

## CHARACTERISTICS AND ADVANTAGES

### TRADITION AND INNOVATION

The 66/67 IB range comprises three different product lines to fully and effectively meet all power supply needs with interlock, from 16 to 125A and protection rating from IP44 to IP66. Each product line is specifically designed to best meet the typical requirements of the specific application.

#### STANDARD SOCKETS

Thanks to their versatility, the standard type sockets are the ideal solution for installation in an industrial plant situation and in special systems (building sites, tourist harbours, campsites, etc.).

#### SOCKETS FOR HEAVY-DUTY USE

For their construction-performance characteristics and considerable versatility they best meet installation needs in heavy industry.



66/67 IB RANGE

#### COMBIBLOC COMPACT SOCKETS


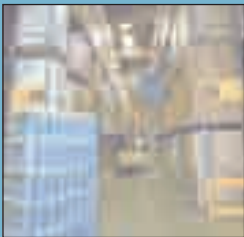
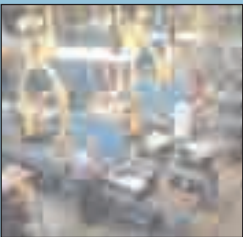








Particularly recommended in the commercial sector, where compactness and careful styling to perfectly match the setting and easy use are required.

# 66/67 IB RANGE

INTERLOCKED SOCKET-OUTLETS TO IEC 309 STANDARDS



## CHARACTERISTICS AND ADVANTAGES

	COMMERCIAL	ADVANCED COMMERCIAL	INDUSTRIAL	HEAVY INDUSTRIAL
	 <p>Installation in covered areas protected against atmospheric agents with aesthetic/functional and performance requirements</p>	 <p>Installation in open areas or those exposed to water.</p>	 <p>Installation in heavily polluted areas, exposed to aggressive agents and sprays of water.</p>	 <p>Installation in areas exposed to aggressive chemical agents, oil, grease, and frequent, intense jets of water and accidental knocks .</p>
 <b>Compact IP 44</b>				
 <b>Compact IP 55</b>				
 <b>Horizontal IP 44</b>				
 <b>Horizontal with fuses IP 44</b>				
 <b>Vertical IP 55</b>				
 <b>Vertical with fuses IP 55</b>				
 <b>For heavy-duty use IP 66</b>				

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## CHARACTERISTICS AND ADVANTAGES

### 66 COMBIBLOC - COMPACT SOCKET-OUTLETS

Up to 30% reduction in overall occupied space thanks the compact size.

#### COMPACTNESS

COMBIBLOC sockets, compliant with EN 60309 Standard, set a new and extremely compact dimensional benchmark.



#### DESIGN

The advanced and functional design offers optimal usage in all commercial and industrial applications.

#### RATIONALITY







The same plate dimensions for the IP44 protected and the IP55 watertight versions.

#### DURABILITY

Sockets in thermoplastic material with high chemical, mechanical and heat resistance. Particularly suitable for environments where water, dust and chemical substances are found and where there is a risk of accidental impacts and exposure to UV rays.

#### INSTALLATION VERSATILITY

The 66 COMBIBLOC enclosure range enables surface-mounting of the sockets, using watertight boards or back-mounting and flush-mounting boxes on rectangular boxes for the modular range and on 48 PT range boxes. The modularity of the watertight boards also enables single or group installation.

SURFACE-MOUNTING		PANEL	PILLAR	FLUSH-MOUNTING	
					
On small board on single or group installation	On back-mounting box	On panel (IP 40)	On pillar (IP 40)	On rectangular boxes for the modular range	On 48 PT range junction boxes

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### PADLOCKABLE

Padlock closure provided by the GW 40 422 lock fitted directly on the lever.



### INNOVATION

The longitudinal operation of the circuit breaker is easier and safer even in case of frequent use.



### RELIABILITY

Feed for heavy-duty requirements is provided by the circuit breaker suitable for AC22A, AC23A and AC3A usage categories, with 10kA to 400 V conditioned short-circuit current.

### SYNERGY

Total synergy between COMBIBLOC range sockets and enclosures and the 90 range compact automatic circuit breakers, enabling the creation of many combinations for system control, protection and management.

### PREARRANGED CONSTRUCTION SYSTEM

COMBIBLOC sockets are part of the GEWISS Prearranged Construction System which allows the installer to execute over 200 distribution board configurations with one, two or three sockets and to certify them as ASD or ASC.



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## CHARACTERISTICS AND ADVANTAGES

### 66/67 IB - STANDARD SOCKETS

#### RANGE BREADTH






The range offers many alternatives. 16 to 63A interlocked switched socket-outlets are available with or without fuses in the IP44 and IP55 versions, with polarities, voltages and nominal frequencies suitable for operation in all systems up to 500V.



66/67 IB RANGE

#### INSTALLATION VERSATILITY

Thanks to the availability of many types of complementary items for installation, various application solutions are possible for the IP44 horizontal sockets and IP55 vertical sockets.

SURFACE-MOUNTING		FLUSH-MOUNTING	WALL-MOUNTING/ SURFACE-MOUNTING	PILLAR
				
On back-mounting box	On modular base (1 to 3 gangs)	On box with frame	On Q-DIN small distribution board	On floor-standing pillar

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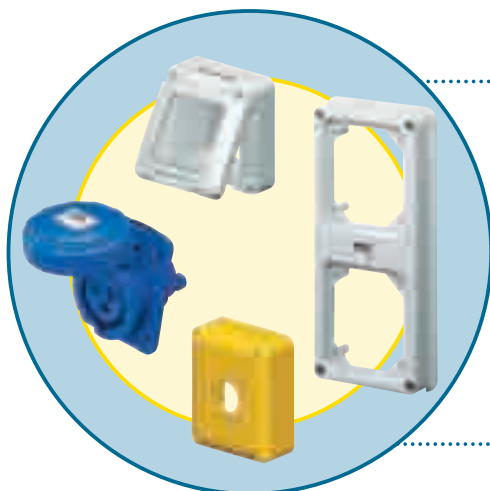
The 66/67 IB interlocked switched socket-outlet system is the hub of the GEWISS industrial type power distribution and supply system. All terminal distribution boards (68 Q-DIN), building site distribution systems (68 Q-BOX/Q-DIN) and ground systems of power and services distribution (68 Q-MC) internally integrate them to meet many configurations.



### A COMPREHENSIVE SYSTEM

#### MULTIFUNCTIONALITY

Specific plates dimensionally compatible with the sockets and also enabling installation of industrial and residential sockets with cover 85x75 mm.



SURFACE-MOUNTING

MOUNTING ON Q-DIN

FLUSH-MOUNTING



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### 66 IB - SOCKET-OUTLETS FOR HEAVY DUTY USE

#### IP 66 PROTECTION RATING

Enables installation in very dusty environments or environment subject to vigorous cleaning or sea surges.



#### HIGH IMPACT RESISTANCE (>IK10)

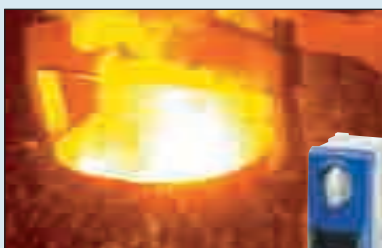
Enables installation in environments subject to heavy accidental impacts.

#### HIGH RESISTANCE TO THE ACTION OF CHEMICAL AND ATMOSPHERIC AGENTS AND UV RAYS

Thanks to the use of special technopolymers, the product's high technical performance and safety characteristics are maintained over time.

66/67 IB RANGE

#### INSTALLATION SOLUTIONS



##### HEAVY INDUSTRY

Installation in environments with possibility of accidental impacts and subject to extreme work conditions.



##### OUTDOOR SYSTEMS

Installation in environments subject to frequent jets of water and high pollution. High resistance to UV rays and high saline concentrations.



##### PETROCHEMICAL INDUSTRY

Installation in places with presence of aggressive chemical agents, cutting oils and grease.



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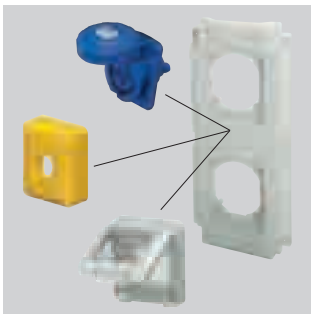
### ▲ MAINTENANCE

The spring cover stays in the open position, thus facilitating normal maintenance operations.



### ▲ SIMPLIFIED INSTALLATION AND WIRING

The coupling system enables quick and easy socket-outlet wiring.



### ◀ FLANGED COVER

By fitting the GW 66 707 flanged cover it is possible to create combinations with non-interlocked sockets up to 32A, push-buttons, indicators and residential sockets.

### ▲ MODULAR BASES

The modular bases, available in 4 sizes, allow the execution of a wide range of socket combinations.



### TOP COMPARTMENT

The ample inside space enables easy wiring even when components for DIN rail are used.

### HIGH PERFORMANCE ROTARY SWITCH

Suitable for AC 22 - AC 3 application categories, with knob padlockable in open and closed position.

### VERSIONS WITH EN 50022 RAIL FOR MODULAR DEVICES (UP TO 6 MODULES)

The spacious compartment for housing protection devices allows the installation of large modular devices.

### TRANSPARENT WINDOW

It allows the duty status of the protection devices to be monitored.

### PANEL WITHOUT WINDOW FOR EN 50022 RAIL

It facilitates the insertion of modular devices and allows the monitoring of their function.



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