



**sprecher+  
schuh**

*INDUSTRIAL MOTOR CONTROL + PROTECTION*

# Product Linecard

visit [www.sprecherschuh.com](http://www.sprecherschuh.com)



High Performing,  
Efficient Products



A Thriving Company in a  
Dynamic Industry

## Visions shape the future.

At Sprecher + Schuh, helping our customers succeed is what we do best — with industrial control and informative solutions designed to give our customers a competitive advantage. From stand-alone, motor control components to wide integrated systems, our solutions have proven themselves across a wide range of industries and in some of the most demanding manufacturing environments.

We are driven to producing highly innovative Industrial Motor Controls with a focus on **precision**, **quality**, and **durability** and providing exceptional customer service. All with the aim of helping our customers succeed.

Sprecher + Schuh offers the smartest and most efficient solutions. We design, build and distribute a diverse line of motor control equipment with a focus on precision, quality, durability and cost effective solutions.

We offer a wide range of products starting with high performing contactors and overload relays to robust power supplies and efficient disconnect switches.



Leading Edge  
Manufacturing Facilities





Exceptional Customer Service  
and Technical Support



Industrial Certified  
Panel Shop

## Our vision is to be your dedicated motor control and protection consultant.

At Sprecher + Schuh, we continue a long-standing tradition of solving problems, achieving goals for our customers and creating new values with innovative, technical solutions.

We consistently work on improving our products and processes, maintaining industry standard certifications (national and international) in order to best serve you in all areas of your business. Sprecher + Schuh's elite panel shop is UL508A and cULus Approved as well and ISO 9001 certifications. We focus on [quality](#), [safety](#), [reliability](#) and [efficiency](#).



Engineering +  
Testing Services



**ISO9001, UL508A &  
UL1203 (NNNY)  
Certified Panel Shop**

## General Purpose and Definite Purpose Contactors

Our broad line of general purpose contactors combine performance and reliability in space saving designs that are well proven and used the world over. Sprecher + Schuh's design is dimensionally among the smallest devices in the industry. A range of definite purpose contactors is also available, providing reliable and economic performance in commercial applications.

- CA8 Contactor | to 7.5HP
- CA7 Contactor | to 75HP
- CA9 Contactor | from 75 to 900HP
- CAL7 Lighting Contactor
- CAN7 NEMA Sized Contactor
- CNX Special Purpose Contactors
- CDP2 Definite Purpose Contactor
- Enclosed Combo and Non-Combo Motor Starters up to 900HP
- Custom Multi-starter Control Panels



## Motor Protection by Overload Relays

Our CEP7 and CEP9 solid state overload relays are on the leading edge of technology in motor protection. The CEP7 overload relay includes features such as selectable trip class, a wide (5:1) set current adjustment range, and field installable modules. Front-mount modules provide added protection including Jam (Stall), Ground Fault, and Remote Reset capabilities. The CEP9 Overload Relay is an advanced electronic relay with a modular design, communication options, diagnostic information, simplified origin and integration into Logix. Our thermal overload relays provide consistent high quality by being ensured by a complex, factory current calibration procedure performed on each unit at full operating temperature.

- CEP7 Solid State Overload Relays
- CEP9 Advanced Electronic Overload Relays
- CT7N Thermal Overload Relays
- CT8 Thermal Overload Relays



## Softstarter Intelligent Controllers

We offer a full line of softstarter controllers that utilize reliable solid state electronics to soft start three phase induction motors. Various options such as "soft-stopping" and braking are also available. The PCEC Hydraulic Elevator line provides unique advantages not found in electromechanical or other solid state starters for elevator hydraulic applications.

- PCS Softstarter Controllers
- PF Softstarter Controllers
- PCEC Elevator Softstarter Controllers
- Enclosed Combo and Non-Combo Softstarter Controllers up to 400HP
- Custom Multi-Softstarter Control Panels





## Motor Circuit Controllers

Our series of Motor Circuit Controllers are some of the most versatile and technologically advanced control products available today. In one small package, our KT9 series are designed to be used in multiple types of applications with combined functions of current limiting short circuit protection, class 10 thermal overload protection, switching and signaling.

- KT9 Self-protected Motor Circuit Controllers
- Enclosed KT9 Motor Circuit Controllers
- Enclosed CX7 Combination Starters
- Explosion proof KT9 Motor Controllers
- KTV9 for use with VFDs
- KTU9 Molded Circuit Breakers (UL489)
- Wöhner 3-Phase 60mm Bus Bar Systems
- Custom Multi-Motor Starter Panels



## Disconnect Switches

From "do-it-yourself" to fully assembled, we offer a complete selection of service entrance and motor load rated disconnect switches including a selection of three, four and six-pole enclosed disconnects for any industrial application.

- L7 Motor Disconnect Switches to 100A
- L7 Enclosed Disconnect Switches
- L11 Fusible | Non-Fusible Disconnect Switches up to 1200A
- L11 Enclosed Disconnect Switches



## Rotary Cam Switches

Our LE2 and LA2 rotary cam switch product line is available for all control and load applications up to 25 amps. The line is modular and has many convenience and safety features. The R-Line Rotary Cam Switch line offers a broad selection and rugged quality for specialized switching requirements or large ampere applications up to 40 amps (@600V).

- L2 Rotary Cam Switches
- R-Line Rotary Cam Switches



## Pilot Devices

Our rugged D7 pilot devices offer maximum flexibility and a wide choice for all applications. This 22mm line is aesthetically appealing with two different body styles and a modular design to make assembly and interchangeability easy, while maintaining the rugged performance necessary for demanding environments.

- Non-Illuminated | Illuminated Pushbuttons
- Emergency Stop Operators
- 3-Position Non-Illuminated | Illuminated Operators
- Selector | Toggle Switches
- Multi-Function Pushbuttons
- Selector Jog Operators
- D7D Monolithic Pushbuttons
- E-Stop Pushbutton Stations
- Pushbutton Stations and Enclosed Assemblies



## Control and Timing Relays

We provide our customers a diverse selection of control and timing relays. Our CS7 model is designed for reliability for typical control circuits up to 10A. The miniature CS8 provides just as much ruggedness and absolute reliability, but in a smaller package. Our RZ7 timer relays offer 19 different output functions applicable to all types of industrial control. Our partnership with Relpol and Gefran provide access to a wide variety of additional miniature and solid state relays

- CS7 Control Relays
- CS8 Control Relays
- RZ7 Electronic Timers
- Gefran Solid State Relays
- R2N | R4N Plug-in Power Relays
- R15 Plug-in Power Relays
- RY2 Plug-in Power Relays
- RUC Plug-in Power Relays
- PI84 | PI85 Interface Relays
- PIR6W Slim Terminal Block Interface Relays



## Circuit Protection

We offer a full range of UL1077 supplementary protectors, UL489 rated miniature circuit breakers and fuse holders for your over current protection for a wide-range of applications. Our circuit protection devices are built for touch-safe control and are compact in design.

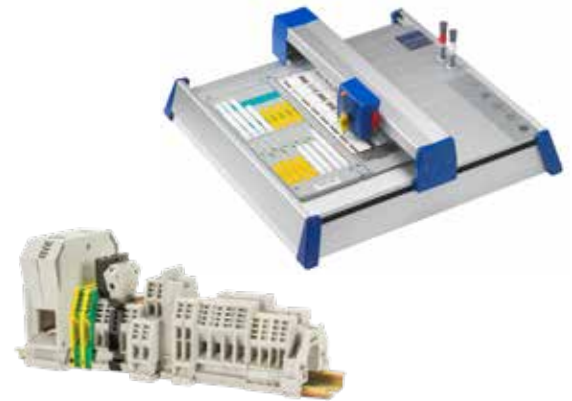
- L8 UL-1077 Supplementary Protectors
- L9 UL-489 Miniature Circuit Breakers
- Ambus Wöhner Fuse Holders



## Terminals

Our V7-W terminals are designed to meet the three most important criteria when selecting a terminal block line - ease of wiring, secure connections and durability. Our line is comprehensive with a wide array of terminal types for most circuits and functions, from control to low level power.

- V7-W Screw-Type Terminals
- V7 Terminal Marking Systems



## Signaling Solutions

We offer high quality, heavy duty Auer Signal visual and audible signaling solutions. This product line includes 50mm and 70mm warning tower lights, along with a variety of 22mm panel mounted visual and audible beacons, multi-tone alarms and sounders. Auer Signal products are a perfect compliment to our world class industrial control product line.

- **22mm Panel Mount Visual / Audible Signaling**
  - Beacons
  - Sounders
  - Beacons plus Alarms
  - 30 mm, 45 mm, and 65 mm diameters
- **Signal Towers**
  - PC70 (70mm)
  - MS50 (50mm)



**Auer Signal**



## Power Supplies

We partner with the high quality industrial supplier ADEL to provide our customers with superior quality power supplies. These power supplies offer unparalleled benefits with a metal IP 20 case, built-in overload protection and ability to be applied to numerous applications and industries.

- 24VDC Power Supplies | 60W to 600W
- Flexible Switching Power Supplies

**ADELSYSTEM**



## Motors with Integratrated VFD

Sprecher + Schuh is proud to partner with the future of motors, the Infinitum All-in-one Motor plus Variable Frequency Drive. The Infinitum motors include a PCB stator and are 50% lighter, 30% quieter and 10% more efficient than traditional AC induction motors.

- Aircore EC motors
- 5 to 15 HP @ 460V\* – AE series / rated IP54
- 5 to 10 HP @ 460V\* – AH series / rated IP65
- Speed range of 1800 to 4200 RPM
- Steel or hybrid bearing options

\* other line voltages in the future

 **Infinitum**





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*For more information, contact your  
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