

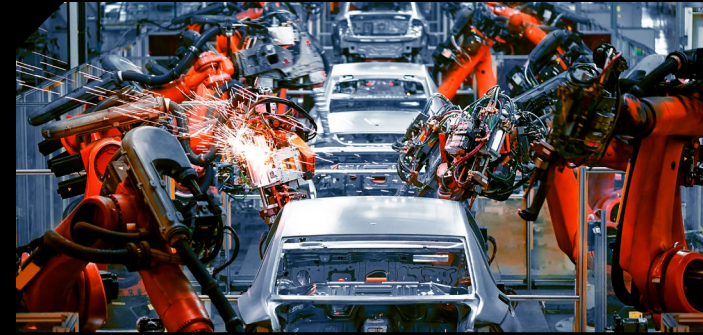


# LINE CARD





WITH SALES SUPPORT ACROSS CANADA,  
XTRONICS BRINGS A UNIQUE PRODUCT  
OFFERING TO THE INDUSTRIAL, AUTOMATION,  
MEDICAL, TRANSPORTATION AND  
ELECTRIFICATION/HEV MARKETS



# ABOUT US

## MANUFACTURER'S REPRESENTATIVE AND EXCLUSIVE MASTER DISTRIBUTOR

Founded in 2000, we provide a technical sales force deployed across Canada. We bring a synergistic product offering to the Industrial, Automation, Medical, Transportation and Electrification markets. Our technical and talented people offer unique solutions and expertise that is unparalleled in the Canadian market. X Tronics also provides value add services and custom engineered products.

# EXCLUSIVE PARTNERS

**OUR EXCLUSIVE PARTNERS ARE BEST IN CLASS MANUFACTURERS  
PROVIDING A BROAD RANGE OF SOLUTIONS IN SENSORS, SWITCHES,  
POWER AND INTERCONNECT PRODUCTS.**

Whether it's a pressure, speed, position, humidity, or accelerometer sensing applications, X Tronics can provide a solution that will meet your requirements. Solutions that work in severe applications ranging from Rail Mass Transit to Industrial Automation.





# AUTOMATION

## PULS ELECTRONIC CIRCUIT BREAKER (PISA-M)

The PISA-M series includes 4-channel electronic circuit breakers in a space-saving design. The modules provide reliable protection and power distribution in systems with DC 12 or 24 V and power requirements from 90 W to 480 W.



## PROGRAMMABLE LOGIC CONTROLLERS

MicroSmart PLUS PLC

Remote I/O System  
- SX8R Bus Coupler Module



## ROBOTIC DRESS PACKS

Standard Dress Kits

Sizes 56, 70 and 80

Size 48

Size 36

Size 29

Conduit Protection

Base Plates

Murr T-Flex Cables

FHS Flexible Holder Systems  
for Collaborative Robots

murrplastik



## CABLE DRAG CHAINS

10mm Inside Height

14mm to 60mm Inside Height

25mm to 30mm Inside Height

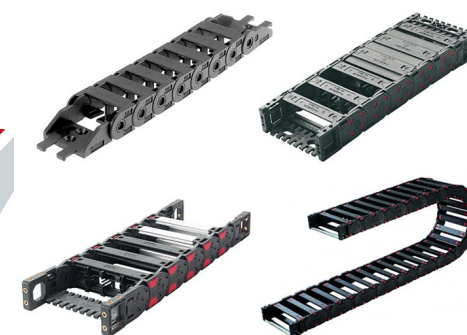
32mm to 52mm Inside Height

32mm to 56mm Inside Height

62mm to 72mm Inside Height

62mm to 104mm Inside Height

murrplastik



## CABLE ENTRY

Cable Entry Systems for  
Pre-Assembled Cables

Cable Entry Systems for Cables  
without Connectors

KDP on Demand

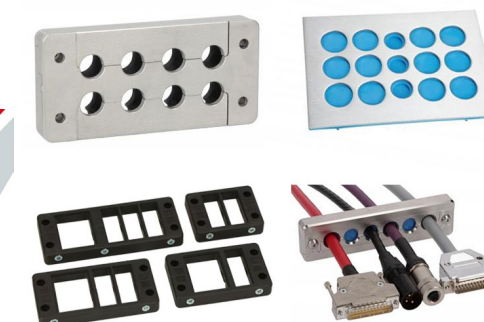
Accessories for Cable Entry  
Systems and Plates

Strain Relief / Cable Fixing Plate

Cable Fitting

Accessories / Tools / Punching Tools

murrplastik





CONTROL SWITCHES

Pushbuttons and Pilot Lights

Emergency Stop Switches



VARIABLE FREQUENCY DRIVES

High-performance Standard Drive S100

H100+(Plus) Fan and Pump Drive



ENCODERS

Encoders - Wind Power

Encoders - Motor Industry

Encoders - Oil & Gas

Encoders - Mining

Encoders - Automated Machinery

Encoders - Paper Mills

Encoders - Steel Mills

Encoders - SubSea

Encoders - Food & Beverage



ELECTRONIC CIRCUIT PROTECTION

PISA-B-812-B1

PISA-B-812-B4

PISA-M



IEC CONTACTORS

YC1N Mini Series

YC1N Series

YC1U Series



POWER SUPPLIES

1-Phase Power Supplies

3-Phase Power Supplies

DC/DC Converters

Field Power Supplies

Smart Power Supplies



SAFETY COMPONENTS

Safety Interlock

Safety Laser Scanner

Safety Relay Module

Safety Commander

Force Guided Relay





SAFETY COMPONENTS (CONTINUED)

Enabling Switches

Grip Switches

Safety Light Curtain

Safety Controller



INTERFACE RELAYS

RJ Slim General Purpose Relay

RJ Slim Bifurcated

RJ Slim PCB Series

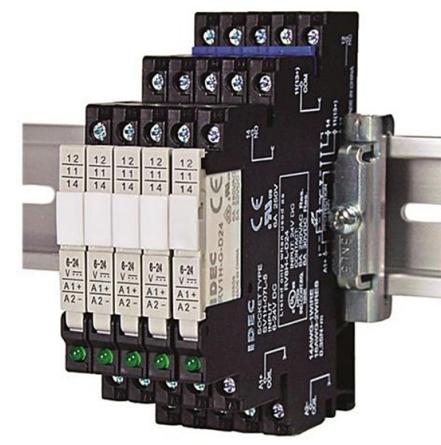
RU Universal Relay

RH Power Relay

RV8 Interface

RL Power Relay

RC Series PCB Relays



AUTO ID/RFID

Smart RFID Reader

Code Scanners



PANEL CONTROLS

MS - Contactor & Overload Relay

EMPR Series - Electronic Motor Protection Relay

MMS - Manual Motor Starters

MCB - Miniature Circuit Breaker

MCCB - Molded Case Circuit Breaker

SPD - Surge Protective Device

Soft Starter





# HUMAN MACHINE INTERFACE

## HG2J SERIES - 7" HMI DISPLAY

Beautiful and brilliant display with new function. The space-saving design contributes to the downsizing of equipment. IDEC's operator interface products offer a perfect solution for your display needs.



## OPERATOR INTERFACES

HG1G 4in Compact

HG2G 5.7in Enhanced

HG2G 5.7in High-Performance

HG3G 8in High-Performance

HG3G 10in High-Performance

HG4G 12in High-Performance

HG5G 15in High-Performance

HG2J Series - 7" HMI Display



## PLC+HMI

3.8in HMI+PLC

Models with 12 or 14 I/O

Embedded RJ45 Ethernet Port

Modbus TCP or RTU

Built-in 2 Analog Inputs

Built-in 2 Analog Outputs

Optional Analog Cartridges

USB Maintenance Port

Seamless Interface with other PLCs

Class I Div. 2 Hazardous Locations



## JOYSTICK CONTROLS

Hand Grip Hall Effect

Thumb Controls

USB Desktop

Fingertip Resistive

Fingertip Switch

Fingertip Hall Effect

Fingertip Single Axis

Trackballs



## KEYPADS & SMALL VEHICLE CONTROLS

Piezoelectric Keypads Designed for Applications Requiring High Reliability

CANbus Keypads

Programmable & Custom Keypads

Small Vehicle Controls





# SWITCHES

## NEW XS SERIES LOW PROFILE JOYSTICK

Offering reduced height for easy navigation in small places. Low profile above panel joystick with a small mounting footprint, for comfort, safety and durability.



## PANEL SWITCHES

- Toggle Switches
- Rocker Switches
- Pushbutton Switches
- Anti Vandal Switches
- Control Switches
- Switch Guards
- Keylock Switches
- Push-wheel Switches



## INDUSTRIAL CONTROL SWITCHES

- E-Stop Switches
- Control Switches
- Selector Switches
- Illuminated
- Key Lock Control Switches
- Control Stations
- Flush Mount
- Explosion Proof Switches



## THERMAL SWITCHES

- Standard Direct Mount
- Flange Mount
- Flush Mount
- Pipe Mount
- Airstream Mount
- Epoxy Sealed



## INDUSTRIAL SWITCHES & VEHICLE CONTROLS

- Micro and Limit Switches
- Ignition Switches
- Shifters & Turn Signals
- Hour Meters
- Capacitive Touch Buttons



## SOLID STATE RELAYS

- Solid State Relays
- Hall Effect Position/Level Sensors
- Coded Magnetic Safety Switches





# SENSORS

## IO-LINK PRESSURE TRANSMITTER

The NEW NAI 8273 IO-Link pressure transmitter from Trafag is designed as a smart sensor and provides application-relevant information in addition to the process data.



## TEMPERATURE SENSORS

Infrared (IR) Sensors

Cryogenic Room Temperature to  
-196°C/-320.8°F

Glass-Encapsulated Bead  
Thermistors

Intake Airflow Sensor Assemblies

Fuel Temperature Sensor  
Assemblies

HVAC Duct Sensor Assemblies

Clip-On Pipe and Surface Sensors

**Amphenol**  
Advanced Sensors



## CO<sub>2</sub> - HUMIDITY- DUST SENSORS

CO<sub>2</sub> Sensors and Alarm Modules

Nondispersive infrared (NDIR) CO<sub>2</sub>  
Sensors

Harsh Environment CO<sub>2</sub> Sensors

Wall Mount CO<sub>2</sub> Transmitters

CO<sub>2</sub> Duct Probe

Humidity Sensors

Temperature and Humidity Sensors

Particulate Dust Sensors

**Amphenol**  
Advanced Sensors



## PRESSURE SENSORS

Surface Mount Pressure Sensors

Disposable Medical Pressure Sensors

Stainless Steel Media Isolated Sensors

Filtration Air Restriction (FAR) Sensors

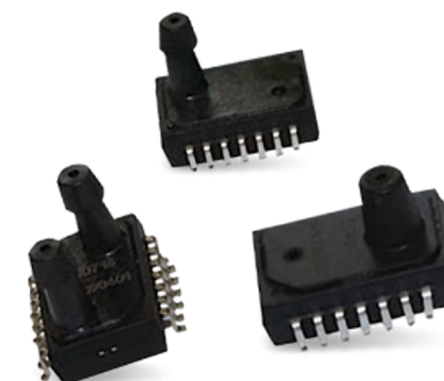
NPC Series of Low/Medium Pressure  
Sensors

NPH series Solid State Pressure  
Sensors

NPI-Series voltage-compensated,  
Media-Isolated High Pressure Sensors

NPI-19 Digital I<sup>2</sup>C Pressure Sensors

**Amphenol**  
Advanced Sensors



## PRESSURE - TEMPERATURE - SF<sub>6</sub> GAS DENSITY

Pressure Transmitters

Hydrogen Pressure Transmitters

Pressure Gauges

SF<sub>6</sub> Gas Density Monitors

Electronic Pressure Switches

Electromechanical Pressure Switches

**trafag**  
sensors  controls





PHOTOELECTRIC SENSORS

Photoelectric Sensors

Miniature Photoelectric

Miniature Laser and  
Transparent Detection

Subminiature  
Photoelectric Sensors



UNIVERSAL VOLTAGE PHOTOELECTRIC

SA1U Heavy-Duty

SA1N Subminiature Photoelectric  
Sensors (Built-in Amplifier)



SAFETY SENSORS

Safety Interlock

HS3A Non-Contact RFID

HS7A-DMC Non-Contact Magnetic

HS7A-DMP Non-Contact Magnetic



SAFETY LASER SCANNER

SE2L Advanced Safety Laser  
Scanner



SIGNAL TOWER LIGHTS

Wireless Tower Lights

USB Controlled

Ethernet Controlled Product

CAN Protocol Controlled Product

Signal Tower Lights

Work Lights

Special-Controlled Tower Lights

Explosion Proof Tower Lights



STROBES AND SOUNDERS

Visual Signals

Audible Alarms

Combined Signaling Alarms

Stack Lights

Specialty Signaling Alarms

Flashing Strobe Beacons

Signal Tower Lights



LED INDICATORS

Panel Mount LED Indicators

Night Vision (NVG) Compatible  
LED Indicators

Rear Mount LED Indicators

Snap-in Plastic LED Indicators

Based LED Indicators for Bulb  
Replacement

Halo Panel Mount LED Indicators





# POWER SOLUTIONS

## LS ELECTRIC UL MOLDED CASE CIRCUIT BREAKERS

LS ELECTRIC molded case circuit breakers (MCCB) are designed to protect low voltage electrical systems from overloads and short circuits. The Susol series (UTS/UTE) is a compact UL489 listed MCCB with ratings available from 15 to 1200 amps in seven frame sizes.



## POWER SUPPLIES

1-Phase Power Supplies

3-Phase Power Supplies

DC/DC Converters

IP54-IP67 Power Supplies

IO-Link Power Supplies

DC-UPS Modules

Protection Modules

Redundancy Modules

**PULS**



## POWER QUALITY

Uninterruptible Power Systems (UPS)

Power Conditioners

DIN Rail AC UPS

1-Phase UPS

3-Phase UPS

Ruggedized UPS

Traffic Battery Back up Systems

Supercapacitor UPS

**MARATHON  
POWER**



## CONTROLLED TRANSFORMERS & MOTOR PROTECTION

Industrial Control Transformers

HVAC (Heating / Ventilation / Air-Conditioning)

Custom transformer options

Harmonic Solutions

Motor Protection Solutions

EMC Filters

**transfab  
TMS**



## HIGH POWER SOLUTIONS

Molded Case Circuit Breakers (MCCB)

Minature Circuit Breakers (MCB)

**LS ELECTRIC**





# EV SOLUTIONS

## RADOX® HIGH-VOLTAGE CABLES

HUBER+SUHNER is one of the first companies to offer a complete range of shielded RADOX power cables for safe and reliable energy transfer in hybrid and electric vehicles.



## HEV CONNECTORS

HVSL- Power & Signal - 1,2,3 position - Rated Voltage: up to 1000V - Rated current up to 450A



## CHARGING

CCS1 SAE EV/Battery Storage

NACS Vehicle Connectors

CHD Series Heavy Duty Connectors

HVBI Push-Pull Connectors ideal for limited space applications



## MASTER DISCONNECTS

MSD (Master Service Disconnect)

Mini MSD Plugs and Receptacles

MSD XL Plugs and Receptacles



## DC CONTACTORS

High Voltage DC Contactors





# EV SOLUTIONS - TOOLS

## EForce® - BATTERY POWERED CRIMPING TOOL

- World's first electromechanical-driven tool
- Speeds up the crimping process
- More than 1000 different interchangeable die sets are available
- Intelligent crimping, process monitoring through LED-Display



## CRIMPING MACHINES

Crimping Machine CM 25-1

**RENNSTEIG**



## CRIMPING TOOLS

MicroCrimp - 4/8 Indent Crimping Tool

Crimp System Tools (Hand Crimp Tool)

Tool with Dies for Insulated Connectors/  
Plasti-Grip & PIDG

eForce® - Battery Powered Crimping  
Tool

Bench Mount Support for eForce

hForce - Battery Powered Hydraulic  
Crimp Tool

**RENNSTEIG**





# ELEVATOR SOLUTIONS

## THE INTERLOCK SWITCH RE-IMAGINED

X Tronics XDI™ Series Door INTERLOCK Switch is an electromechanical device designed to provide peace of mind when operating accessibility equipment by securing the landing or elevator door in place, preventing it from being opened in potentially unsafe conditions.



## DOOR INTERLOCK - SWITCHES

X Tronics XDI™ Series Door Interlock Switch

Limit Switches

Micro Switches

E-Stop Switches

Control Boxes

**XTRONICS**



## POSITION SENSORS

Draw Wire Encoders

Through Beam LED Sensors

Through Beam Laser Sensors

Laser Distance Sensors

Home Position Vane Sensors

Light Arrays for Intrusion Detection

Photoelectric/Laser/Proximity Sensors

**IDEC**



**PEPPERL+FUCHS**  
SENSING YOUR NEEDS



## BACK UP POWER

Uninterruptible Power Supply (UPS)

**MARATHON**  
POWER



## SMART & GENERAL PURPOSE RELAYS

Multi Function Timers

General Purpose Relays

Force Guided Relays

Power Relays

Slim Interface Relays

Latching Relays

Solid State Relays

**IDEC**





# VALUE ADD MANUFACTURING



- Manufacturing Facility in Barrie, Ontario
- Custom Harness Assemblies
- Electro-Mechanical Assemblies, Sub-Assemblies
- Box Builds
- Custom Control Panels
- PLC Programing and Integration
- CSA/UL/Certification
- New Product Development



- Pneumatic Crimping tools - terminals up to 120 mm<sup>2</sup>
- Electric Heavy Gauge Wire Stripping machine
- Small Gauge automatic wire stripping and cutting
- Test and validation equipment



**XTRONICS** IS A LEADING CANADIAN MANUFACTURER'S REPRESENTATIVE