emcomp
EQUIPMENT FOR HARSH ENVIRONMENT

CBi electric
Europe







WHEN OPERATIONAL RELIABILITY IS NON-NEGOTIABLE

Emcomp International AB is a specialized technical partner providing components, subsystems and customized solutions for demanding and safety-critical environments. We help our customers secure reliable operation in applications where the consequences of downtime, failure or deviation are unacceptable, such as extreme temperatures, explosive atmospheres or applications with requirements for high reliability and service life.

Headquartered in Sweden with global operations, we deliver robust, certified and proven solutions to customers in industries including telecommunications, data centers, energy, cleantech, marine, process industry and defense.
For our customers, Emcomp is more than a supplier we are a long-term technical partner and a full-solution provider.



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OUR ROLE – MORE THAN COMPONENTS

Emcomp combines a broad product portfolio with deep technical expertise, engineering support and efficient logistics solutions. By understanding our customer´s applications, environments, and regulatory requirements, we take responsibility for the complete solution from selecting the right component to delivering a finished, customized system.

This results in:

- ✔ Increased operational reliability and extended service life
- ✔ Reduced risk in safety-rated and Ex-classified environments
- ✔ Simplified installation and maintenance
- ✔ Lower total cost of ownership over the product lifecycle
- ✔ Fewer suppliers



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VISION

To be our customers' first choice as a technical partner for components and system solutions in extreme and safety-critical environments.

MISSION

We strengthen our customer´s competitiveness through reliable, certified and customized solutions, supported by high technical expertise, close collaboration, first-class support and fast decision-making.





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OUR HISTORY

1965 Pulsteknik is founded as a manufacturer of relay-based control cabinets. Customers included Wasa Spisbröd and Arlöv Sugar Factory.

1968 After several years of manufacturing, opportunities were identified to expand the offering through the import of electrical components from Europe for the Swedish market.

1972 Production shifts toward customized time relays and increasingly advanced electronic control systems, for example pH measurement, elevator applications, and tail-lift controls.

1998 Emcomp is founded as a traditional distributor of various components for the Swedish market.

2004 Emcomp is divided into two sister companies:

- Emcomp International AB, today's Emcomp, focusing on hydraulic-magnetic circuit breakers for harsh environments, built around the South African manufacturer Circuit Breaker Industries Pty. Ltd. (CBI). Customers are primarily within telecom power and are located throughout Europe and globally.
- Emcomp Scandinavia AB, which continued distribution of other product lines in the Scandinavian markets.

2007 Electronics manufacturing at Pulsteknik has been divested, resulting in a clearer focus on components for Ex environments and automation solutions.

2008 Both Emcomp companies are acquired by the technology trading group Addtech AB. Emcomp Scandinavia is later merged into the sister company Compotech.

2009 Emcomp takes over CBI's European office outside Munich and becomes responsible for all CBI sales in Europe.

2017 Pulsteknik is acquired by Addtech AB, gaining access to approximately 140 sister companies, including Emcomp.

2021 Emcomp relocates from Fellingsbro to newly built facilities in Örebro, tailored to the company's operations and providing optimal conditions for warehousing and expanded opportunities for customized solutions.

2023 Merger with Emcomp, creating a larger organization with a broader customer base and an expanded product offering for harsh environments.

OUR OFFERING

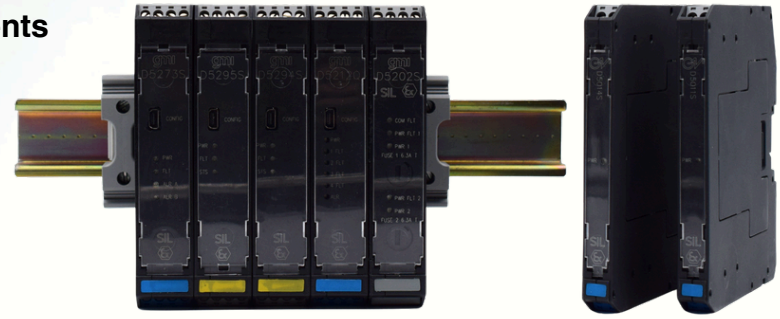
Circuit protection for demanding applications

Emcomp supplies hydraulic-magnetic circuit breakers for harsh environments. Unlike thermal-magnetic types, they are unaffected by ambient temperature, ensuring stable performance, reduced downtime, and lower energy losses.



Barriers and Signal Interfaces for Ex Environments

We provide safety interfaces and barriers for hazardous areas, compliant with SIL, ATEX, and IECEx standards where functional safety is critical.



Sensors, Transducers, Limit switches and Positioning

Our range includes limit switchers, sensors and transducers, potentiometers, encoders, and linear and inclination sensors, designed for high precision in demanding conditions.



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Switches and Relays

We offer switches, and relays for automation and safety, including solutions for extreme and hazardous environments, as well as wireless options for easy installation.



Heaters, Enclosures and Installation

Our offering includes Ex-rated heaters, lighting, and enclosures from standard to advanced systems plus cable glands, connectors, and termination solution



Electromagnets and Special Solutions

Our electromagnetic solutions are used in vehicles, industry, and defense, tailored to specific requirements for performance, environment, and lifespan.



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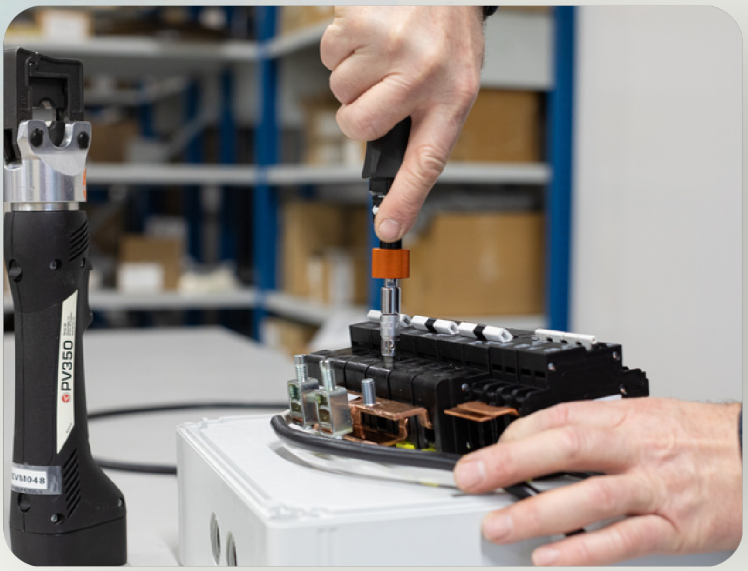
CUSTOMIZED SOLUTIONS – OUR STRENGTH

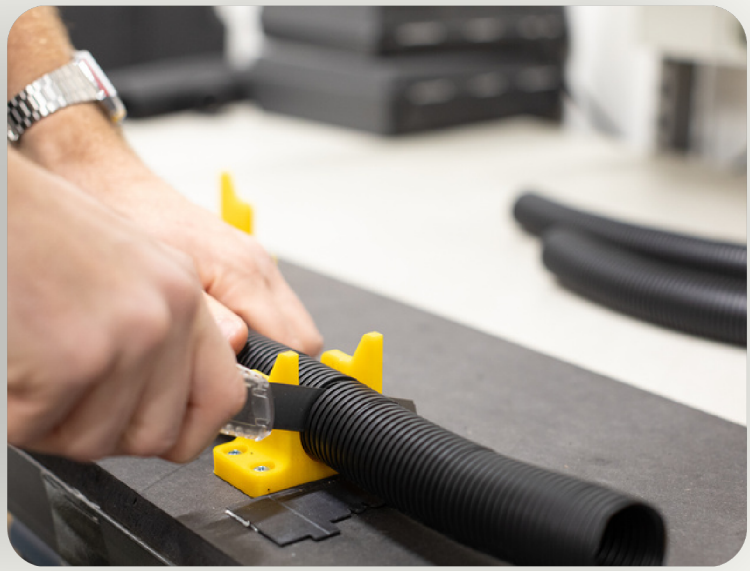
Our true strength lies in our ability to customize. With the support of our application engineers, we develop solutions precisely tailored to customer requirements, environmental conditions, and applicable regulations.

We offer:

- Sub-assemblies and pre-assembled enclosures
- Cable assemblies and termination solutions
- Custom-designed products and subsystems
- CAD-based visualization and technical documentation
- Customized packaging, labeling and logistics

Customizations can be carried out in collaboration with our global partners or in-house at our dedicated facilities in Örebro and Gothenburg.





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APPLICATION AREAS

Emcomp's solutions are used daily in critical and safety-classified applications worldwide, including:

Telecommunications & data centers

Energy storage and power distribution

Mining and process industry

Marine, offshore, and defense

Rail, signaling, and infrastructure

Lifting equipment, cranes, and industrial automation

Medical technology, ventilation, and lighting







WE ARE EMCOMP

Long-Term Customer Relationships

We are proud to collaborate with leading international and Swedish industrial companies such as ABB, Alstom, Atlas Copco, Delta Electronics, Eltek, Epiroc, Ericsson, Kongsberg, SAAB, Siemens, Stadler, and Volvo Group, among others. Our long-term relationships are built on trust, technical expertise, and reliable delivery.

Global Presence & Logistics

Emcomp works globally with OEM customers, with a primary focus on Europe and Sweden.

- Head Office: Örebro, Sweden
- Sales Offices: Gothenburg, Madrid, Guangzhou
- Distribution: Sweden/Europe (Örebro & Gothenburg) and Asia (Hong Kong)

This ensures fast deliveries, local support in key regions, and flexible inventory management.

Quality, Sustainability & Responsibility

Quality and sustainability are integral parts of our operations. We work systematically with quality, environmental and occupational health and safety management throughout the value chain, from partner selection to delivery.

Our management system is certified according to:

- ISO 9001 – Quality
- ISO 14001 – Environment
- ISO 45001 – Occupational Health & Safety

A safe and secure working environment for our employees is a prerequisite for delivering long-term value to our customers.

Science Based Targets

Our parent company, Addtech, has long worked to reduce the climate impact, with targets align with the Science Based Targets initiative.

Your Technical Partner

Whether you are looking for a specific component or a complete customized solution for demanding environments, Emcomp has the expertise, products, and commitment to secure your operation.

Contact us and let us show you how we can become your technical partner.

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Emcomp International AB