



BEYOND CONNECTION

The complete ecosystem
for the energy distribution

One Connection. Less Complexity. More Uptime.

GEWISS

#BuiltAsASystem

GEWISS is the trusted partner offering a complete, integrated IEC 309 ecosystem, combining industrial connection, protection and power distribution solutions in one coordinated system designed to simplify installation, reduce errors and ensure operational continuity in demanding environments.



More than 40 years powering industrial connection and distribution.

The GEWISS IEC 309 industrial plugs and socket-outlets range is designed to meet the everyday needs of professionals, with ergonomic design, high impact resistance, IP-rated protection, nickel-plated contacts for reliable performance, and quick, secure wiring systems that simplify installation and maintenance.

The same philosophy is behind the Q-DIN and Q-BOX distribution boards, offering a complete certified system for power distribution.

From material selection to final testing, every GEWISS solution is built to ensure long-lasting performance, reliable operation and safe power distribution in demanding industrial environments.

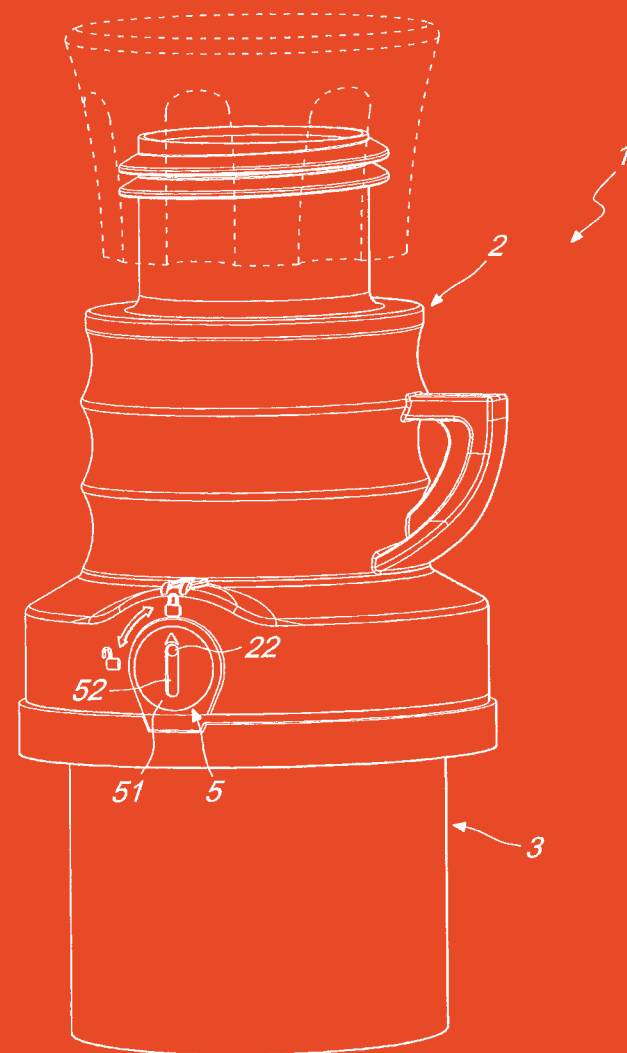


Fig. 1



Core values



Designed in Italy

Developed through decades of experience and insights from local installation practices across international markets, GEWISS IEC 309 HP plugs and socket-outlets, IB, Q-DIN and 68 ACS solutions simplify installation, improve reliability and support safe, efficient power distribution.



Total quality control

Quality is built into every step of the GEWISS manufacturing process. From the inspection of incoming raw materials to automated and manual assembly operations, dedicated control procedures verify product conformity, assembly accuracy and component consistency.



Certified in-house laboratory

Our in-house laboratory gives us full control over testing and validation, real-time adjustments and certification of compliance with the relevant Product Standards.



Sustainability

Our commitment is to develop long-lasting products that optimize the use of natural resources and reduce waste throughout their entire lifecycle. Our solutions guarantee the best quality, always with innovation and keeping in mind sustainability aspects.

Connection
Safety
Distribution

GEWISS delivers a complete IEC 309 ecosystem that combines industrial connection, protection and power distribution into one coordinated solution. Every product is designed to simplify wiring and installation, ensure compliance with applicable standards, and enable reliable, long-term power distribution.



IEC 309 HP range

Plugs and socket-outlets
IEC 309 standard



IB range

Interlocked socket-outlets
IEC 309 standard



68 Q-DIN range

Distribution boards



68 ACS range

Distribution boards
for construction sites



68 QMC range

Pedestals for energy distribution



MCBs and RCCBs

Miniature circuit breakers and
residual current devices

From Connection to Continuity

Every electrical installation relies on a safe and reliable connection. But power distribution goes beyond the connection itself. It requires coordinated solutions that safely distribute, protect and manage power throughout the system.

GEWISS brings these elements together in a complete IEC 309 ecosystem designed to simplify complexity and support reliable operation over time.

- One Connection
- Less Complexity
- More Uptime



One Connection

The IEC 309 plugs and socket-outlets that power everyday connections, enhanced by the GEWISS details professionals value most.



Less Complexity

A complete and certified distribution ecosystem designed to simplify installation, protection and power management.



More Uptime

GEWISS solutions are engineered to ensure continuity, reliability and safe power availability in every application.

One Connection

Every power distribution system starts with a connection. **GEWISS IEC 309 HP** industrial plugs and socket-outlets are designed around the needs of installers and end users, combining ease of installation, high protection ratings, mechanical robustness and reliable electrical performance.

PRACTICAL ON-SITE HANDLING

Versions up to 125A feature an integrated **suspension eyelet** that allows the plug and the socket-outlet to be hung on a support or kept off the ground, **improving practicality and ease of use** for the installer.

FASTER INSTALLATION

The **captive cable gland** combines cable gland and cable clamp functions in a single device, reducing installation time, accommodating different cable diameters, and ensuring a **secure sealing**.

IMPACT RESISTANCE

High-performance technopolymers provide **IK09 impact resistance**, even in harsh environments and temperatures down to -25°C, ensuring **maximum durability and reliable performance** against accidental impacts on site.

WATERTIGHT PROTECTION

Maximum protection against dust and water ingress, **with IP66/IP67/IP68/IP69 ratings** for reliable operation in demanding environments. IP68 allows deep immersion, while IP69 protects against high-pressure, high-temperature water jets. IP44/IP54 rating range is also available.

OUTDOOR RELIABILITY

UV resistant according to EN 62208 and **saline-solution resistant** for long-term reliability in outdoor and coastal applications.

ERGONOMIC HANDLING

Ergonomic grip with tennis-racket-inspired design for easier and **comfortable handling**. The special shape and the **rubberised surfaces** in the 63 and 125A versions ensure the **best possible grip** in any usage conditions, even when wearing work gloves and in the presence of water or moisture.

LONG-LASTING CONNECTION

The **nickel-plated contacts** offer the best protection **against corrosion, oxidation and abrasion**, even in applications with critical environmental conditions or in the presence of aggressive substances (e.g. marine/port installations). This feature comes as standard across the entire IEC 309 range.

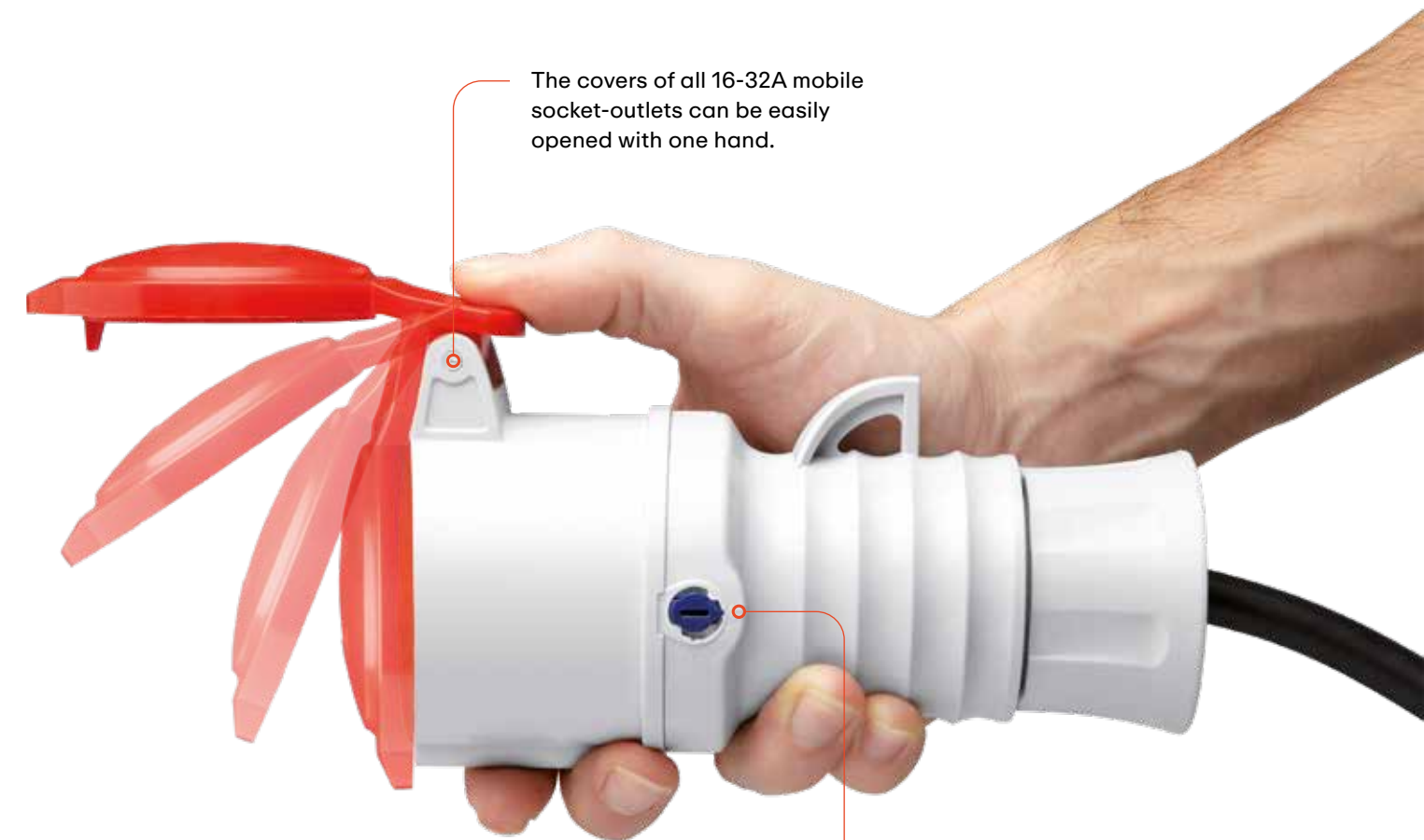
The IEC 309 HP range includes mobile plugs and connectors, 10° and 90° fixed inlets, as well as flush- and surface-mounted socket-outlets from 16A to 125A, providing safe and dependable power connections for every application where continuity, reliability and safety are essential.

A wide range of clock positions ensures compatibility with marine and refrigerated container applications, special voltages, DC systems and high-frequency power supplies.



IEC 309 HP Plugs and socket-outlets

The **16A and 32A** versions are available with screw terminals or quick spring terminals, ensuring extremely easy installation and long-lasting connections resistant to knocks and vibrations. Compared to traditional versions, the quick spring solution reduces installation time by up to 50%.



Quick spring terminals

The **SAFE-LOCK** closure system (common to all the 16-32A mobile versions) allows easy opening and closing operations thanks to a ¼ turn rotation coupling and anti-slackening friction. A ¼-turn safety screw ensures secure closure, repeated-use durability and safe handling.



EASY & SAFE INSTALLATION
The IEC 309 HP range is designed to simplify and speed up wiring operations:

The **63A and 125A versions** feature indirect-clamping hooded terminals, with double-screw technology on 63A versions and stud terminals on 125A versions, ensuring optimal contact surface and pressure. Wiring is simplified by the raised earth terminal, oriented terminals and pre-loosened wiring screws, while guided tool insertion prevents slipping and enhances installer safety. Captive axial screws secure the two halves of the plug/socket body, preventing accidental loss during installation and maintenance.



Rear ring nut for easy tool-assisted operation



Mantle terminals

Discover all the IEC 309 range



IEC 309 HP
Plugs and socket-outlets
IEC 309 standard



IEC 309 BTS
Extra-low voltage plugs and
socket-outlets IEC 309 standard



IEC 309 MA
Multiple sockets and adaptors
for industrial and domestic use,
protected and watertight

Less complexity

Power distribution requires solutions that work together, simplify installation and facilitate system configuration. From connection points to distribution boards and protection devices, each component must contribute to a system that is easier to design, install and manage.

That's why GEWISS develops solutions designed around the real needs of installers: simplified connection systems, coordinated components and modular distribution boards, enhanced by design features that streamline installation, inspection and ongoing operation.

Backed by GEWISS technical expertise, dedicated engineering support and digital configuration tools, the complete IEC 309 ecosystem helps reduce complexity.

Integrated solutions
that simplify each
stage of the project.



IB

Interlocked socket-outlets

Designed to mechanically prevent plug insertion or withdrawal under load, GEWISS interlocked socket-outlets enhance operator safety, protect equipment and support compliance with electrical installation requirements.

Robust and installer-focused design details make GEWISS interlocked socket-outlets a reliable solution wherever safety and continuity of service are essential.



AUTOMATIKA
Interlocked socket-outlet with integrated circuit breaker and LED indicators, reducing assembly operations, optimizing space and simplifying status monitoring.



EASY ACCESS
Hinged front opening provides quick access for wiring and servicing, reducing installation and maintenance time.

SAFETY
Padlockable handle in ON and OFF positions supports lockout/tagout procedures and prevents unauthorized operations.

QUICK AND EASY INSTALLATION
Captive screws preventing component loss and pre-marked cable entry points on the top and bottom.

PROTECTION COORDINATION
Available with or without fuse-holder base, allowing the most suitable protection level for the application. Quarter-turn screws speed up access to internal components and simplify intervention on site.

CABLE-FRIENDLY DESIGN
10° angled socket-outlet design improves cable management and reduces mechanical stress on connected plugs and cables.

IMPACT RESISTANCE
IK08 impact resistance helps withstand accidental impacts, equipment handling and daily industrial use.

WATERTIGHT PROTECTION
IP66/IP67 protection safeguards against dust, powerful water jets and temporary accidental immersion, ensuring reliable operation in demanding environments.

OUTDOOR DURABILITY
UV- resistant, tested according to EN 62208, and saline-solution-resistant materials guarantee long-term durability in outdoor, coastal and exposed installations.

INSTALLATION VERSATILITY
Dedicated boxes with frames are available for flush-mounted installation in masonry or lightweight/plasterboard walls.

Discover all the IB ranges



67 IB
Vertical interlocked socket-outlets IEC 309 standard - IP66 / IP67

66 IB
Vertical interlocked socket-outlets IEC 309 standard for heavy duty - IP66

44 IB
Horizontal protected interlocked socket-outlets IEC 309 standard - IP44

COMBIBLOC
Compact protected and watertight interlocked socket-outlets IEC 309 standard - IP44 and IP55

Less complexity

68 Q-DIN Distribution boards

Every detail of the Q-DIN distribution range is designed to simplify installation and operation while maximizing flexibility. Modular sizes, expansion options, multiple mounting accessories, quick access to protection devices and pre-marked cable entries are designed to facilitate to streamline setup and configuration.



EASY MAINTENANCE
The insulating plastic slotted screws, are wear-resistant, captive, and also act as hinges, allowing the cover to open either to the right or to the left.



Designed for operation by ordinary persons, Q-DIN DBO are ideal for commercial and tertiary applications.

EASY INSTALLATION

Pre-marked cable entry points simplify drilling and cable gland installation, reducing assembly time and installation errors.



HIGH PROTECTION

IP65 protection safeguards internal components against dust and water jets, ensuring reliable operation indoors and outdoors.



OUTDOOR DURABILITY

UV-resistant materials, tested according to EN 62208, ensure long-term durability and reliability in harsh outdoor environments.



FLEXIBLE INSTALLATION

A wide range of mounting accessories, including wall brackets and pole supports, ensures installation flexibility.



IMPACT RESISTANCE

IK08 impact resistance protects the enclosure from accidental knocks and impacts in industrial environments.

EASY EXPANSION

Expansion modules allow the addition of extra 14 or 20 DIN modules.

GEWISS PROTECTION

GEWISS protection devices (MCBs, RCCBs, etc.) complete the fully integrated solution from a single partner.

CONFIGURATION VERSATILITY

Multiple enclosure sizes (from 5 to 20 DIN modules), can accommodate IEC 309 fixed socket-outlets, interlocked socket-outlets (up to 63A), domestic sockets, protection devices and emergency push button.

Discover all the 68 Q-DIN ranges



Empty boards
Surface-mounting - IP65



Wired Q-DIN DBO
with IEC 309 socket-outlets - IP44 and IP65



Wired COMBIBLOC
boards with compact interlocked socket-outlets - IP44/IP55



Wired Q-DIN DBO
with horizontal interlocked socket-outlets - IP44

Less complexity

68 ACS

Distribution board system for construction sites

Designed for temporary and demanding power distribution applications, the 68 ACS range combines robustness, portability and compliance. Certified as ACS assemblies according to EN 61439-4, it meets a wide range of electrification needs, from small installations to the largest construction sites, providing reliable power distribution.



CLOSED-DOOR OPERATION

The front doors can remain safely closed while Q-BOX is in use. Components are protected against accidental impacts typical of construction sites.



SECURE CABLE MANAGEMENT

Stainless-steel tear-resistant cable fastening hooks help keep cables securely organized during transport, operations and avoid cable pull-outs.



Designed for demanding construction-site environments, Q-BOX combines practical design features that support installation, operation, transport and maintenance.

STATUS MONITORING

The green pilot light allows quick verification of circuit integrity and operating status.

EMERGENCY DISCONNECTION

Emergency push-button options enable rapid disconnection when required.

EASY HANDLING

Integrated handles allow the board to be lifted and transported easily, either manually or by crane.

GEWISS PROTECTION

GEWISS protection devices (MCBs, RCCBs, etc.) complete the fully integrated solution from a single partner.



DUST AND WATER INGRESS PROTECTION

IP55 protection safeguards the enclosure against dust and water ingress commonly encountered on construction sites or in temporary installation applications.



OUTDOOR DURABILITY

UV-resistant materials, tested according to EN 62208, ensure long-term durability and reliability in harsh outdoor environments.



IMPACT RESISTANCE

IK10 impact resistance helps protect the enclosure from accidental impacts during transport, handling and site operations.



ENHANCED CONFIGURATION FLEXIBILITY

Dedicated Q-BOX panels enable tailored configurations with additional socket-outlets and expanded modular capacity for complex installation requirements.

Discover all the 68 ACS ranges



Wired 68 QP ACS
main polyester boards
Wired 68 CDK ACS
main thermoplastic boards



Watertight board
equipped with cable
and mobile plug - IP65



Protected board
with metal support



Q-MC 16T
Transportable pedestal

Less complexity

Your Complete Distribution Board Service

Ready-to-use certified solutions, custom-built assemblies and the Energy Pro configurator deliver immediate availability, full traceability, streamlined certification processes and complete peace of mind.

PRE-WIRED DISTRIBUTION BOARDS FROM THE GEWISS TRADE CATALOGUE



A complete range of IEC 309 distribution and construction site boards, compliant with EN 61439, equipped with socket-outlets and protection devices, assembled, pre-wired and certified by GEWISS.



CUSTOM-BUILT DISTRIBUTION BOARDS BY GEWISS



A custom quotation and wiring service designed to meet the requirements of every professional and applications. Distribution boards are supplied assembled, pre-wired and certified by GEWISS.



DESIGN IT YOURSELF WITH ENERGY PRO



GEWISS provides the ENERGY Pro software free of charge, enabling fast and easy configuration of custom distribution boards. Users can generate the bill of materials, obtain the certificate of conformity issued directly by GEWISS, and benefit from greater autonomy and faster design.



More Uptime

Logistics centers
Construction sites
Data centers
Temporary events
Industries
Wind & solar industries
Marine industry
Sport
Hospitality
Healthcare

Solutions for every application

From industrial plants and logistics centers to data centers and temporary installations, GEWISS combines industrial connection, protection and power distribution to ensure reliable power availability, even in the most demanding environments.

Logistics centers

Logistics centers and warehouses depend on reliable power for conveyor systems, automated handling equipment, loading dock operations and maintenance activities. Frequent plugging and unplugging, dust, moisture, temperature fluctuations, and mechanical stress are part of everyday operations.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

ADAPTABILITY

Logistics centers evolve over time, requiring electrical systems that can be easily expanded, reconfigured and installed with minimal downtime.

SCALABLE AND FLEXIBLE SOLUTIONS

Q-DIN distribution boards feature a modular design that allows easy expansion and reconfiguration, with up to 40 DIN modules. GEWISS also offers customized, pre-wired and certified solutions for maximum installation flexibility.

LIMITED SPACE

Electrical devices must fit into confined installation spaces without compromising performance or accessibility.

COMPACT DESIGN

Q-DIN's compact dimensions make it ideal for tight spaces, including standard H-beam installations, while 67 IB Automatika can be considered the most compact Q-DIN in the GEWISS offer.

RELIABLE PERFORMANCE

Dust, moisture, oil and vibrations can affect electrical connections, causing overheating, unstable power supply and unexpected downtime.

RELIABLE CONNECTIONS

Nickel-plated contacts ensure long-lasting electrical performance by resisting corrosion and contamination. Secure spring or mantle terminals provide vibration-resistant wiring, reducing the risk of failures.

PROTECTION FROM IMPACT DAMAGE

Forklifts, falling objects and accidental impacts can damage electrical devices, interrupting power and operations.

HIGH IMPACT RESISTANCE

GEWISS solutions provide high impact resistance across the range, from IEC 309 plugs and socket-outlets rated IK09, to Q-DIN wired board enclosures rated IK09, and IB interlocked socket-outlets reaching IK10 in the IB66 versions, ensuring durability in demanding environments.

PROTECTION FROM WATER DAMAGE

Outdoor installations and frequent washdowns require effective protection against water ingress and corrosion.

HIGH PROTECTION RATING

The watertight versions of plugs and sockets withstand even intensive high-pressure cleaning, Q-DIN ensures protection against low-pressure water jets from any direction.



Construction sites

Construction sites rely on temporary power distribution to supply tools, machinery, site facilities and maintenance activities. These installations must be robust, portable, and flexible enough to adapt to changing site requirements.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

TEMPORARY POWER DISTRIBUTION

Construction sites require safe and reliable power distribution systems that can be installed quickly and easily relocated as work progresses.

PORTABLE POWER DISTRIBUTION

68 ACS range combines power distribution, protection and IEC 309 connectivity in a single portable solution. Integrated handles, transport accessories and pre-wired configurations enable fast installation and easy relocation throughout the site.

DURABILITY IN HARSH SITE CONDITIONS

Electrical equipment must withstand impacts, dust, weather exposure and intensive daily use while ensuring reliable performance in demanding environments.

BUILT FOR HARSH ENVIRONMENTS

Robust materials and high protection ratings help ensure reliable operation in demanding site environments. Q-BOX offers IK10 impact resistance and IP55 protection, while IEC 309 plugs and socket-outlets are available in protected or watertight versions.

OPERATOR AND EQUIPMENT SAFETY

Temporary electrical installations must protect both personnel and equipment, while allowing operators to quickly monitor system status and respond safely in emergency situations.

ENHANCED SAFETY

Pilot lights, emergency push-buttons and integrated protection devices improve operational safety. The closed-door design protects internal components during operation, ensuring great reliability.

FLEXIBILITY FOR EVOLVING SITE REQUIREMENTS

As construction projects progress, power requirements change. Electrical distribution systems must adapt quickly to different tools, machinery and temporary installations.

MODULAR AND FLEXIBLE CONFIGURATIONS

GEWISS offers IEC 309 connection solutions, pre-wired distribution boards and customized assemblies that can be easily adapted to changing site requirements, simplifying installation and reducing complexity.



Data centers

Data centers are the backbone of modern IT infrastructures, where power reliability is paramount. Even the minor interruptions can cause enormous costs and jeopardize the availability of critical systems. Space is often limited, especially in server cabinets and technical rooms, making compact and efficient solutions essential. In data centers, every connection counts.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

RELIABLE CONNECTIONS UNDER VIBRATION
Vibrations and temperature fluctuations generated by cooling systems can loosen electrical connections, leading to power interruptions and costly downtime.

RELIABLE PERFORMANCE
Dust, moisture and oxidation can increase contact resistance, causing overheating and unstable power supply.

MAXIMUM SAFETY
Disconnecting equipment under load can generate electrical arcs, creating safety hazards, voltage drops and the risk of service interruptions.

LIMITED SPACE
Server rooms and technical cabinets require compact electrical devices that optimize space, improve accessibility and support efficient airflow.

MAINTENANCE WITHOUT SYSTEM DISRUPTION
Maintenance and equipment replacement must be carried out without affecting adjacent systems, ensuring maximum uptime and continuity of service.

RELIABLE WIRING SYSTEM
IEC 309 socket-outlets feature spring terminals (16–32 A) or mantle terminals (63–125 A), providing secure, vibration-resistant wiring that minimizes failures and ensures long-term reliability.

RELIABLE CONNECTIONS
Nickel-plated contacts ensure stable electrical performance, preventing temperature rise and delivering long-lasting reliability.

PROTECTION AGAINST ACCIDENTAL DISCONNECTION
The interlocked socket-outlets feature a padlockable handle in both ON and OFF positions, helping prevent unauthorized operation, accidental disconnection and unnecessary downtime.

COMPACT DESIGN
Compact interlocked sockets socket-outlets and customized Q-DIN distribution boards maximize available space, simplify installation and improve system organization.

LOCAL POWER ISOLATION
GEWISS interlocked socket-outlets allow individual loads to be safely isolated while the rest of the installation remains energized, simplifying maintenance.



Temporary events

Temporary trade fairs and events require reliable power supply for temporary setups in halls and outdoor areas. Installations must quickly adapt to different layouts, be robust enough for transport, and be easy to mount even in tight spaces.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

FLEXIBLE EVENT INSTALLATIONS

Trade fairs and events require power distribution systems that can quickly adapt to different layouts, technical requirements and installation environments. Solutions must be easy to configure, relocate and reuse across multiple events.

SCALABLE AND MOBILE SOLUTIONS

GEWISS offers pre-wired distribution boards, customized configurations and ENERGY Pro software for fast and flexible design. Mobile accessories, including frames and mounting brackets, simplify transport, installation and dismantling.

LIMITED SPACE

Exhibition halls, stages and technical areas often provide limited installation space, requiring compact solutions that integrate easily into existing structures.

COMPACT DESIGN

A wide range of pre-wired distribution boards configurations and sizes adapts easily to confined spaces and installation requirements.

PROTECTION AGAINST WATER AND DUST

Temporary indoor and outdoor installations are exposed to rain, dust and dirt. High ingress protection is essential to ensure safe, reliable operation throughout the event.

HIGH PROTECTION RATING

Watertight plugs and socket-outlets are certified up to IP66/IP67/IP68/IP69 while Q-DIN distribution boards provide IP65 protection, ensuring reliable power distribution even in demanding environmental conditions.

PROTECTION AGAINST IMPACT DAMAGE

Frequent transport, installation and dismantling expose electrical equipment to impacts and mechanical stress, making durability essential for reliable operation.

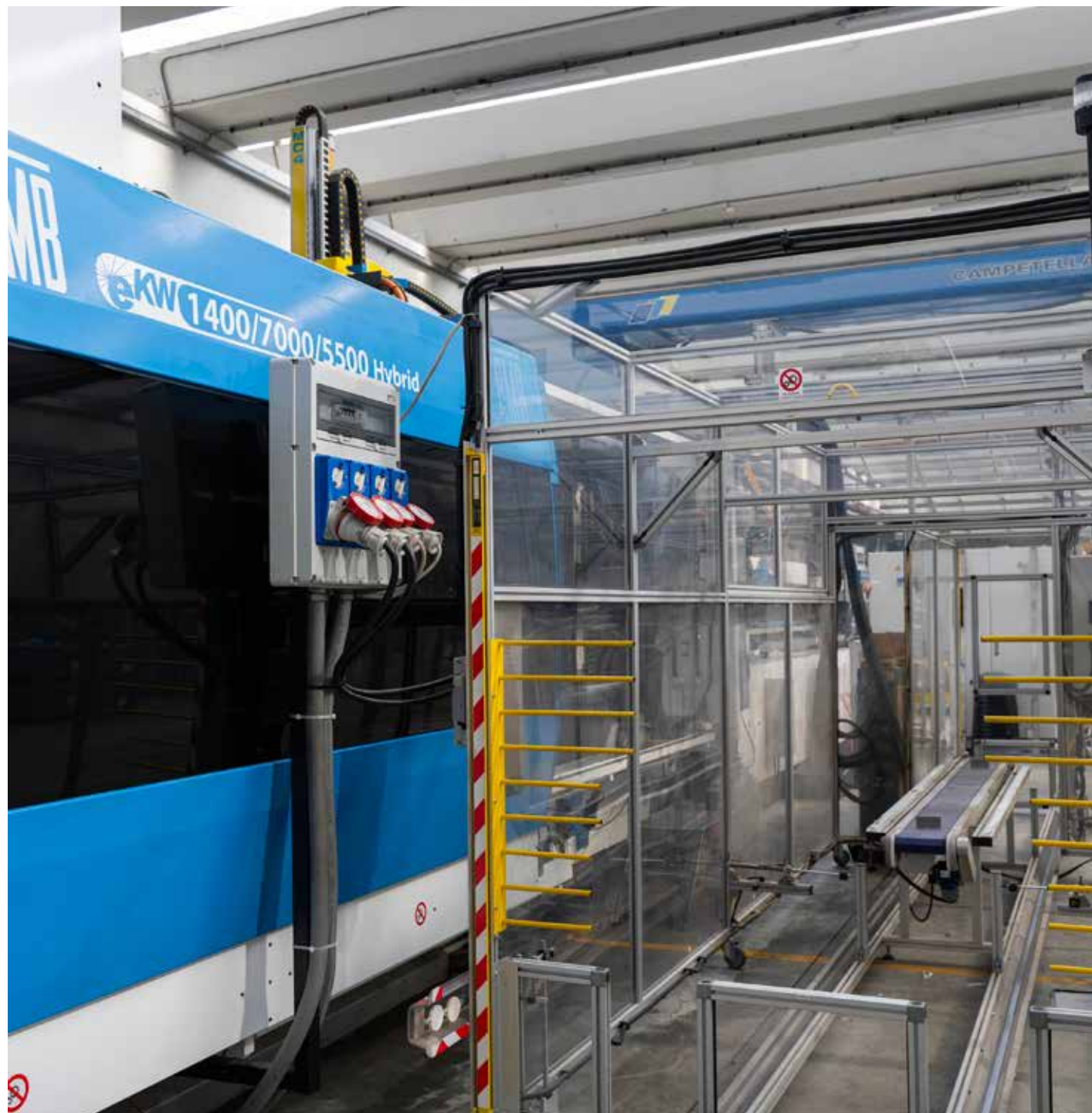
HIGH IMPACT RESISTANCE

IEC 309 plugs and socket-outlets, Q-DIN and Q-BOX provide IK09 and IK10 impact resistance, ensuring long-term durability and dependable performance throughout repeated event installations.



Industrial facilities rely on continuous power availability to keep production lines, machinery and auxiliary systems operating efficiently. Electrical equipment is often exposed to dust, moisture, vibration, mechanical stress and demanding maintenance routines.

Power distribution solutions must therefore deliver reliable performance, durability and protection in order to minimize downtime and support continuous operation.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

MINIMIZING DOWNTIME

Even short power interruptions can stop production lines, reduce productivity and generate significant costs. Electrical infrastructure must ensure reliable power availability and rapid recovery during maintenance or interventions.

PROTECTION FROM WATER, DUST AND CHEMICALS

Industrial environments expose electrical equipment to dust, moisture, chemicals and intensive cleaning processes. High level of protection is essential to ensure safe and reliable operation.

RELIABLE CONNECTIONS UNDER VIBRATION

Vibrations generated by motors, pumps, conveyors and other machinery can loosen conventional electrical connections, leading to intermittent faults and unplanned downtime.

PROTECTION FROM IMPACTS

Forklifts, moving machinery, tools and routine maintenance can expose electrical equipment to accidental impacts and continuous mechanical stress.

RELIABLE POWER DISTRIBUTION

GEWISS combines industrial connection, protection and power distribution solutions in one coordinated system, ensuring reliable power availability and maximizing plant uptime.

HIGH PROTECTION RATING

Advanced sealing systems and high-quality materials ensure watertight protection and reliable performance, even in harsh environments and during frequent washdowns.

RELIABLE WIRING SYSTEM

IEC 309 spring terminals (16–32 A) and mantle terminals (63–125 A) provide secure, vibration-resistant connections, ensuring long-term electrical reliability in demanding industrial applications.

HIGH IMPACT RESISTANCE

High-performance technopolymers and IK-rated protection provide excellent resistance to mechanical impacts, ensuring durability and dependable operation in demanding industrial environments.



INSTALLATION FLEXIBILITY

IEC 309 plugs and socket-outlets are designed for installation not only on GEWISS thermoplastic distribution boards, such as Q-DIN and Q-BOX, but also on a wide range of flat surfaces and structures, including steel panels, machinery and custom-built enclosures. By following the drilling dimensions and installation instructions provided in the technical documentation, the declared IP protection rating and correct product performance are ensured.

Wind & solar industries

Renewable energy installations rely on safe and dependable power distribution throughout their entire lifecycle, from construction and commissioning to operation and maintenance.

Whether in wind farms, solar parks or energy storage facilities, electrical systems are often installed in remote and exposed environments where reliability is essential.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

**RELIABLE CONNECTIONS
IN DEMANDING CONDITIONS**
Renewable energy installations are exposed to vibration, temperature variations and continuous environmental stress that can affect electrical connections over time. In wind applications for example, turbine vibrations can loosen connections.

OUTDOOR DURABILITY
Wind farms and solar installations operate in full outdoor exposure, where UV radiation and temperature variations can accelerate material ageing and reduce equipment reliability over time.

PROTECTION FROM IMPACT
Remote and exposed installations are subject to impacts, maintenance operations and handling stress, especially during servicing activities such as wind turbine maintenance.

DIFFERENT SITE CONFIGURATIONS
Renewable energy projects require different layouts, including wind turbines, inverter stations, solar parks and energy storage systems.

RELIABLE WIRING SYSTEM
IEC 309 spring terminals (16–32 A) and mantle terminals (63–125 A) provide secure, vibration-resistant connections designed for demanding operating conditions, helping prevent failures and ensure long-term performance.

UV-RESISTANT MATERIALS
GEWISS solutions are made of UV-resistant materials tested according to EN 62208, preserving properties and reliability even after long-term outdoor exposure.

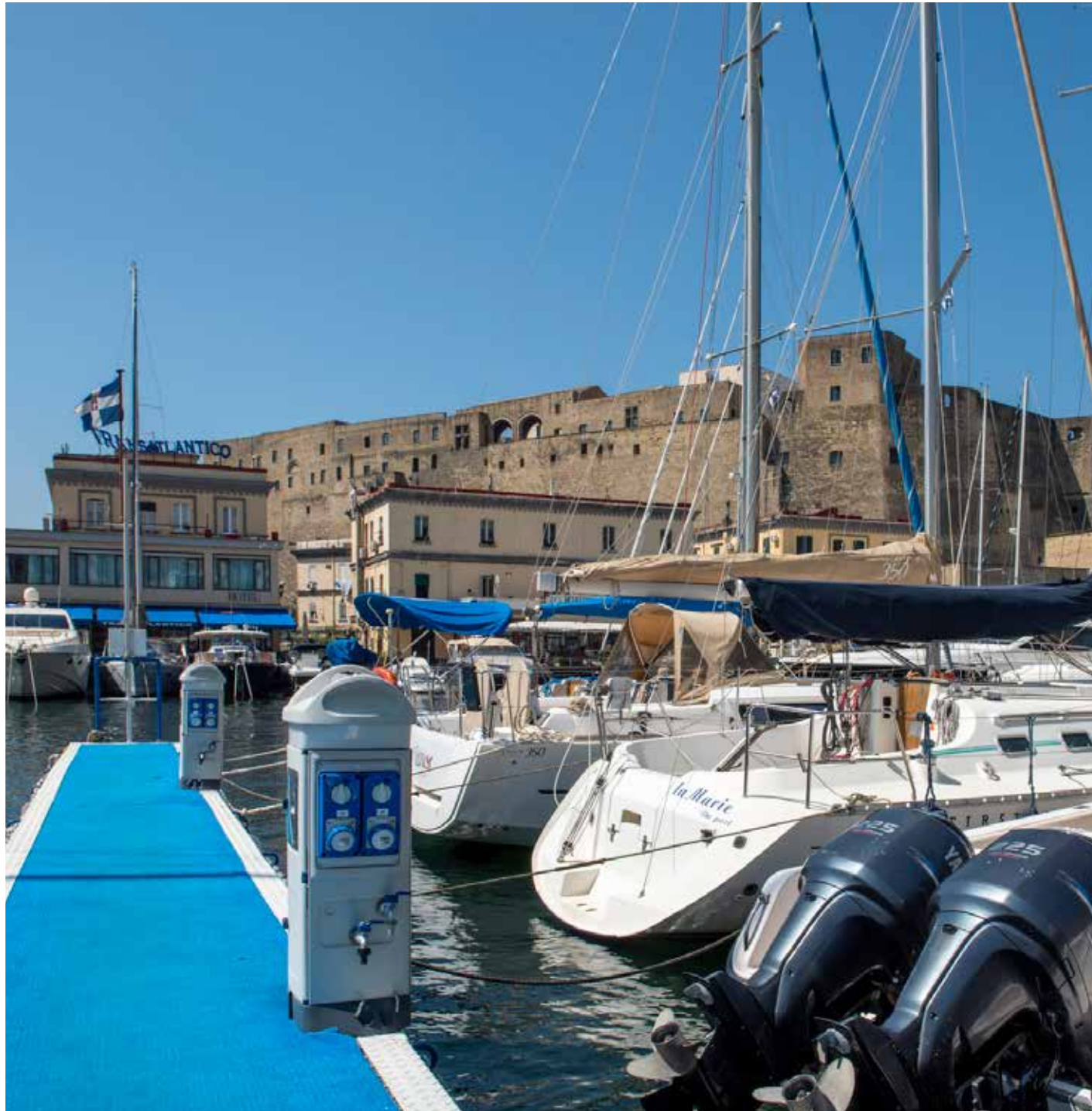
HIGH IMPACT RESISTANCE
GEWISS solutions provide high impact resistance across the range, from IEC 309 plugs and socket-outlets rated IK09, to Q-DIN wired board enclosures rated IK09, and IB interlocked socket-outlets reaching IK10 in the IB66 versions, ensuring durability in demanding environments.

CUSTOMIZED SOLUTIONS
GEWISS offers custom-built distribution boards designed to meet specific project requirements.



Marine industry

Ports, shipyards and marine infrastructures require reliable power for cargo handling, dock services and maintenance activities. Exposure to saltwater, humidity and harsh conditions demands durable and dependable electrical solutions.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

RELIABLE PERFORMANCE IN HARSH ENVIRONMENTS

Exposure to saltwater, humidity and extreme weather conditions can accelerate corrosion and lead to increased resistance, voltage drops or complete connection failures.

RELIABLE CONNECTIONS

IEC 309 plugs and socket-outlets with 3h and 11h clock positions suit refrigerated container and marine applications. Nickel-plated spring-loaded contacts ensure reliable performance in corrosive environments, while 66 IB interlocked socket-outlets provide high resistance to atmospheric, chemical and impacts.

PROTECTION FROM WATER AND DUST INGRESS DAMAGE

Water and dust ingress into plugs, sockets and enclosures can cause short circuits, equipment damage and safety risks.

HIGH PROTECTION RATING

Q-DIN and IB are available in watertight version, in addition the mobile plugs and sockets-outlets are certified up to IP66/IP67/IP68/IP69, withstand high-pressure jets and hot water to prevent failures and damage.

PROTECTION FROM IMPACT DAMAGE

Cranes, containers and vehicles operating in port areas can cause frequent impacts that damage electrical equipment and lead to operational delays.

HIGH IMPACT RESISTANCE

GEWISS solutions offer IK08 and IK09 impact resistance, ensuring durability under mechanical stress. Q-BOX (construction site version) provides IK10 protection thanks to its blow-molded thermoplastic housing, safeguarding internal components from severe impacts.

SPECIFIC LAYOUT NEEDS

Complex and non-standard installations increase the risk of configuration errors and compatibility issues between components.

CUSTOMIZED SOLUTIONS

GEWISS offers fully custom-built distribution boards, delivered ready for installation. Energy Pro software enables fast customization, reduces design time and helps prevent configuration and compatibility errors.

COMPLIANCE WITH DOCK SAFETY STANDARDS

Electrical installations in ports and docks must comply with strict safety requirements to ensure safe and continuous operations.

CERTIFIED SYSTEMS

The 68 Q-MC series is a thermoplastic system for energy distribution in marinas, ports and public areas. It combines robust design with long-term resistance to atmospheric and chemical agents.



Sports facilities require safe and reliable power distribution to support lighting systems, technical equipment, maintenance operations, temporary services and large public events.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

OPERATIONAL CONTINUITY

Large sports facilities depend on uninterrupted power supply for lighting, broadcasting systems, scoreboards, security and event operations. Even short interruptions can impact the spectator experience and disrupt event performance.

RELIABLE POWER DISTRIBUTION

GEWISS provides a complete IEC 309 ecosystem covering connection, protection and distribution. Integrated systems support continuous power availability.

RELIABLE PERFORMANCE

Sports venues operate in outdoor environments where equipment is exposed to rain, dust, sunlight and temperature variations, requiring long-term durability under continuous environmental stress.

HIGH PROTECTION RATING

Watertight protection and UV-resistant materials ensure reliable operation and long-term performance in outdoor stadium and arena environments.

ADAPTABILITY

Stadiums and arenas host a wide range of events, requiring power distribution systems that can quickly adapt to changing layouts, temporary installations and variable energy demands.

FLEXIBLE SOLUTIONS

The variety of interlocked socket-outlets and the Q-DIN range enable fast deployment and easy configuration, supporting different event setups and operational requirements.

RESISTANCE TO IMPACTS AND INTENSIVE USE

Public areas, maintenance activities and event operations expose electrical installations to accidental impacts and continuous mechanical stress.

HIGH IMPACT RESISTANCE

High mechanical resistance, durable materials and robust design help GEWISS products withstand impacts and intensive use, ensuring long-term reliability and operational continuity.

SIMPLIFIED SYSTEM MANAGEMENT

Facility managers require fast access to technical information, spare parts and support services to ensure quick maintenance and uninterrupted operations.

SINGLE POINT OF CONTACT

With all components, including protection devices, supplied by GEWISS, customers benefit from a single point of contact for technical support, product information, spare parts and after-sales service.



Hospitality

Hotels, restaurants and commercial kitchens rely on continuous power availability to support food preparation, refrigeration systems, HVAC equipment, laundry areas and facility operations. Electrical installations must combine reliability, hygiene, operational continuity and easy maintenance.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

CONTINUOUS OPERATION

Unexpected power interruptions can affect guest experience, food preservation and daily operations.

RELIABLE POWER DISTRIBUTION

From engineering expertise to product design, every GEWISS component is built to ensure reliability and operational continuity.

FREQUENT WASHDOWNS AND HUMID ENVIRONMENTS

Commercial kitchens and service areas are regularly exposed to water, steam, detergents and intensive cleaning procedures.

HIGH PROTECTION RATING

Watertight interlocked socket-outlets provide helping ensure reliable operation even during frequent cleaning activities.

EASY MAINTENANCE

Maintenance operations must be carried out quickly to minimize disruption to guests and facility activities.

FAST ACCESS AND SERVICING

Modular distribution systems, quick access to protection devices and a single source for components, documentation and spare parts help simplify maintenance activities.

SPACE OPTIMIZATION

Technical rooms, kitchens and service areas often offer limited installation space.

COMPACT AND FLEXIBLE SOLUTIONS

Compact solutions help optimize available space while maintaining accessibility and functionality. Dedicated 671B boxes with frame are also available for flush-mounted installation in masonry or lightweight/plasterboard walls.

SAFETY FOR STAFF AND EQUIPMENT

Commercial kitchens use high-power appliances that require safe connection and disconnection procedures, while withstanding frequent cleaning and intensive daily use.

ENHANCED SAFETY

GEWISS IB interlocked socket-outlets prevent connection and disconnection under load, enhancing operator safety and helping ensure reliable operation.



Healthcare

Hospitals and healthcare facilities depend on safe and reliable power distribution to support medical equipment, technical rooms, laboratories, maintenance activities and building services. Electrical installations must ensure maximum reliability, safety and operational continuity.



GEWISS delivers a fully integrated IEC 309 system designed around real installation needs:

MAXIMUM OPERATIONAL CONTINUITY
Power interruptions can affect critical services and essential facility operations.

RELIABLE POWER AVAILABILITY
GEWISS combines connection, protection and power distribution solutions in one coordinated system, helping healthcare facilities maintain reliable power availability, safety and continuity of operation.

SAFE MAINTENANCE OPERATIONS
Maintenance activities must be performed safely while minimizing disruption to adjacent services.

LOCAL POWER ISOLATION
GEWISS interlocked socket-outlets allow individual circuits and loads to be safely isolated, simplifying maintenance while supporting continuity of operation in surrounding areas.

RELIABLE CONNECTIONS
Medical and technical equipment require stable electrical performance over time.

LONG-TERM ELECTRICAL RELIABILITY
Nickel-plated contacts and vibration-resistant wiring systems help maintain reliable electrical connections and reduce the risk of faults.

HYGIENE AND CLEANING REQUIREMENTS
Rooms and service areas are frequently cleaned and sanitized.

PROTECTION AGAINST WATER AND DUST
Watertight interlocked socket-outlets and Q-DIN distribution boards are designed to support reliable operation in demanding environments.



NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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