

SCHLEICHER

System solutions for the industry



SCHLEICHER

Relais und Automatisierungssysteme



Product Sortiment



- Control-Systems
 - CNC-Systems
 - PLC-Systems
- Operator panels
- Field bus systems
- Time-delay Relays, All- or nothing Relays
- Safety-switching devices
- Measuring and monitoring Relays
- Modular Safety-Minicontrol

Decades of practical experience

- Mid-size company
- About 200 employees
- For over 60 years in Berlin
- High-quality, high-performance technical systems and products for electrical equipments of machines and installations
- Automation technology and electronic components
- Customers are leaders among international machines- and installation builders
- Our high-tech solutions point the way





65 years of innovation

1937

Company foundation in Berlin

1948

Reconstruction after the war

1958

Worldwide the first multifunctional relay MZ 54

1976

First free programmable PLC

1982

First electronic series 22,5 mm

1983

One-board 8-axis-CNC

1988

Integrated CNC-RC-PLC-Systems

1989

Safety-switching devices

1997

Remote I/O system, MICRO PLC

2000

PC-based PLC-CNC-Systems

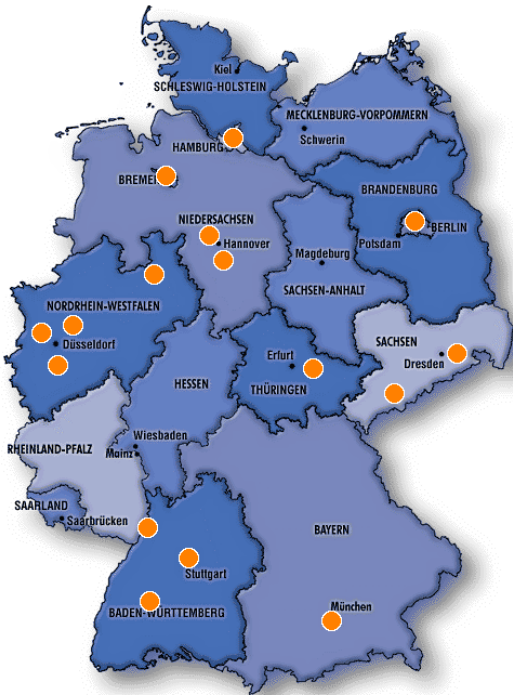
2001

New generation of devices time-relays, Safety Center

2002

PLC/CNC System XCx, Remote I/O-IP67





SCHLEICHER / Germany

- Bielefeld
- Hamburg
- Hannover
- Freiburg
- Essen
- Bremen
- Hessen
- Sachsen-Anhalt
- Schleswig-Holstein
- Mecklenburg-Vorpommern
- Köln
- Krefeld
- Stuttgart
- Dresden
- München
- Thüringen
- Brandenburg
- Mannheim

Berlin

SCHLEICHER worldwide



- 56 agencies and trade partners worldwide
- In all regions of industry in all 5 continents



Fields of applications

Plastic Technology

Injection-mould technology
Deep-drawing technique

Textile industries

Sewing machines
Washing machines

Food, beverages industries

Packaging machines
Labelling machines

Special applications

Glass manufacturing machines, Melting installations

Tool- machines

Surface grinding machines
Grinding centers

Robotic automation

Manipulation-robots
Special applications

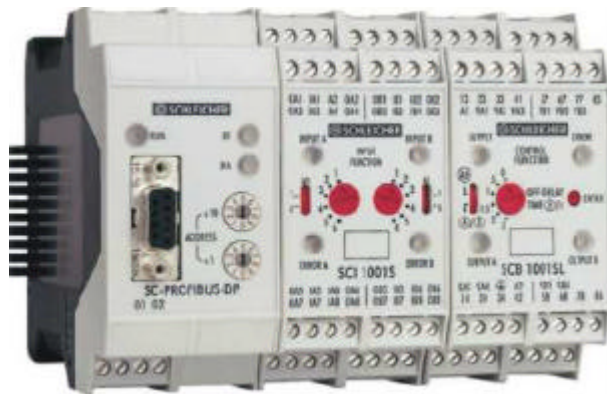
Safety Switching Devices

No risk with safety



- All devices in the small 22,5 mm-housings with environmentally-friendly materials
- High packing density for a low price
- Installation and removal on standard DIN rail without tools
- Industrial environment from -25°C up to +60°C
- Up to AC 230 V supply voltage

More safety – Safety Center



- Integrated field bus connection
- Diagnosis on LEDs and in higher-order controller
- Handling and start-up without additional equipment
- Simple operations and later modifications
- Almost no engineering costs
- No programming system required
- Cost advantages with 5 safety channels or more



High-Tec „Time and Protection“



- 16 switchable time intervalls from 0,05sec to 300hrs
- Multi-voltage relays AC/DC from 16,8 to 264 V
- Multi-function relays with up to 16 functions
- Universally applicable in rough industrial environments



- Measuring voltage max. AC/DC 500 V
- Signal current max. AC/DC 15 A
- Environmentally compatible, without halogen and cadmium

Innovative Technology



- Local PLC supports data pre-processing without field-bus delay
- Universal connection: direct or via field-bus
- Start-up and diagnostic functions for service without field-bus
- No demand of switchbox
- Resistant towards oils, metal chips, fine-dusts, liquids and dirt
- Versions with emergency-stop-pushbutton, hand wheel or joystick

CNC-Systems

Systems in Trend



- Highest performance
- PLC for processing
- Motion controller for high-speed machines
- CNC for interpolated motion
- RC for handling systems and Robots
- Connection to management level via TCP/IP
- Linking of visualization software via OPC-Server
- Peripherals and drive connection via field-bus CANopen und drive-bus SERCOS

System solutions from Schleicher:



- Effective
- In line with standard usage
- Continuous
- Convinced
- Comfortable
- Safe
- Robust
- Independently
- Modular
- Versatile
- Current

www.schleicher-de.com