



Axis Controls

CONTROL PANELS & PLC AUTOMATION SYSTEMS

Manufacturers of Bespoke Electrical Control Panels



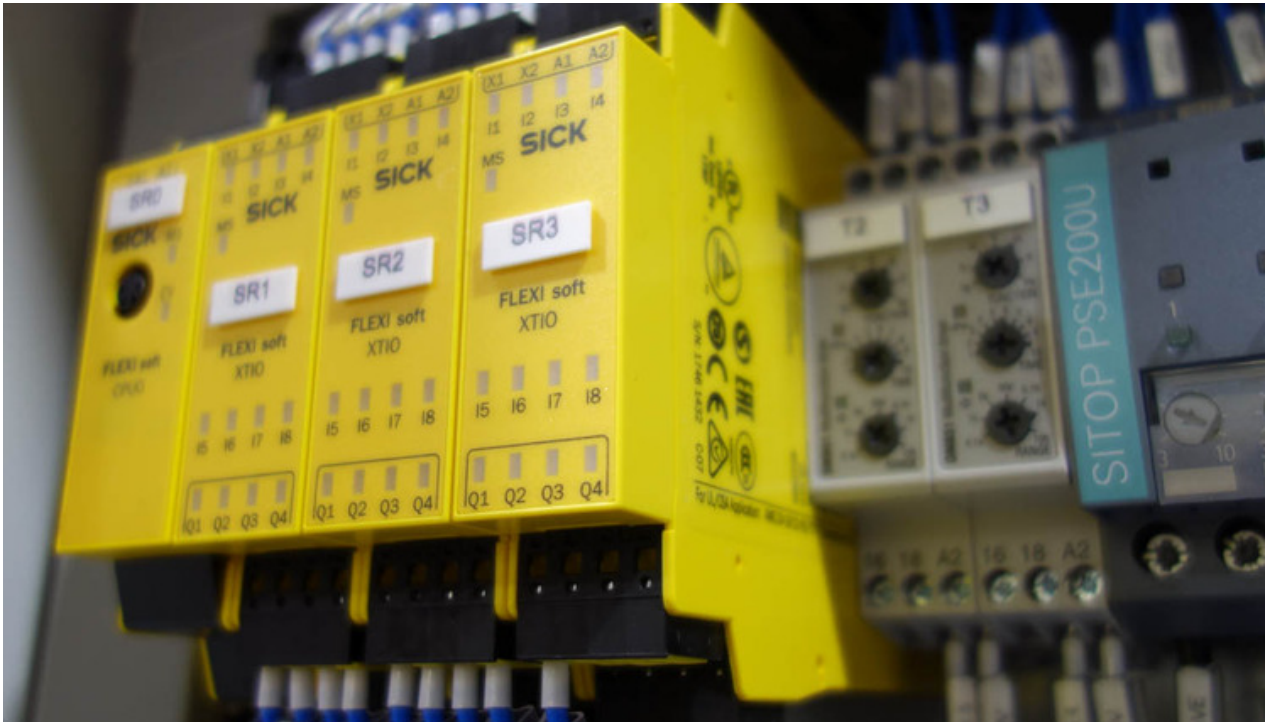
"We use Axis Controls for quality products and components. A reliable company that gives us confidence to deliver bespoke machines"



Quality is our No.1 priority



About us



Axis Controls (NW) are a UK based electrical control panel builder and systems integrator with UL508A accreditation. For over a decade we have provided control panel and automation solutions to OEMs, machine builders and a wide variety of industrial end users.

At our site in Southport we design and build electrical control systems for an extensive range of industrial manufacturing and control applications. Each system is bespoke and designed to your specific requirements delivered within a specified lead time.

We use the very latest electrical design software - ePlan Pro Panel Professional, alongside Solidworks for 3D modelling of components and

laser cutting of control panel doors.

All systems designed by Axis Controls are issued with both hard and digital drawing copies for your reference.

We are ISO 9001 accredited and have full traceability throughout our manufacturing process. We use MRP software that controls and tracks each panel build; from quotation, parts ordering, goods receipt, job cards for work processes to final inspection and dispatch.

We strive to achieve the highest possible build quality. All control panels built by Axis Controls are assembled to the highest standards and are fully compliant with the relevant British and European standards and directives.

Case Studies

Over the last decade, Axis Controls have recommended the best and most-effective solutions to our customers.



Winding Process

Axis Controls were commissioned by an machine builder to build a waste winding system.

For this machine we used a Allen-Bradley PowerFlex variable speed drive panel, featuring a range of both PowerFlex 525 and 735 drives with EtherNet and IP communications, alongside a CompactLogix PLC system.

We also used a Woehner busbar system for power distribution and Sick safety solutions.



Drying Systems

We were commissioned by a food manufacturer to create a multi-zone french-fry drying system.

For this machine we used Rittal multi-bay control panel, complete with an Allen-Bradley CompactLogix PLC system, alongside various ABB drives, an ABB isolator and ABB MCCBs & Contractors.

We also used a Woehner busbar system, with Sick FlexiSoft safety system, and Pheonix contact relays.



VSD Systems

A local automation company asked us to design and build a chick hatchery conveyor control system.

This control panel design was based around Siemens soft starters and Parker 650 variable speed drives. The sequence control for this automation was based around an Omron PLC, with an Omron touchscreen operator interface.

We used a Pilz modular safety controller was used for the E-stops and guard switches.

Specialists in...

- AV Variable Speed Drives
- DC Variable Speed Drives
- Safety Systems
- HVAC
- Pumping
- Temperature Controls
- Process Heating
- Liquid Level Control
- Winding & Slitting
- Servo Control Systems
- X-Y Positioning
- Pick and Place
- Linear Actuators
- Process Control Systems



Axis Controls (NW) Ltd.
Units 9-10 Kensington Industrial Estate
Hall Street
Southport
Merseyside

Telephone: 01704 539 312

Website: www.axiscontrols.co.uk

Email: sales@axiscontrols.co.uk