

APS Your Partner in Control Technology & Automation



Our company

APS systems AG is located in Niederbuchsiten in the canton Solothurn in Switzerland since beginning of April 1998.

Our company's goal is to live up to the increasing expectations in the building services engineering sector. To meet this goal we count expertise, energy and eagerness to break new grounds among our main qualities.

APS systems AG designs, manufactures and brings to the global market annunciator systems, network and recording devices as well as control components. Two thirds of our products are being exported and meet the highest expectations worldwide in the day-to-day application in terms of quality and operational availability.

Due to our product portfolio we are in the position to meet your requirements on a high level. One-source solutions, innovative thinking, extensive consultation and determination of requirements leading to the choice of the right product with a high operational safety are the key factors of our success.



APS systems AG, Niederbuchsiten

Our services

APS systems AG offers a broad range of services, the decisive factor being the overall benefit for our customer.



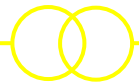
Our products

The APS systems AG offers you a wide range of products for the control and switchgear construction as well as for all automation areas. Among others we count mechanical and apparatus engineers, electricians and switchgear engineers to our satisfied customers. Real estate owners and operators also value the comfort and safety of a fault indicator system.

The broad range of own product lines is supplemented with trade goods of renowned manufacturers. One of our representations is the Danish manufacturer Brodersen Controls A/S. The standard products are deliverable ex our warehouse in Niederbuchsiten.

Are you looking for a special solution for your project? We are also at your disposal for individual applications and offer you the appropriate solution for your issue.

Power supply



Network devices EcoPower PSU

Compact power supply units in conventional transformer/commutator technology. Ideal for applications with high starting currents or peak currents. Primary 230 or 115VAC; secondary 12 oder 24VDC; performance from 1 to 10A.



Network devices EcoPower PSS

Compact power supply switching for the DIN-rail assembly in the switchboard. Primary 230VAC; secondary 12 or 24VDC; performance from 1 to 5A.

Transformers EcoPower PSA

Compact transformers for the DIN-rail assembly in the switchboard. Primary 230VAC; secondary 12 or 24VAC; performance from 18 to 75VA.

Signalling



Display systems

LED display module AS-D16 for front assembly with 16 DUO-LED. Integrated control keys and buzzer.

Text display TS70 with input modules on the DIN-rail along with external display unit for the front assembly. Extendable to 70 inputs, integrated control elements and buzzer.



Diode modules

Diode matrixes for DIN-rail assembly. Straightforward implementation of lamp test or general On-functions. Versions for AC as well as DC operation.

Fault indicator system/status control



Fault indication components

Basic collective or new/initial value indicator for the monitoring of machines, instruments and infrastructures. Signalling with LEDs and integrated buzzers. Additional potential-free contact for horns and flashbulbs.



Fault indicator systems

Modular Bus systems to monitor large buildings or whole complexes of buildings. Display and control on-site with text display. Logging of all incidents in logfiles. Alarm forwarding via e-mail, SMS, text message, FAX or SNMP-traps. Integration in the existing network infrastructure. Remote access and maintenance via browser. User-friendly programming due to clear visualisation.

Time relays



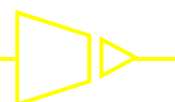
Multifunctional relay Brodersen UNIC

Relay with up to 4 frontally adjustable functions and time domains.
Plug base or DIN-rail assembly; 1 or 2 switch-over contacts.
Variants with wide tension range 10-256V AC/DC.
Special functions such as asymmetrical time base, one shot leading and shot trailing edge.
Variants with potentiometer connectivity for external time adjustments.
Variants with external release and break switch.

Plugin delay VG

Plugin delay of 0.09s to 40min; tension ranges of 20–250V AC/DC.
Simple wiring with 2 wires only in customer's series.
The VG does not require distribution voltage.

Process relays



Signal converter / breaker Brodersen PX

Signal converter with 3.75kV galvanic break for the conversion of measurement and control technology signals into standard process signals. Even analog signals can be connected to digital inputs in such way.
Variants in the 22.5mm standardised industrial case for the mounting on a 35mm DIN-rail.

Control and monitor relay Brodersen MX

Monitor relay for deviances detection in a multitude of measurands. Among others it can detect and display under- or overvoltages, under- or overcurrents, phasing, fill level or temperature deviations.
Variants in the 22.5mm standardised industrial case for the mounting on a 35mm DIN-rail.

Long distance effect / Data logging

RTU



Long distance module

Compact stand-alone devices with integrated power supply and modem for remote control, alertion and logging of all processes. The SMS agent is among others ideal for smaller facilities like pump and transformer stations, but also for holiday homes with up to 4 digital and 2 analog inputs.

Long distance systems / RTU

RTU32 combines the functions and performance of a long distance station with those of a modern SPS and an industrial PC. A characteristic feature is the low current demand due to the Sleep Mode technology. This allows the supply by means of solar panels or by the exclusive use of batteries. RTU32 can be integrated in standard IT networks. A wide range of I/O modules is available for an upgrade.