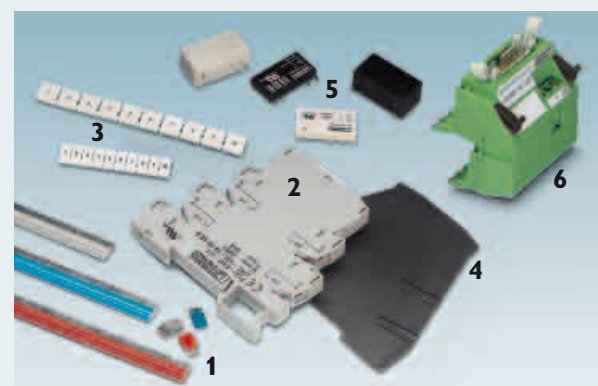
- Enormous savings in terms of time, space, and costs
- All connections for sensors and actuators directly on the coupling relay
- No additional modular terminal blocks for supply (sensor version) and output (actuator version)
- Available with screw, spring-cage or PT connection (same shape)
- With plug-in relay (white) or solid-state relay (black)



#### PLC universal series

- Can be used universally as input or output interface
- Available with screw, spring-cage or PT connection (same shape)
- With plug-in relay (white) or solid-state relay (black)
- Connection of sensors/actuators via modular terminal blocks

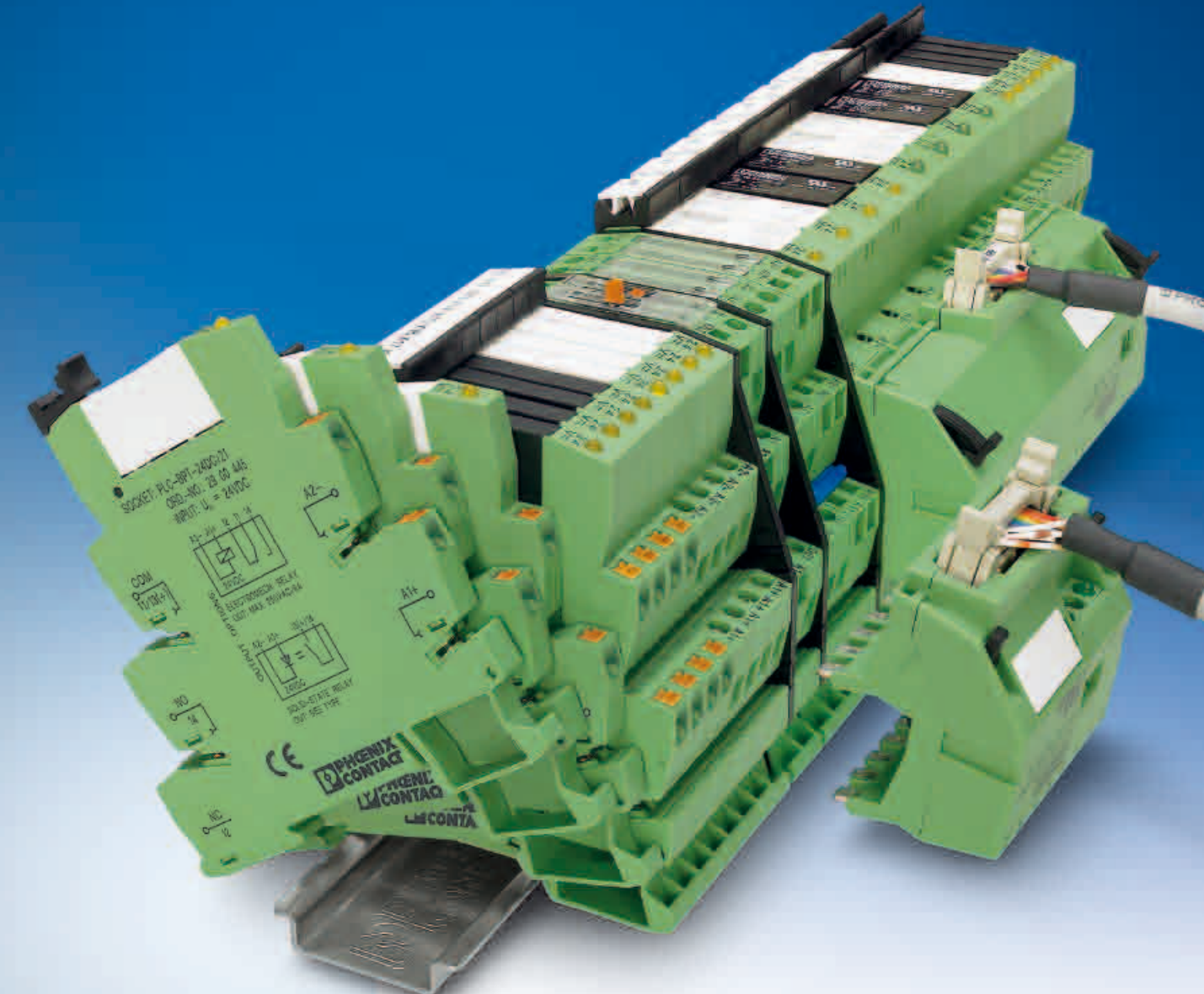
### PLC-INTERFACE accessories - the complete range



- 1 Continuous or 2-pos. plug-in bridges
- 2 Power terminal
- 3 Labeling/markings
- 4 Partition plate
- 5 Relay and solid-state relay (plug-in)
- 6 PLC-V8 adapter for connection with system cabling

### PLC-INTERFACE series for special applications

- **PLC railway** with extended temperature and input voltage range plus vibration resistance
- **PLC with integrated filter** for disturbances caused by AC leakage currents/long cables
- **PLC for high inrush or continuous currents** with lamp loads or electric heating systems
- **PLC-NAMUR** for NAMUR proximity sensors
- **PLC reversing load relay** for switching, reversing, and braking DC motors
- **PLC switch module** for MANUAL-0-AUTOMATIC functions



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