

# IEC 309 RANGE

PLUGS AND SOCKETS TO IEC 309 STANDARDS

**GEWISS**

## CHARACTERISTICS AND ADVANTAGES

### AT THE SERVICE OF EVERY NEEDS

A range of fixed and trailing sockets and plugs conforming to the unified International Standards (IEC and EN 60309). The offer is extensive and consists of sockets and plugs from 16 to 125 A with polarities, voltages and nominal frequencies suitable to all systems up to 500 V. The different types meet a wide range of needs in power drawing and distribution within the service and industrial sectors.



IEC 309 RANGE

#### ▲ SAFETY AND QUALITY

The IEC 309 range is designed not only to comply with the strict requirements set out by the Standards, but also to achieve and preserve maximum performance.

Therefore the product offers the best in quality and reliability.

#### ▲ INNOVATION

GEWISS has always been committed to providing cutting-edge solutions and now proposes the innovative IEC 309 SL range of rapid assembly and wiring plugs and sockets, that recently received the most important international awards.

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## CHARACTERISTICS AND ADVANTAGES

### APPLICATIONS

#### IEC 309 RANGE

The most complete range of industrial plugs and sockets which, thanks to its sturdiness, reliability and resistance to external agents, guarantees the optimum solution for the most demanding applications in all fields of the commercial and industrial sectors, and for special systems (building sites, tourist ports, campsites).



**INDUSTRY**



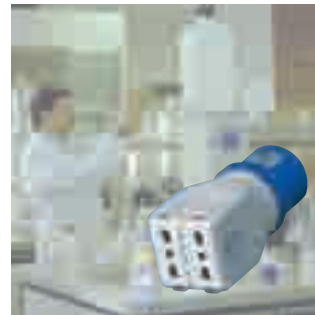
**PUBLIC MEETING AND ENTERTAINMENT PLACES**



**CONSTRUCTION SITES AND SHIPYARDS**



**PORTS AND CAMPSITES**



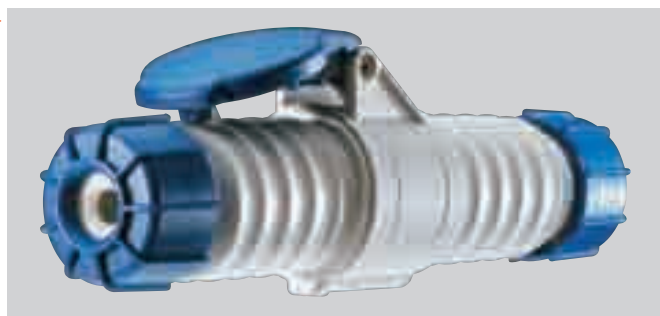
**CHEMICAL LABORATORIES**



**AGRICULTURE**

#### IEC 309 SL RANGE

In addition to covering all industrial typically ensured by normal industrial connections, the IEC 309 SL range is the ideal solution for those applications where quick installation and safe connections are indispensable.



#### ANTI-LOOSENING CONNECTIONS



**INDUSTRY AND BUILDING SITES**  
Reliable power supply for machinery.



**GENERATING SETS**  
Unchangeability in the presence of vibration and heat.

#### QUICK INSTALLATION



**INDUSTRY**  
Time and work saving.



**MAINTENANCE**  
Fast return to service.

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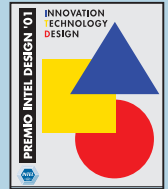
## CHARACTERISTICS AND ADVANTAGES

### IEC 309 SL - QUICK ASSEMBLY AND WIRING PLUGS AND CONNECTORS

UP TO 75% SHORTER INSTALLATION TIME THANKS TO THE INSULATION PERFORATING TERMINALS AND SNAP-FIT ASSEMBLY (WITHOUT SCREWS).



Winner of the Intel Design Award 2001 for the innovation category.



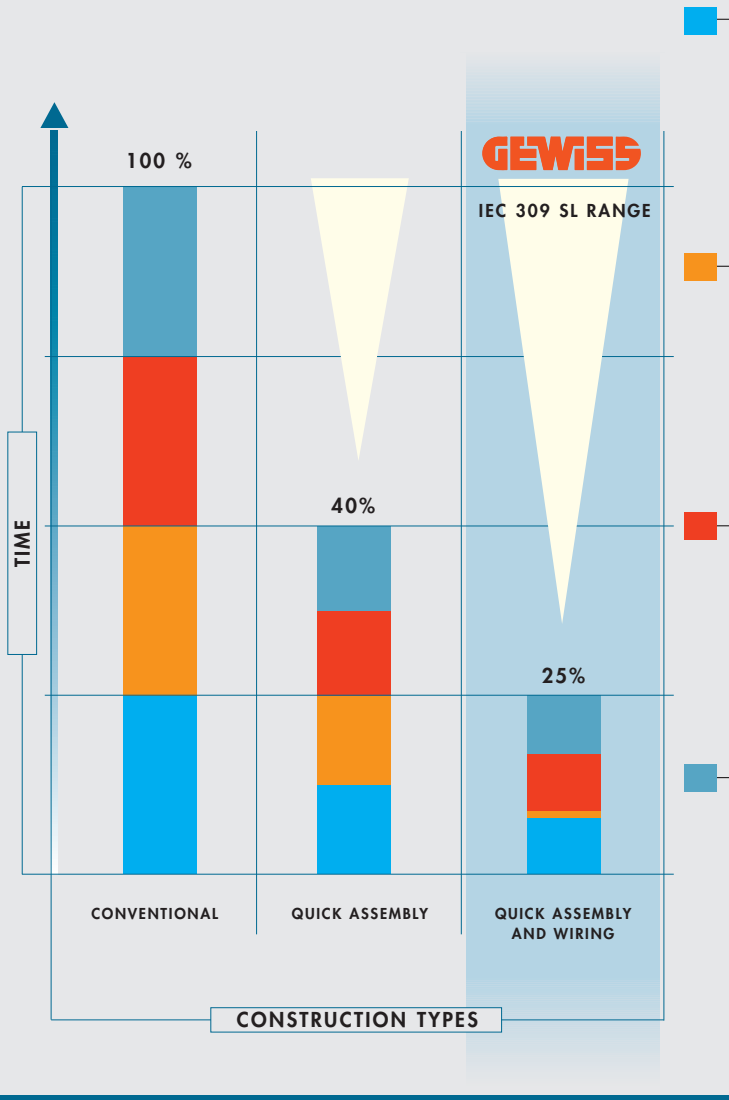
Winner of the IF Design Award 2002.



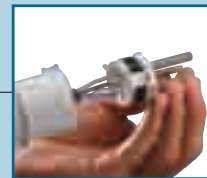
IMQ certified



#### INSTALLATION TIMES COMPARISON



**CABLE INSERTION**  
Easy and practical.



**WIRE STRIPPING**  
No longer necessary.



**WIRE CONNECTION**  
With insulation perforation.



**SOCKET/PLUG REFITTING**  
Snap-fit without screws.



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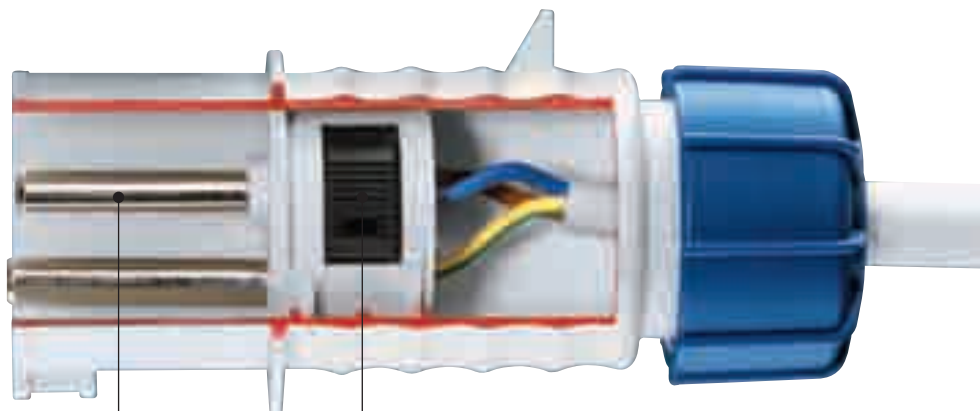
GEWISS

## CHARACTERISTICS AND ADVANTAGES



### ▲ SIMPLE AND SAFE

The revolutionary snap-fit coupling system for plugs and connectors makes assembly operations quicker and easier. The insert or connectors is released only with a tool and inside the grip, without risk of injury.



### MAXIMUM LIFE

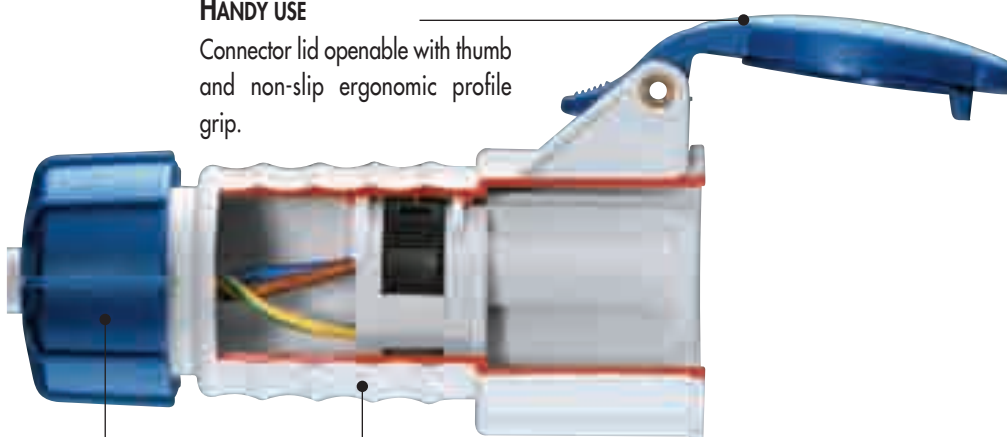
Plugs in nickel-plated glass to preserve the efficiency of the electrical contact over time.

### FAILSAFE

Assembly is guided in order to prevent errors: the electrical device can not be refitted if the individual wires are not correctly wired.

### HANDY USE

Connector lid openable with thumb and non-slip ergonomic profile grip.

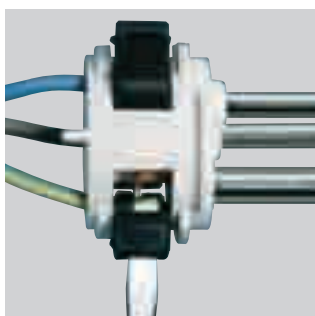


### QUICK AND PRACTICAL

The dual-function cable inlet device guarantees the degree of protection as well as hold in the presence of mechanical stress on the cable.

### MAXIMUM RELIABILITY

The single-piece grip eliminates critical joints, thus guaranteeing preservation of the protection rating.



### ◀ SAFER AND LONGER LASTING CONNECTIONS

The terminals are with insulation perforation and anti-loosening. Special exclusive sliders guide perforation of the insulation guaranteeing total independence from clamping capacities. The special design of the terminal ensures the quality of connection even in the presence of vibration.



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