

Sensors & Controls Group

Monitoring and controlling your process improves efficiency and safety. ISC Companies provides a full line of sensors and controls, from bar code and RFID products, timers, counters and temperature sensors to audible and visual alarms, circuit breakers and switches.

PRODUCT GUIDE

Audible and Visual Alarms (Including Hazardous Locations)

Annunciator systems
Event recorders
External horns and accessories

Conductor bar systems (power rail)
Festoon systems (flat and round cable)
Radio remote controls
Slip rings
Control pendants

Terminal blocks
Thermal overload relays
Timers

Motor and Load Protection

Circuit protectors
Manual motor protectors
Molded case circuit breakers
Miniature circuit breakers (UL 1077, UL 489)
Earth leakage protectors
Voltage monitoring relays
Amperage monitoring relays
Phase monitoring relays

Laser scanners
LED displays
Light curtains
Limit switches
Mats
Monitoring relays
Non-contact sensors
Perimeter guarding
Solenoid interlocks
Two-hand controls

Sensors

Analog
Barrel style
Capacitive
Color sensors
Contrast sensors
Cord sets
Cuboids
Cylinder
Cylindrical
Diffuse / proximity
Distance sensors
Doppler motion
Fiber optic
Fiber optic cables (glass & plastic)
Laser sensors
Magnetic
Mounting brackets
Non-ferrous
Photoelectric
Proximity
Reflex /retro-reflective
Surface mount
Through beam
Ultrasonic sensors
Vision systems

Switches

Cam style
E-stops
Limit switches
Main disconnects
Pendent stations
Pilot devices
Push buttons
Start/stop stations
Toggle / rocker



Wire and cable

Auxiliary taps
Conduit fittings
Cord connectors
Cord grips
Cord sets
Distribution boxes
Field attachable
Plug & play connectors
Receptacles
Shielded cable
Strain relief
Terminal strips
Wire connectors
Wire duct
Wire wrap

Value Added Services

Control integration
Control panel design
Control panel fabrication (UL 508 A)
Cord sets & Wire assemblies/harnesses
Machine safety audits & training



Intercoms
Multi-tone
Outdoor
Rotating / flashing
Safety alarms
Stack lights
Status indicators
Strobe

Control Enclosures (NEMA 12, 3R, 4, 4X, 7, 9)

ABS / polycarbonate
Aluminum
Coated steel
Explosion-proof conduit fittings
Explosion-proof instrument housings
Explosion-proof junction boxes
Explosion-proof meter housings
Fiberglass
Stainless steel

Crane and Hoist

Electrification and Control

Spring retract cable reels
Motor driven cable reels
Hand rewind cable reels

Fluid Control

Flow / level sensors
Pneumatic valves
Solenoid valves
Stainless steel

Mining and Utility Products

Cable couplers (Up to 15kV 500 Amp)

Motor Controls

AC / DC drives
Contactors
Contacts and brushes
Control relays
Control transformers
Enclosed starters
Fused & non-fused disconnect switches
General purpose relays
Manual motor starters
Motor starters
NEMA / IEC
Pilot devices & indicator lights
Power supplies
Reversing contactors
Switch rated plugs and receptacles

Position Feedback and Machine Tool (CNC) Components

Absolute encoders
Angle encoders
CNC tool checks
Digital readouts
Incremental encoders
Length gauges
Exposed linear encoders
Rotary encoders
Sealed linear encoders
Servo encoders
Wire Line Encoders

Programmable controls

Counters
PLCs
Programmable relays
Temperature controls
Timers

Safety

Area scanners
Bumpers
Cable pulls
Contact strips
Door handles
Foot switches
Hinged interlocks
Interlock switches

- **INDUSTRIAL CONTROL DESIGN**
- **SYSTEMS ENGINEERING**
- **CUSTOM ELECTRICAL ASSEMBLIES**
- **MACHINE INTEGRATION**

MANUFACTURERS

ABB	KEB America	RTK Instruments
ABB/Baldor Drives	Kleinhus	Schaefer
AC Tech	Klockner Moeller	Schmersal
Acu-Rite	Lafert	Tape Switch
Adalet	Leeson	Teco
AEG (EE Controls)	Leine & Linde	Westinghouse
Analam	Lenze	Toshiba
B&J (Benedikt & Jager)	Lincoln Electric	TR Electronics
Baldor Electric	Meltric	Vacon
Bodine Electric	Mencom	Warner-Bernstein (AEG Safety)
C3 Controls	Micron Industries	WEG
Conductix Wampfler	North American Electric	Wieland
Durant	Panalarm	Worldwide Electric
Fuji Electric	PLM	
Hammond Manufacturing	Reliance Electric	
Heidenhain	Renco	
Hitachi	Reuland Electric	
IFM Effector	RSF Elektronik	



UL 508a Panel Shop

ISC
COMPANIES

Main Office
12905 Highway 55 West
Plymouth, MN 55441
763.559.0033 800.627.9434

Sioux Falls
1100 West Russell
Sioux Falls, SD 57104
605.336.3471 800.477.2565

Rapid City | Adams-ISC
2131 Rand Road
Rapid City, SD 57709
605.343.9393 800.677.7335

Williston | Adams-ISC
636 East Broadway
Williston, ND 58802
701.774.1883 855.660.3060

IDC-USA warehouse
Indianapolis, IN

©2014 ISC Companies

Reno, NV

www.iSCcompanies.com