

2026 Partner Brands Product Guide

National Edition

Delivering Engineered Electrical Product Innovation

Colterlec has been delivering quality engineered electrical product innovation to Australian industry for over 30 years. Our dedicated and experienced team are here to support you every step of the way.

We partner with industry leading global suppliers to ensure we provide product solutions that meet the highest standards of performance, safety and reliability —every single time.

Your Trusted Experts

Proudly Australian owned and operated, Colterlec has been delivering quality engineered electrical product solutions and innovation for over 30 years and continues to be a leading distributor of electrical product innovations. We are located across 8 locations around Australia and in New Zealand.

Our comprehensive product range gives you access to industry leading global brands—backed by our experienced team of experts to ensure you get the right solution.

Our service capabilities extend beyond supply. We deliver engineered solutions from custom design and build through to service and maintenance, making sure everything is working as it should be.

Our Global Partners

Together with our industry leading global industry partners Colterlec offers the latest product solutions, faster project timelines and the expert support from a team that understands what you need.

You can depend on Colterlec to connect you with industry leading brands you know and trust—delivering robust, future proof solutions.



Crompton Instruments

Crompton Instruments provides trusted and reliable power measurement and monitoring solutions for industrial and commercial electrical installations.

Engineered for accuracy, durability and long term performance, Crompton Instrument products are widely used in switchboards, generator systems and energy management applications. From commercial buildings and manufacturing facilities to utilities and infrastructure projects.

Crompton Instruments delivers reliable metering and system visibility where it matters most.

Designed to support compliance, energy efficiency and operational insight, the range meets the demands of modern industrial and commercial electrical systems.

Product Range

- Integra Digital Metering
- Kilowatt Hour Energy Meters
- Transducers
- Protector Trip Relays
- Meter Relays
- Digital Indicators
- Analogue Meters
- Current Transformers
- DC Shunts





Danfoss VLT Drives

For more than 50 years Danfoss have been leading the market in innovation, reliability and efficiency, offering true motor independence and innovative heat management strategies.

FC280 Midi Drive

For precise and efficient motor control for machine builders in the food and beverage, material handling and processing industries.

FC102 HVAC Drive

Enhances fan and pump operation in building management systems and runs outdoors in most climates.

FC202 Aqua Drive

Designed to provide the highest level of performance of AC motor driven water and wastewater applications.

FC302 Automation Drive

Designed for the most demanding applications in any industry. Optional integrated motion control for positioning and synchronising.

Intelligent **Soft Starters** to improve starting, stopping and protection of the motor. Plus a wide range of input and output filters and accessories available to ensure compliance with the highest standards.

IC2 Micro Drive

This quality general purpose drive is a perfect match for a wide range of applications with unsurpassed reliability even in complex applications.

Danfoss Vacon® Drives

Vacon® 100 Flow

Improves flow control and saves energy in industrial pump and fan applications, provides specific flow control functions to enhance pump and fan performance and protect pipes and equipment, ensuring reliable operation.

Vacon® 100 Industrial

A workhorse for a wide range of industrial applications. It is easy to integrate into all major control systems and is easily adaptable to different needs with a wide range of configurable options.

Vacon® NXP / NXC

With air and liquid cooling available these drives are extremely customisable. They are engineered to deliver maximum performance and control in every industrial application.





Powering Business Worldwide

Switchgear and Automation

Eaton is a global leader with expertise in power distribution and circuit protection, power control devices, automation, and engineering services.

Eaton offers a variety of protection devices, including the latest innovation in Arc Fault detection to protect against electrical ignited fires, available in the AFDD+ range of circuit breakers.

Eaton Bussmann Series

Eaton Bussmann Series fuses play a major role in industrial or commercial facilities by providing reliable, maximum protection to power systems.

Their physical size or rejection features prevent replacing a fuse with one from another fuse class. This helps ensure the correct replacement fuse is always installed and the voltage and interrupting ratings remain the same.

Eaton MTL Range

Eaton MTL products are used in all types of location, both hazardous and general purpose, from offshore oil and gas platforms, power production plants and petrochemical installations to pharmaceuticals, telecommunications and other manufacturing plants.

Eaton MTL products are recognised as the world leader in Fieldbus power systems and wiring components, Intrinsic Safety interfaces and surge protection techniques as well as being a leading authority in Industrial Ethernet, and HMI / Visualisation for safe and hazardous locations.

Product Range

- MTL SUMS™
- MTL Intrinsic Safety
- MTL Signal Conditioning
- MTL HART Interfacing
- MTL Fieldbus
- MTL Industrial Ethernet
- MTL Industrial Security and Wireless
- MTL HMI and Visualisation
- MTL Surge Protection
- MTL Process Alarm Equipment





Excalibur Enclosures™

Excalibur Enclosures™ by Phoenix EMS is an industry leader in the manufacture and supply of a diverse range of electrical enclosures and value add solutions. All products are designed in house with the latest modelling software and advanced manufacturing techniques.

Value add wired solutions and turnkey project packages are also available.

- Control Panels
- Marshalling Panels
- PLC Panels
- Custom Distribution Boards / OEM Manufacturing
- Hazardous Area Enclosures
- Non-Metallic Polyester GRP Latch and Hinges
- Locking Systems
- Filter Fans / Air Conditioners / Heaters

Product Range

- Stainless Steel Enclosures
- Mild Steel Enclosures
- Non-Metallic Enclosures
- Mining Enclosures / 1000V Panels
- Sun-shielded Enclosures
- Visible Break Isolators and Local Control Stations
- Push Button Stations
- Terminal Boxes
- Junction Boxes
- Instrument Panels
- Valve Panels
-



FLUKE®

Fluke

Fluke is the world leader in the manufacture, distribution and service of electronic test tools and software. From industrial electronic installation, maintenance and service to precision measurement and quality control.

Electrical Testers

Fluke's line of electrical testers and voltage detectors are designed for use in every application and in nearly any environment.

From non-contact voltage detectors and voltage testers with continuity detectors, to open jaw current testers and open fork these testers are accurate, safe and easy to use.

You'll also find motor phase rotation testers, fluorescent light testing, voltage meters and installation RCD testers.

Thermal Cameras

With Fluke thermal cameras you can detect issues before they become problems. Designed for everyday use, in the toughest industrial environments, Fluke offers infrared cameras for a wide range of applications

Power Quality

Fluke Power Quality and energy management tools are designed to assist in capturing the power quality and energy data needed to maintain the best performance and reliability.

These tools make it possible to identify your power quality and energy efficiency issues with easy and effective recording and analysis.

Calibration and Process Tools

Fluke Calibration is a leader in precision calibration instruments, equipment, service and software for electrical, RF, temperature, pressure and flow measurements.

In the process tool range, you can find Loop Calibrators, Milliamp process meters and pressure and Temperature Calibrations.



FORTRESS

Fortress Safety

Fortress Interlocks designs and manufactures customised robust safety equipment to ensure employees are safeguarded from dangerous machinery in hazardous workplaces.

mGard

The only range of mechanical interlocks independently certified to PLe. Designed, tested and TUV approved for use in Category 4/PLe safety control systems.

amGardpro

Heavy duty safety locking with PROFIsafe and CIP safety gate switches with connectivity and trapped key integration certified to PLe.

amGard S40

Stainless steel modular safety gate switches independently certified to PLe. The range is modular in design, allowing a wide range of safety interlock switches to be configured to suit many industrial applications.

Hygienic and Wash-Down

A complete range of non-contact safety switched for hygienic and wash-down applications.

tGard

The machine guarding solution that can be quickly specified from a range of catalogue elements to meet any requirement, independently certified to PLd.

Frank Industrial Access

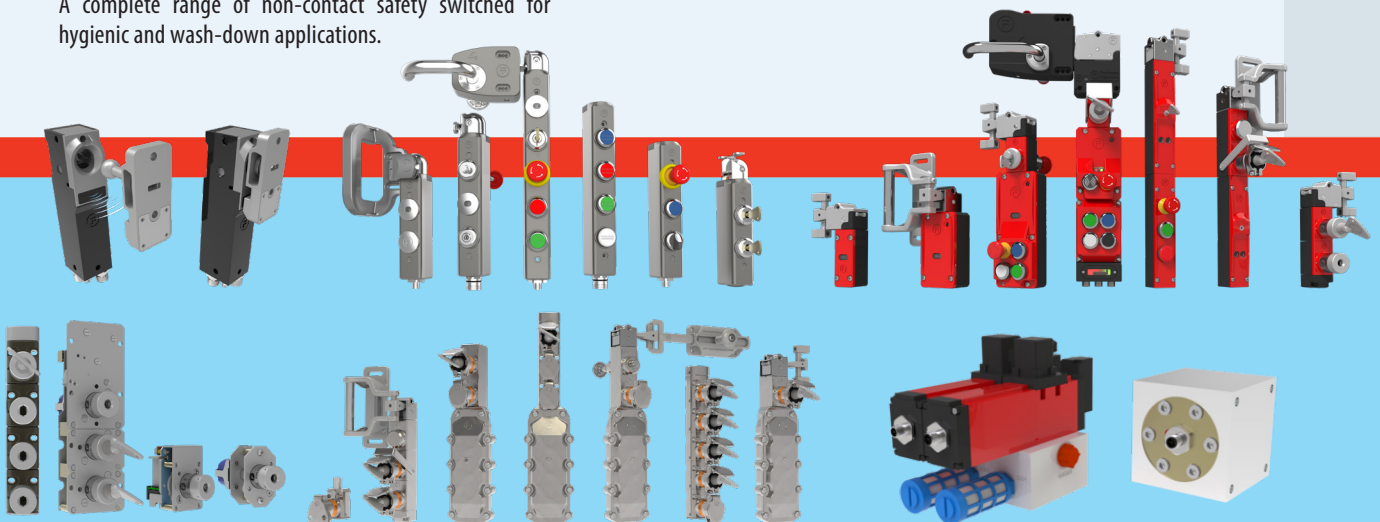
Controlling access to spaces and processes. Prevent line shut down and unauthorised access from entering safeguarded spaces.

Fluidsentry

Safety monitored valves and pressure sensors for fluid power applications, up to and including PLe, SIL 3 and Category 4 requirements.

Alfred

Robust, heavy duty interlocking devices used to provide safe access and control for a variety of machinery in hazardous locations and explosive atmospheres.





MARECHAL ELECTRIC

Since 1952, MARECHAL ELECTRIC has become a key player in the field of electrical power connections, specifically designed for industrial environments and hazardous areas.

With over 70 years of expertise, MARECHAL ELECTRIC is now recognised for its innovative and highly secure electrical solutions, meeting the needs of the most demanding industries.

Thanks to its butt-contact technology, the dozens of patents in more than 50 countries and its choice of the highly advanced materials, Marechal® connectors are the most reliable in the world.

They guarantee the best safety for users and equipment in accordance with the requirements and standards.

Marechal® connectors are available for non IECEx or IECEx environments - Zones 1, 21, 2, 22.

Product Range

- Separable Switch Disconnecter (from 2 to 6 poles - 40 A)
- **DECONTACTOR™** = Plug+Industrial Switch (up to 250A)
- Multi-Contact Sockets (up to 37 contacts)
- Industrial Connectors (up to 600 A)
- Single Pole Connectors (up to 1250 A with pilots)
- Hazardous Area Connectors and Sockets

The **DECONTACTOR™** is a plug with an integrated switch combining the advantages of a power socket and the performance of a switch.

It allows devices to be quickly, easily, and safely connected and disconnected under full load in harsh environments, with no need for pilot wiring and contactor.



MOXA®

Moxa

Moxa is a global leader in industrial networking and communications that enables connectivity and reliability for the automated world of today and tomorrow.

Providing robust connectivity technologies and superior reliability to futureproof your industrial operations and enhancing cybersecurity for industrial automation systems.

Working together with world class experts and partners transforming unique requirements into practical networking solutions for industrial applications and mission critical infrastructure.

With a **Built to Last** philosophy and over 35 years of experience in data connectivity for industrial automation, Moxa has connected over 111 million devices worldwide, empowering industries with leading edge connectivity, industrial computing, and communication networks that define a new standard for industrial operations.

Industrial Networking

- Ethernet Switches
- Wireless AP / Bridge / Client
- Cellular Gateways / Routers
- Ethernet Media Converters
- Secure Routers
- Network Management Software

Industrial Edge Connectivity

- Serial Device Servers
- Serial Converters
- Protocol Gateways
- USB-to-Serial Converters / USB Hubs
- Multiport Serial Boards
- Controllers and I/Os

Industrial Computing

- x86 Computers
- Arm-Based Computers
- IIoT Gateways
- Panel Computers and Displays





ERICO

nVent ERICO specialises in top-tier engineered solutions for electrical facility protection. Its innovative grounding, bonding, and connectivity products offer a comprehensive approach to safeguarding against lightning strikes, ensuring robust grounding systems, effective bonding, and reliable surge protection.

Product Range

- Surge and Lightning Protection
- Grounding and Bonding
- Cadweld Exothermic Connections

ERIFLEX

nVent ERIFLEX is a leader in innovative electrical connection solutions, offering a variety of flexible busbar systems designed for efficient power distribution.

These systems ensure safe, reliable, and high-performance electrical connections, making them ideal for a wide range of industrial and commercial applications.

Product Range

- Flexible Busbars, Tools and Supports
- Flexible Power Braids and Shunts
- Grounding and Bonding Braids
- Distribution Blocks and Power Terminals
- Busbar Clamps and Connectors
- Made to Order Solutions

FLEXBUS

The nVent ERIFLEX Flexbus System is an innovative solution that offers faster installations and reducing overall installation costs. Designed as a comprehensive low voltage power connection system, Flexbus Advanced is versatile and suitable for a wide range of applications.

Product Range

- Online Calculation and Selection Tool
- Flexbus Conductor
- Support and Bracing Systems
- Conductor Entry Points
- Connections Clamps and Palms
- Fire Barrier System





OmegaLec

OmegaLec is Australian owned premier manufacturer of high quality electrical products. OmegaLec offer end-to-end capabilities from engineering and design to manufacturing and certification to service and expert support.

OmegaLec products are solution based and engineered to suit almost any application. The analistic approach offers the customer the precise solution complete with backup support and peace of mind.

Transformers

OmegaLec custom design and manufacture transformers to meet a wide range of specifications—transformers with additional safety and taps to specific terminal types and with non-enclosed (IP00) or in a housing (IP23 standard). Precision metering transformers (VT and CT) and protection transformers.

Product Range

- CTX Isolation Transformers—Single Phase
- OTX Isolation Transformers—Single Phase
- OTX Isolation Transformers—Three Phase
- OTX Variable Transformers
- Single Phase Variable Transformers
- Three Phase Variable Transformers
- Reactors
- Autotransformers
- Three Phase DC Transformer Unit

Resistors

Neutral earthing systems; test resistors; load banks; adjustable high and low power types.





Phoenix Contact

Phoenix Contact is the worldwide market leader of electrical components, systems and solutions in the area of electrical engineering, electronics and automation.

With over 60,000 products, Phoenix Contact offers an innovative portfolio of industrial electro technology—the best connections from sensor to the controller.

From the classic terminal block to splash-proof machine connectors and wireless ethernet, our products power, protect, connect and automate systems and equipment.

From design and manufacturing to customer sales and technical support and value added services, Phoenix Contact builds the highest quality into its products, processes and business relationships.

Product Range

- Terminals and Terminal Blocks
- Sensor/Actuator Cabling and Connectors
- Marking Systems, Tools and Mounting Material
- Power Reliability and Power Supplies
- Surge and Electronic Breakers
- PLCNext
- Interface, Monitoring and Switching Devices
- Automation





Safe-T

Safe-T Products is a trusted manufacturer of rugged safety and conveyor protection devices, widely used across mining, quarrying, ports, and heavy industry.

Designed for harsh environments, Safe-T products are built to handle vibration, dust, moisture, and mechanical impact while delivering reliable, repeatable operation. With simple mounting options and a strong accessory ecosystem, installation and maintenance are fast and consistent.

Emergency Stop Devices

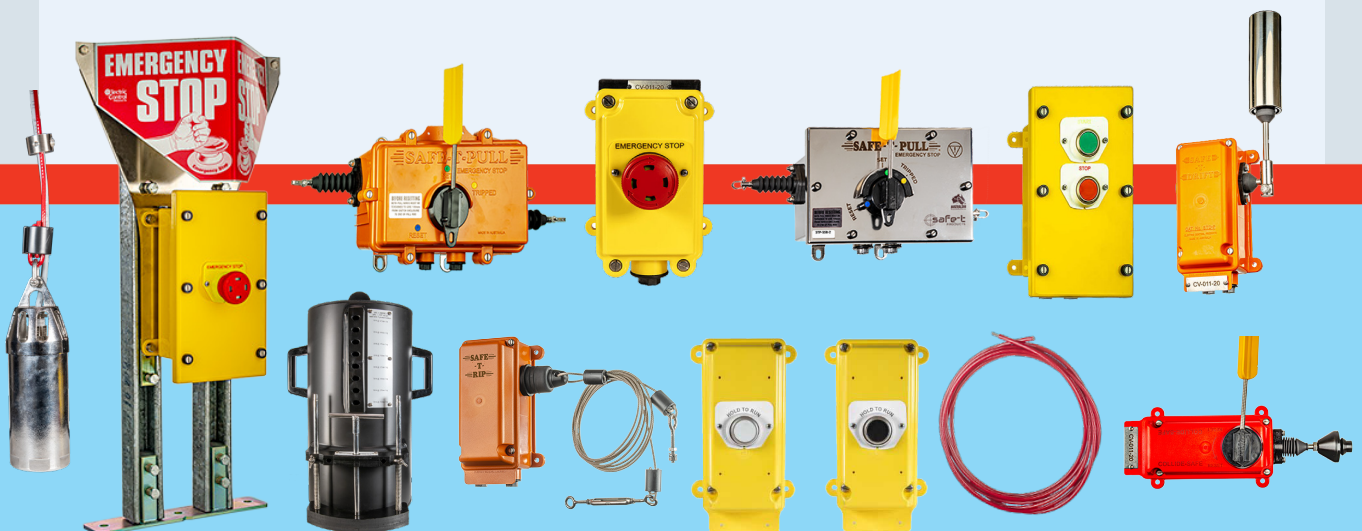
- Safe-T-PULL
- Pull-Safe
- Emergency Stops
- Machine Safe
- Pre-Start Alarm
- Push Button Stations

Protective Stop Devices

- Collide-Safe
- Safe-T-RIP
- Safe-T-DRIFT
- Safe-T-TILT
- Safe-T-LIMIT
- Machine Safe
- Pre-Start Alarm
- Push Button Stations

Supporting Products

- Lanyards
- Wire Support Systems
- Signage
- Mounting Systems
- Test Equipment





Telemecanique Sensors

Telemecanique Sensors brings global sensing expertise and a century of engineering excellence, delivering reliable detection and safety solutions designed to maximise machine uptime, efficiency and performance.

Applications include, but are not limited to packaging, material handling, water pumping, railways, hoisting and mobile lifts, elevators and escalators.

Limit Switches (XC/9007)

- Plastic / metal / heavy duty / monobloc
- Rotation / conveyor belt shift monitoring and overtravel

Inductive (XS) and Capacitive (XT) Sensors

- Shielded / non shielded
- metal / plastic and SS body
- cylindrical / cube and rectangular

Safety Sensors and Switches (XCS)

- Plastic / metal interlocks / limits, locking solenoid
- Coded magnetic switches
- Lanyard Emergency Stop Rope Pull
- Light curtains

Photoelectric Sensors (XU)

- Detection modes such as Diffuse, Background Suppression, Polarised Reflex and Thru- Beam
- Cylindrical M8-M30 or compact / rectangular form
- Roller conveyor sensors and Fork Sensors
- Applicative sensors like blue / red / laser / colour and contrast

Pressure Sensors (901/XM)

- Electronic pressure switches with solid state or analog output
- Electromechanical pressure switch with contacts

Ultrasonic Sensors (XX)

- M18-M30 bodies programmable
- Wide beam for Mobile Equipment

Radio Frequency Identification (XG)

- Read and Write tags
- Antennas with 13.56MHz
- Standalone / Network capability

Cabling (XZC)

- PVC, PUR, F&B Grade
- 3, 4 and 5pin, M12 and M18 prewired in various lengths



VERSA

DISTRIBUTION BOARDS

VERSA

Designed and built in Australia, VERSA Distribution Boards deliver reliable performance across all commercial and light industrial applications.

Offering unmatched versatility, VERSA adapts easily to a wide range of specifications and site standards. Its modular design ensures smooth integration and future ready scalability. Fully compliant with AS/NZS 61439 and rated IP54, VERSA Distribution Boards are engineered to provide flexibility, safety, and confidence in every installation.

Backed by smart engineering and quality components, VERSA bring installers and end users greater flexibility, safety, and confidence in every application—ensuring your electrical distribution is organised, protected and ready to perform.

VERSA Operating Capabilities

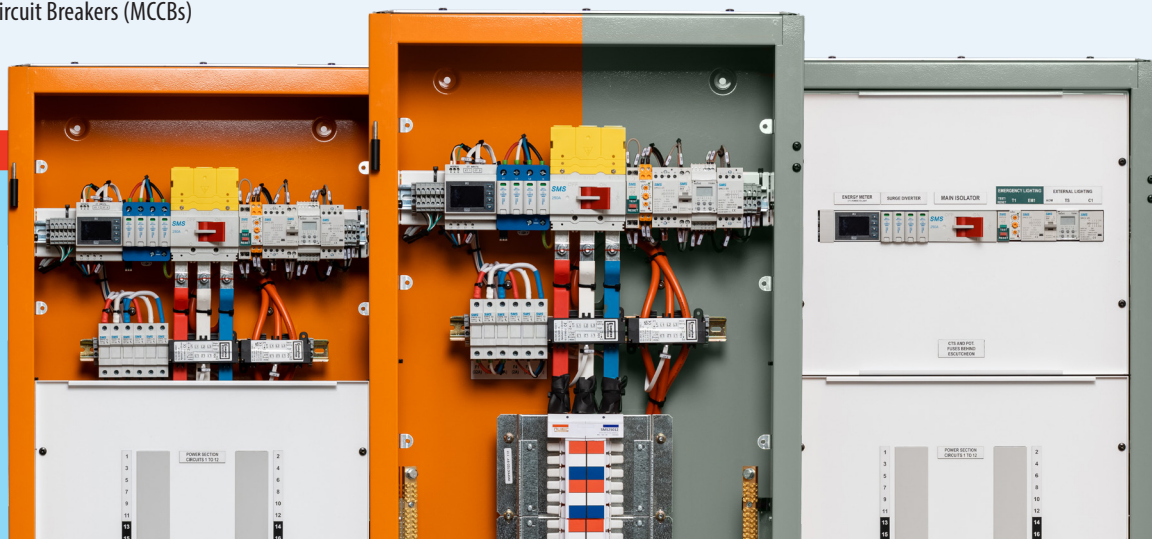
- Maximum rating of 250A
- IP54 protection rating against dust and water ingress
- Tier width: 590mm
- Tier depth: 190mm
- Not suitable for mounting or housing Moulded Case Circuit Breakers (MCCBs)

Features

- Designed, Tested and Manufactured to AS/NZS 61439
- IP Tested and Rating IP54
- Made to order and custom arrangements available
- Available in X15 Orange and N42 Grey
- Can accept a various range of circuit breaker brands
- Lighting and Controls Circuits as required
- Multi-Tiered arrangements as required
- Top or Bottom Entry

Optional Extras

- Surge Protections (nVent ERICO or other)
- Metering (Crompton Instruments or other)
- Additional rows of DIN rail (with or without escutcheon cut outs)
- Plinth
- Cable Duct
- Hinged Escutcheon (standard is lift off)
- Removable Gland Plates Top and Bottom
- Reversible Hinged Door



/// BBC **BIRCHER**

Smart Access

BBC Bircher Smart Access

BBC Bircher Smart Access designs, manufactures and supplies intelligent access systems for automatic doors, gates, industrial closures and public access systems designed to enhance safety, efficiency and accessibility.

Its range of motion detectors, safety edges, presence sensors and control interfaces are developed to meet the highest industry standards for durability, reliability and performance—tested for people, vehicles and machinery.

Product Range

- Gate Detectors
- Door Detectors
- Contact Mats and Step Mats
- Safety Edges
- Loop Detectors
- Detector Mats
- CleanSwitch



DATALOGIC™

Datalogic

Datalogic is a global technology leader in the automatic data capture and factory automation, specialised in the design and production of barcode readers, mobile computers, sensors for detection, measurement and safety, RFID, vision and laser marking systems.

Its cutting edge solutions help to increase the efficiency and quality of processes in the retail, manufacturing, transportation and logistics and healthcare industries.

Product Range

- Industrial Sensors
- Smart Sensors
- Machine Vision Systems
- Safety Light Curtains
- Safety Area Scanners
- Lidar Scanners
- Industrial Barcode and 2D Scanners
- Handheld Scanners





DataTrace

by Mesa Labs

DataTrace

DataTrace data loggers and software provide highly accurate ongoing data collection for key factors like temperature, pressure and humidity to ensure that you have the information and insight you need to protect your critical assets and processes. Whether you're tracking conditions for a highly regulated medical environment or a technically complex manufacturing requirement.

Its complete line of sensors, data loggers and software ensures the flexibility to create a tailored data tracking solution that works for your unique application which meets or exceeds regulatory and compliance requirements.

Product Range

- Temperature Data Loggers
- Pressure Data Loggers
- Humidity Data Loggers
- Data Logger Accessories
- DataTrace Pro Software
- Temperature Mapping
- Thermal Barriers



EGE

EGE has been developing and manufacturing high precision, extremely reliable measuring systems and sensors for the toughest environments and applications since 1976.

Its products range from flow sensors and air flow monitors to compressed air consumption meters and inductive or capacitive proximity switches to infrared detectors as well as opto and ultrasonic sensors.

EGE also develop level monitors based on all common measuring principles, photoelectric sensors for industrial applications and metal detectors for harsh use in quarries and building materials production.

Product Range

- Flow and Flow Rate Sensors
- Fill Level Sensors
- Inductive and Capacitive Proximity Switches
- Infrared and Ultrasonic Detectors
- Temperature and Pressure Sensors
- Metal Detectors
- I/O Link
- Hazardous Area Sensors





Fluke Process Instruments

Raytek, Ircon and Datapaq is Fluke Process Instruments and a division of Fluke. Fluke Process Instruments offer a range of temperature measurement solutions such as infrared temperature sensors, spot pyrometers, IR line scanners, process industrial imaging systems and thermal profiling systems.

Pyrometers

- Endurance Series
- Ircon Modline 7
- MI3 Series
- Raytek 3i Plus
- Raytek CM and CM
- Thermalert 4.0

Imaging Solutions

- SV600
- Ircon ScanIR3
- MP Line Scanner
- Thermoview TV40
- Thermoview TV30
- CS400



Fluke Networks

Fluke Networks is the worldwide leader in certification, troubleshooting and installation tools for professionals who install and maintain critical network cabling infrastructure.

From installing the most advanced data centres our combination of legendary reliability and unmatched performance ensure jobs are done efficiently.

Product Range

- Datacom Contractors
- Datacentre / Network
- Versiv™ Cable Certification Family
- LinkWare™ Live
- CertiFiber Pro Encircled Flux Testing
- FI-7000 FiberInspector™ Pro
- OptiFiber™ Pro with SmartLoop™





Gemco

Gemco has a strong reputation for developing unique solutions for heavy duty applications in the most demanding industries. A leader in linear and rotary position sensors, press automation, programmable limit switches and cam switches, designed to withstand extreme environments.

Gemco solutions provide high accuracy, high speed performance, and long term reliability. Backed by decades of engineering expertise and continuous innovation, Gemco products are built to exceed modern manufacturing demands—ensuring maximum uptime performance.

Product Range

- Linear Feedback
- Rotary Feedback
- PLS, PLC and Network Modules
- Safety Products, Foot and Palm Switches
- Level Measurement
- Cable and Hose Carriers
- Industrial Brakes
- Control Relays



Grace Technologies

Grace Technologies delivers practical electrical safety and reliability solutions for industry from permanent voltage indicators, test points and infrared inspection windows to safe access systems and predictive maintenance tools.

Grace Technologies safety devices are designed to help teams verify de-energisation, reduce arc-flash exposure and improve uptime

Product Range

- Live Line Indicators
- ChekVolt Test Points up to 3kVDC
- Fibre Optic Indicators – Voltage Free to the Door 1100VAC
- Voltage Test Points
- Hot Spot Monitors
- Proxi Voltage Wrist Band
- GracePort Interfaces
- GracePort+ HMI Covers
- GraceSense Vibration and Temperature Sensors



GARDNER BENDER

Gardner Bender

nVent Gardner Bender has been manufacturing trusted products in the electrical industry since 1959, offering a wide range of high quality test and measurement tools designed for accuracy and reliability.

With decades of experience and continuous innovation, Gardner Bender remains a go to choice for electrical professionals.

Product Range

- Battery Testers
- Continuity Testers
- Multimeters
- Voltage Testers
- Outlet Testers
- Test Kits
- Wire Tracer

Kraus & Naimer

Kraus & Naimer

Kraus & Naimer is a global leader in electrical switchgear and accessories. Kraus & Naimer switches are suitable for applications from PLC control circuits through to general control and instrumentation to power changeover, solar AC and DC isolators, UPS bypass, power safety isolation and local control stations. Switches are available in standard or special configuration.

Product Range

- Rotary Cam Switches
- Loadbreak Isolators
- Enclosed IP Rated Switches

*Available in New South Wales only.



LEINE LINDE

Leine Linde

Leine Linde develops and manufactures high precision encoders, sensors, and system electronics for industrial applications. Its products are designed to measure speed, position or strain and are known for their robustness, performance and reliability.

Leine Linde solutions can be customised to suit specific requirements providing accurate feedback of speed, position and strain to ensure reliability, maximise uptime and performance.

Product Range

- Incremental Encoders
- Absolute Encoders
- Functional Safe Encoders
- Explosive Environment Encoders
- Encoders for Condition Based Maintenance
- Customised Encoders
- ESR Strain Sensors
- Interface Electronics
- Accessories



Lock Safe

Locksafe designs, develops and manufactures an extensive range of high quality isolation products, which protect and positively isolate fixed and mobile equipment in both 12 and 24 volt for equipment such as dump trucks, bull dozers, excavators, graders, loaders as well as utilities, light trucks, pump stations, forklifts and generators.

Isolating the electrical system means that maintenance and repairs can be carried out on the vehicle safely especially when there is multiple technicians working at once.

Product Range

- Hasps
- Locking Brackets
- Isolator Assemblies
- Isolation Switches
- Mounting Options





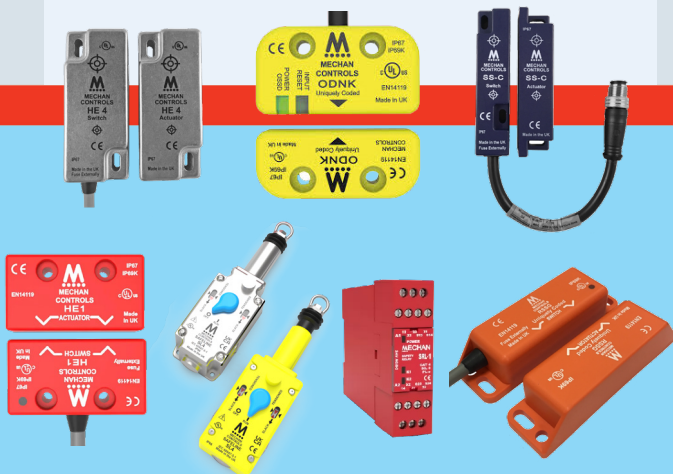
Mechan Controls

Mechan Controls is a British designer and manufacturer of Non-contact, Interlock and Lanyard Safety switches and Emergency Stops for machine guarding applications.

Mechan produced its first electronic safety switch in 1972, since then, it has developed an enviable reputation as the industry leader of outstanding reliability and quality of safety switches and safety interlock systems.

Product Range

- Plastic, Stainless Steel and High Temperature Safety Switches
- Electronic Safety Switches
- RFID Safety Switches
- RFID Safety Access Systems
- Safety Relays
- Solenoid Interlocks
- SafeLine Lanyard Switches
- Emergency Stop Stations



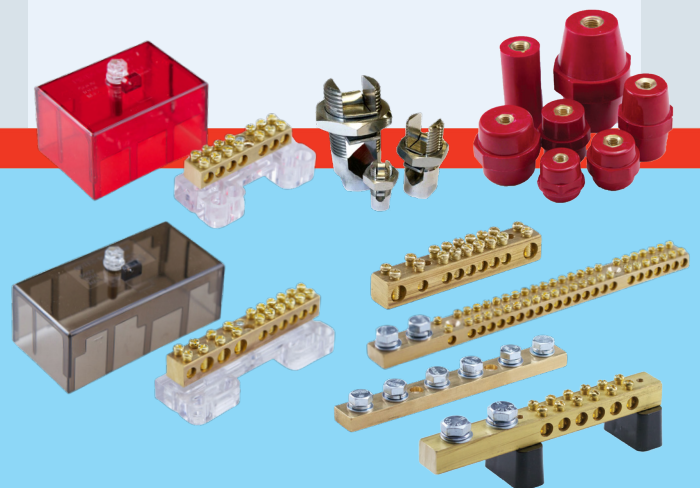
Netec

Netec is the only Australian manufacturer of a full range of Earth and Neutral Links, is capable of manufacturing brass components for all industries and specialises in fast, high turnover for product design required to meet the needs of the customer.

Product Range

- Earth and Neutral Bars
- Covered Links
- Mounting Supports
- Line Taps
- Netec Catalogue Neutral/Earth Bar and Covered Link
Parts comply to AS/NZS5112:2015
- Ratings from 90A -500A

Netec Plastic insulators, covers and bases are Made In Australia and comply to the 960 degrees celsius Glow Wire Standards. Netec Terminal screws comply with all relevant standards. Dome point screws should be used to prevent damage to the conductor.



PARTNER BRANDS AND PRODUCTS



Socomec

Socomec is a global leader in electrical power conversion and continuity solutions, offering a comprehensive range of uninterruptible power supplies (UPS) and static transfer systems (STS).

Engineered in Europe and manufactured globally, Socomec systems are trusted across critical applications from healthcare and data centers to mining, infrastructure, and manufacturing. With both monolithic and modular designs, Socomec provides unmatched flexibility, reliability, and serviceability to meet the evolving demands of modern power infrastructure.

Product Range

- Single Phase UPS (600 VA to 10 kVA)
- Three Phase UPS (10 kVA to 1200 kVA)
- Module UPS (2.5 kVA to 4800 kVA)
- Static Transfer System (STS) (16 A to 4000 A)
- Backup and Power Storage



Telco Sensors

Telco Sensors is a market leader of high performance photoelectric sensors and light curtains designed to work reliably in the most challenging applications and the toughest environments. Its reliable sensing solutions are designed for the most demanding applications and only limited to the imagination.

Telco Sensors are widely used for detecting, positioning, measuring, counting, sorting and verification applications. Telco Sensors are easy to install; water resistant; immune to light and shock and vibration resistant.

Product Range

- Photoelectric Sensors
- Light Curtains
- Remote Photoelectric Systems
- Optical Fork Sensors
- Power Supply Units
- Industrial Light Curtains
- Measuring Light Curtains
- Optical Frame Sensor
- Accessories





Troax

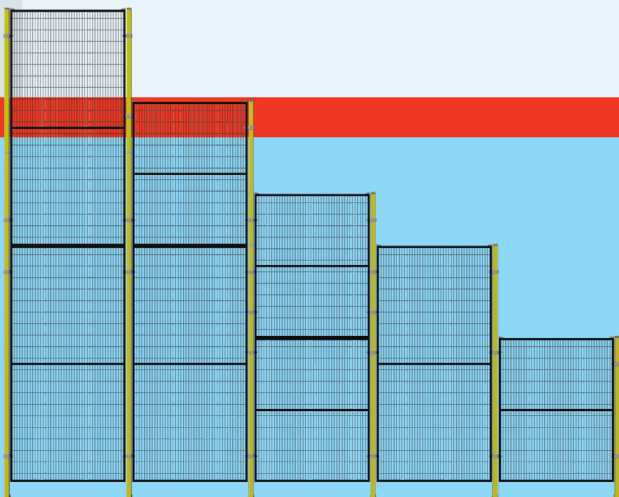
Troax specialise in high quality modern modular safety systems, focusing on machine guarding, warehousing partitioning and property protection.

Our systems are designed to protect people from production machinery in automated environments, protect objects in warehouses and residential areas through safe storage and protect sensitive processes against human interference, through access control.

Troax offers a range of flexible and modular protective wall systems for any type of production environment.

Product Range

- Modular, innovative and easy to install systems
- Mesh, steel and polycarbonate panels
- Standard or customised colours
- Smart Fix, Strong Fix or Rapid Fix systems for easy access
- TUV certified tested to withstand up to 2,500 joules impacts
- Hinged, Sliding, Telescopic, Linear and Power Door options
- Safety Locks for all safety performance levels



Unitronics

Unitronics offer market leading features and capabilities in their state-of-the-art Programmable Logic Controllers (PLCs) with integrated HMI. Designed and developed by Unitronics to make automation simple, efficient and cost effective.

Features

- UniCloud "No Code" IIoT cloud Dashboards and remote monitoring
- Local efficiency improvements with relevant information displayed directly to the operator
- View and enter application data and troubleshoot all without the need for a PC
- Reduced programming with a single programming environment for PLC and HMI applications
- Less wiring and less space is required, saving I/O points
- PLC and HMI share the same memory, no need for separate PLC to HMI communications

Product Range

UniStream | Vision | Samba | Jazz | UniCloud | VFD | Servo Drives



PARTNER BRANDS AND PRODUCTS



Weintek

Weintek specialise in HMI products to connect with a wide range of industrial controllers. Connection to mainstream PLC brands is simple using the built-in library of over 250 drivers.

Application flexibility is also assured with a range of display sizes and formats, including external HDMI connection and client viewer apps. In addition to PLC drivers, support is also included for powerful protocols such as MQTT and SQL for cost effective IIoT integration.

Remote Monitoring and control is made simple and secure through Weintek EasyAccess2.0. Also create easy to read dashboards with Weincloud.

Weintek devices can also function as protocol converters or gateways between any of the supported protocols, including BACnet, ModbusTCP, ModbusRTU or Ethernet/IP.

Product Range

- cMT-X Series (Basic, Standard and Advanced)
- cMT Gateway Series
- iE Series and XE Series



MJK

MJK is a leading supplier of equipment for measurement and control of industrial applications with a focus in water and wastewater.

MJK manufacture a range of hydrostatic level sensors, float switches for accurate liquid level monitoring, robust float switches for dependable point level detection. Advanced loop-powered pH probes that enable continuous, real time water quality measurement.

Designed for ease of installation and maintenance, MJK solutions integrate seamlessly into existing systems delivering reliable data to optimise process performance and enhance safety.

Product Range

- Expert™ Hydrostatic Range
- Float Switches
- Loop Powered pH Probe



Machine Safety Solutions

Colterlec delivers comprehensive machine safety solutions designed to protect people, equipment and productivity. From product solutions and design through to installation and service—our solutions are tailored to meet the specific requirements of your application.

Machine Safety Solutions

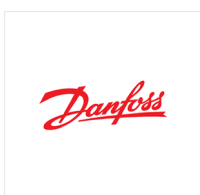
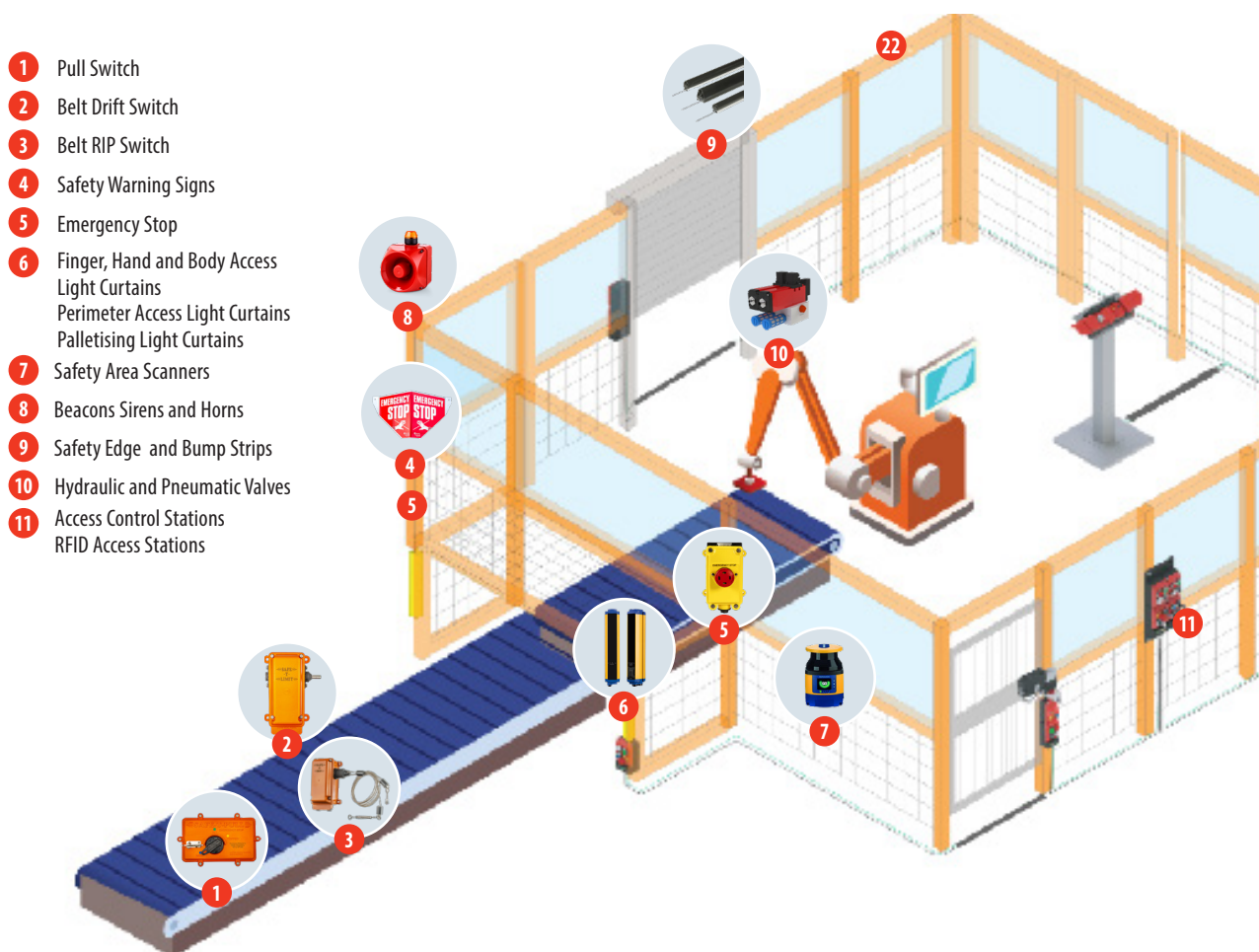
The process of complying with local regulatory requirements and providing a safe environment for your stakeholders can be complex. To help you minimise safety hazards, we help you develop a comprehensive strategy covering all aspects of machine safety to reduce risk and improve safety.

Risk Assessment and Solution Recommendations

Identifying all hazards and assessing the risk level of these hazards (AS 4024) and providing recommendations to achieve the necessary safety levels.

Verification / Validation of Hazard Control

An independent review of a machine safety system to ensure that the identified hazards have been addressed appropriately and the necessary safety levels have been achieved. We also offer a more detailed validation option with deliberate fault creation in the safety system to validate the integrity of the safety system.

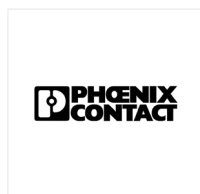
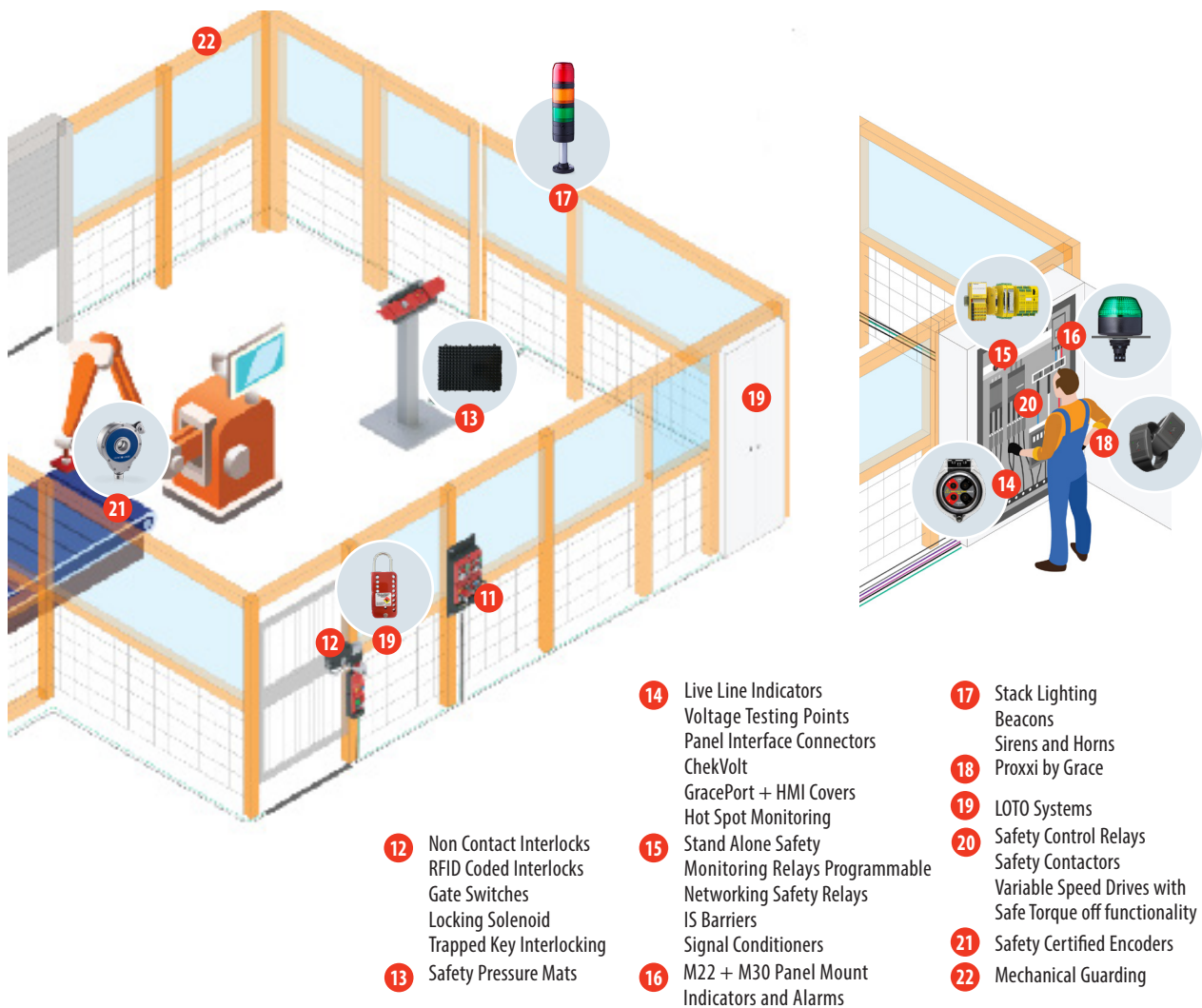


Safety Procedure and Development

Missing, inaccurate or confusing safety procedures can result in workplace accidents. We can assist in safety procedure development, ranging from developing Job Safety Analysis (JSA) procedures to full Isolation (Lockout Tagout) procedures.

Isolation Review and Analysis

A critical component of machine safety management. We can review existing machine isolation capabilities and appropriate recommendations will be provided.



Engineered Solutions

Design and Manufacture

Colterlec delivers bespoke manufacturing and engineered solutions with our extensive expertise across design, engineering, supply and project management—leveraging strategic partnerships and combining advanced product design with custom built, integrated electrical solutions and product life cycle support across industries.

Keep your competitive edge through any challenge with Colterlec Engineered Solutions—our complete end to end approach from integrated product solutions to engineered solutions and service.

Capabilities

DC Systems and Custom UPS

Our range of DC battery chargers and UPS systems offer superior quality in design and manufactured systems ensuring your critical systems remain energised and reliable.

Our capabilities include custom charging platforms, protection power supplies and cathodic protection systems with tailored integration of protection and control features and high level preventative controls and battery monitoring as a standard feature.

Electrical Test Equipment

Our engineering team design and build electrical testing products when mainstream products just don't quite meet your requirements.

Our capabilities include AC or DC injection units with full HMI control for factory testing, hi current AC injection test sets, Hi-Pot Testing, earth leakage testing and CT and load polarity testing.

Electronic Circuit Design and Build Capabilities

We work with a range of Australian OEMs, supplying high quality boards for integration into equipment across industries.

Our capabilities include electronic circuit board design, board population and testing, embedded electronic design and the development of OEM tailored electronic systems.

Inverters

Colterlec custom design and manufacture inverter systems from single to three phase conversion to frequency conversion and voltage step up or down to SWER systems.

Integrated Industrial Control and PLC Solutions

When you require control systems to integrate with machine functionality, our experienced team can assist with the design and assembly of your system. Bringing together our product solutions and expertise to deliver the right solution for your application.

We also design and develop PLC programming tailored to suit your operational requirements.

Our capabilities include the design and manufacture of tailor made PLC control cabinets, as well as OEM equipment control and protection cabinets.

Power Factor Correction

Colterlec offer a range of power factor correction systems with peace of mind that your electrical system is utilised with optimum efficiencies.

Power Monitoring and Diagnostic Systems

Compliant with the National Construction Code Colterlec offer an effective solution for measuring and monitoring your power and electrical energy.

Our Energy Monitoring Systems and load management for EV Systems are designed with HMI controlled system with easy user access through touch screens as well storage of crucial data for import and export energy consumption.

Variable Speed Drive Systems

We provide a full suite of custom designed and manufactured drive systems where we not only supply but install the drive and associated equipment into a controls panel for a turnkey solution, saving you time and money.

Service and Maintenance

Specialist Service for Critical Electrical Systems



Maintaining and monitoring your critical electrical systems is essential for reliability, safety and minimising downtime. Colterlec Service brings together field service, engineered solutions and technical support to improve the performance, safety and reliability of your critical electrical systems. Our service team and OEM trained technicians provide 24/7 field support across commissioning, preventative maintenance and product servicing and repairs, ensuring your systems operate safely, efficiently and with minimal downtime.

One Partner Full Lifecycle

Design, supply, install, commission and service all in-house. One partner for your critical power assets from day one to end of life.

Multi Product OEM Expertise

Factory trained across Danfoss VLT/Vacon, Socomec, Rectifier Technologies and Moxa. Authorised specialists across the full critical power range.

Structured Asset Protection

Upfront site audits, asset registers, planned maintenance SLAs and remote monitoring built to extend asset life and prevent failure.

Field Ready National Support

24/7 breakdown response with local support and parts with a 1,600m² repair and load test workshop and field teams deployed nationally.

Credentials

ISO 9001 and ISO 45001 certified. Pre-qualified across all major Australian contractor compliance platforms. Top ranked Danfoss Drives Pro service and sales partner in Australia, with Socomec authorised service and Moxa MTSC Certification rounding out a partner network no other service can match.



Service

Variable Speed Drives

Commissioning, preventative maintenance, in-house repairs and load testing, capacitor reforming, locally stocked spare parts. Danfoss VLT and Vacon specialist.

Uninterruptible Power Supplies (UPS)

Socomec authorised service partner. Battery condition testing, preventative maintenance and turnkey installation across all major UPS platforms.

DC Power Systems and Batteries

Maintenance, commissioning and load testing of industrial DC chargers and battery backup systems. Exclusive Rectifier Technologies partner.

Power Quality—PFCU and Active Harmonic Filters

Design, inspection and thermal performance audits. Power quality audits to correctly size and engineer the right solution for your site.

Machine Safety Systems

Installation and servicing of Fortress interlock and access control systems. Safety guarding preventative servicing and audits.

Networking Service Centre

Moxa Authorised Repair Centre Partner. Factory trained and tested technicians for repairs and technical support on genuine Moxa networking products.

Our Locations

Newcastle

8 Rosegum Road
Warabrook NSW 2304

Sydney

Unit 1/48 Anderson Road
Smeaton Grange NSW 2567

Wollongong

Unit 1/222 Berkeley Road
Unanderra NSW 2526

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Dudley Park SA 5008

Western Australia

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Bayswater WA 6053

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