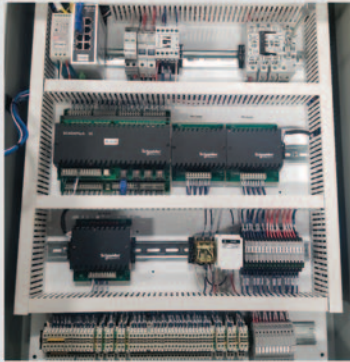


ISC Automation

Parts & Services from ISC Companies



- + UL 508A/698A Certified Panel Shop
- + Industrial Control Panel Design & Build
- + Machine Guarding & Safety Solutions



ISC Automation

ISC Automation from ISC Companies is a specialized group of electrical professionals committed to providing custom industrial control solutions.

UL Certified Panel Shop



We are a UL 508A/698A certified panel shop with in-house electrical engineers and designers experienced in drafting, building, programming, and supporting Industrial Control Panels (ICPs) for use in a variety of applications and working environments.

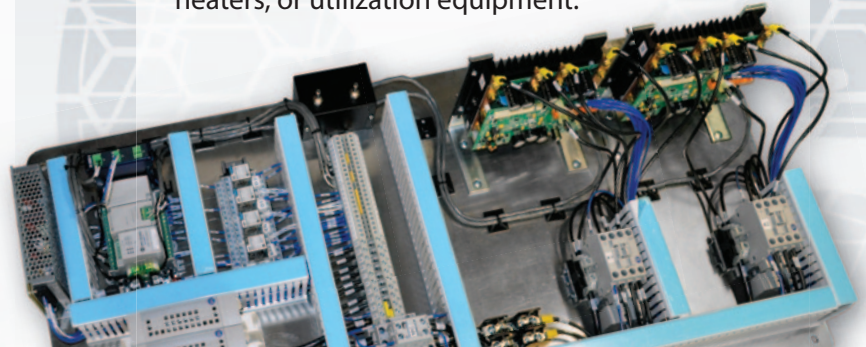
Using UL listed or recognized components in a control panel *does not* guarantee it will meet applicable UL safety requirements. The only way to ensure that the entire assembly complies with UL standards, is by having a UL certified panel shop build it.

UL 508A Certification • File No. E358432

- Category NITW.E358432/NITW7.E358432
- Industrial Control Panels
- Certified for United States and Canada

This category covers Industrial Control Panels, which are factory-wired assemblies of industrial control equipment, such as motor controllers, switches, relays, and auxiliary devices. They may include disconnect means and motor branch-circuit-protective devices.

An Industrial Control Panel does not include the controlled loads, including motors, luminaires, heaters, or utilization equipment.



UL 508A/698A Certified Panel Shop

UL 698A Certification • File No. E468806

- Category NRBX.E468806/NRBX7.E468806
- Industrial Control Panels for Hazardous Locations
- Intrinsically Safe Circuit Extensions Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III
- Certified for United States and Canada

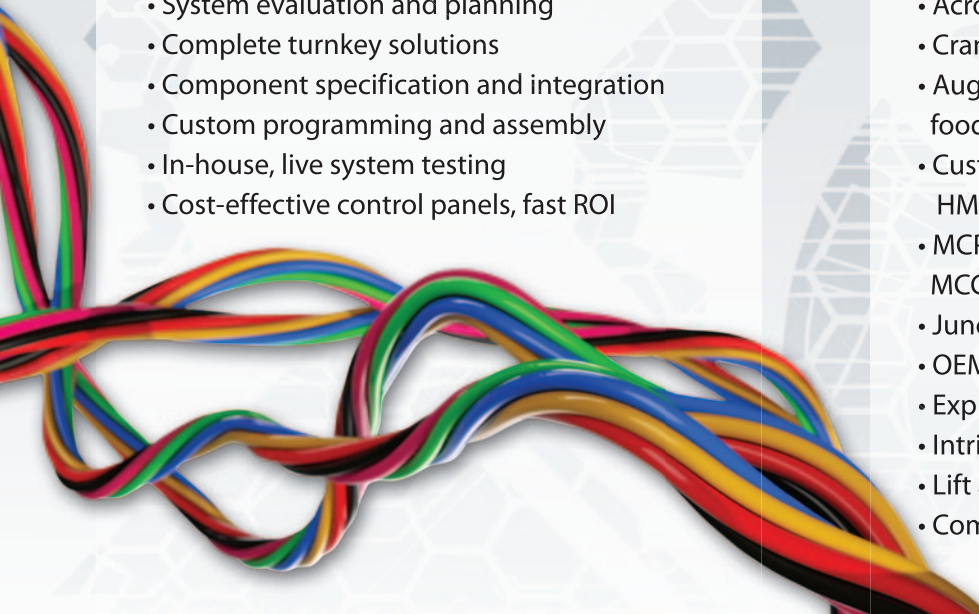
This category covers Industrial Control Panels relating to Class I and II, Division 1 and 2, and Class III hazardous locations, which are factory-wired assemblies of industrial control equipment, such as motor controllers, switches, relays, and auxiliary devices. They may include disconnect means and motor branch-circuit-protective devices.

They are additionally marked if intended for industrial machinery (metalworking tools, power press controls, plastic injection molding), crane or hoist control, service equipment use, flame control of fossil-fuel-burning equipment (incinerators, kilns, drying ovens), marine use, air conditioning, and refrigeration equipment.





Panel Shop Capabilities

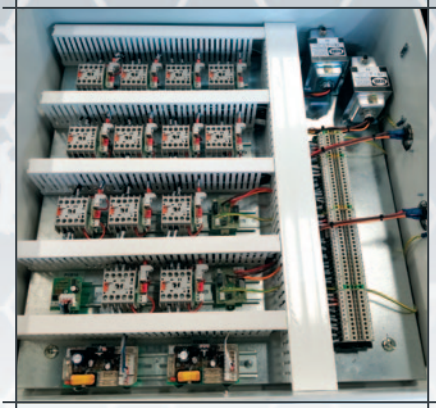
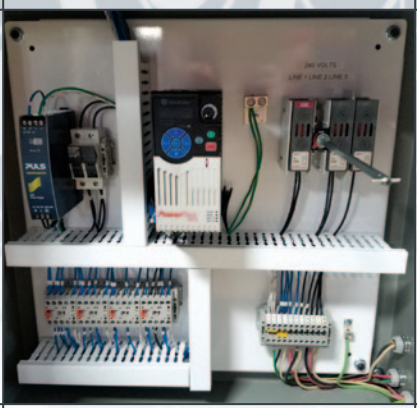
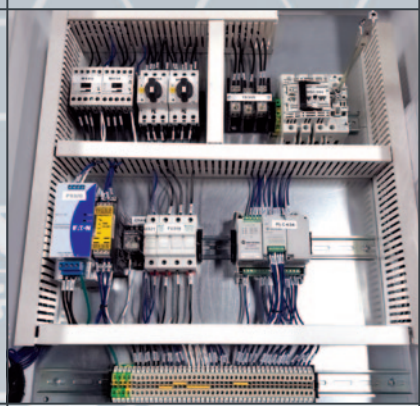
- PLC (Programmable Logic Controller) systems
 - HMI (Human Machine Interface) systems
 - PC-based control systems
 - System evaluation and planning
 - Complete turnkey solutions
 - Component specification and integration
 - Custom programming and assembly
 - In-house, live system testing
 - Cost-effective control panels, fast ROI
- 

Custom, UL Listed Control Panels

Concept • Design • Build • Programming

- Fan and pump control panels
- Wastewater control panels
- VFD (Variable Frequency Drives) starter panels
- Across-the-line starter panels
- Crane and hoist control panels
- Auger and conveyor control panels, including food and beverage
- Custom automation panels with PLC and HMI user interface
- MCPs (Motor Control Panels) including large MCC (Motor Control Center) panels
- Junction and tie-in panels
- OEM contract panel assemblies
- Explosion proof/hazardous location panels
- Intrinsically safe control panels
- Lift and rotation control panels
- Combination motor starter panels

Industrial Control Panel Design & Build



Complete Machine Safety Solutions

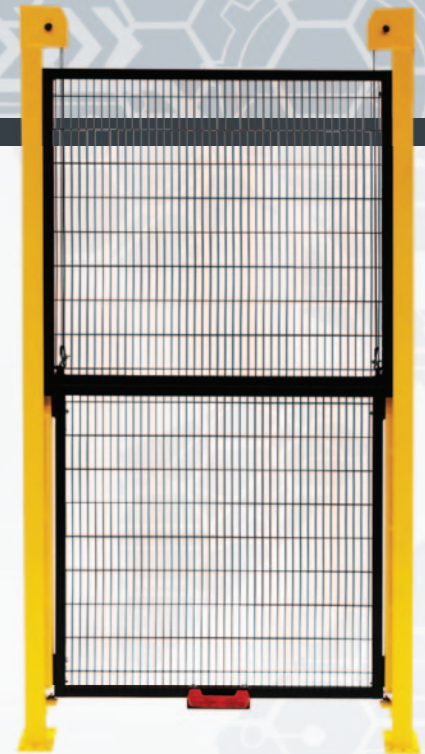
Don't make the mistake of waiting for an accident to happen or for a citation from OSHA—make machine safety and guarding a priority today and avoid injuries and fines!

We offer a broad range of safety-related parts and services—from simple components, from manufacturers like Schmersal and Satech, to custom machine safety solutions, designed and built by our engineers.

On-Site Machine Safety Consult – We'll Come to You

Our experts are well-versed in current regulations that apply to plant safety and machine guarding. We can guide you through the process of safeguarding your equipment with an on-site consult, which consists of:

- a facility walk-through and systems assessment
- an evaluation of existing machines and processes
- identification of non-conformities, hazards, and risks
- a review of our findings and recommendations
- developing a corrective action/improvement plan
- designing, building, and implementing solutions



Machine Protection 

SATECH
Modular Machine Guards

- Perimeter guarding/safety fencing
- Panels (meshed, sheet metal, transparent)
- Doors (hinged, folding, sliding)
- Locks (mechanical, safety switch, interlock)

Machine Guarding & Safety Solutions



Safe Signal Processing ⬆

- Safety-monitoring modules
- Programmable safety controllers



⬅ Tactile Safety Devices

- Safety edges and mats



Optoelectronic Safety Devices ➡

- Safety light barriers
- Safety light grids
- Safety light curtains



Safety Guard Monitoring ➡

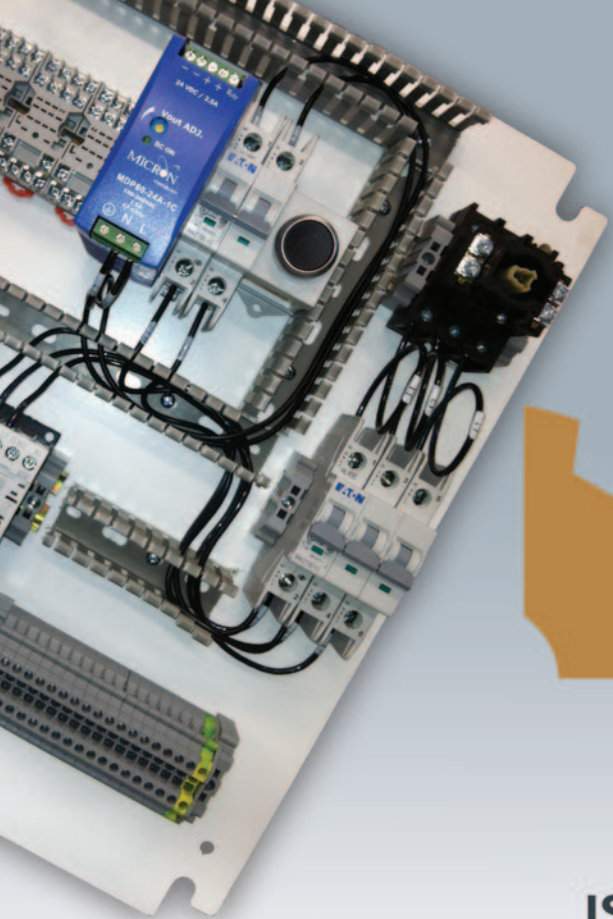
- Solenoid interlocks
- Key trapped systems
- Position switches
- Safety sensors
- Safety switches with separate actuators
- Safety switches for hinged guards



Command Devices with Safety Function ⬇

- Pull-wire emergency stop switches
- Emergency stop control devices
- Control panels
- Enabling switches
- Safety foot switches





ISC
AUTOMATION

ISC Companies, Inc.

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