

GARO

INDUSTRIAL PLUGS & SOCKETS



MADE IN EU MADE IN EUROPE

CE CE CERTIFIED

 WEATHER PROOF

 STRONG & DURABLE

CONTENTS



1

DIRECTIVES & STANDARDS

2

KEY FEATURES & CONSIDERATIONS

4

IEC 'CLOCK'

5

PLUGTOPS, TRAILING SOCKETS & WALL SOCKETS

6

FASTFINDER POPULAR PRODUCTS

7

INTERLOCKED COMBINATION UNITS

8

ENTERTAINMENT RANGE

DIRECTIVES & STANDARDS



GARO CEE Plugs & Sockets for the connection and disconnection of power applications in a variety of Environments, Industrial settings, construction sites, data centres, camping, containers, entertainment venues and beyond. GARO offers a complete solution of Industrial CEE, comprising of Plugs, Sockets, Wall Sockets, Wall Inlets, Connection Outlets and Interlocked Solutions, in both IP44 & IP67 protection ratings. Angled Plugs, Phase Inverters, Panel Mounted Solutions and Combination Units are also available.

GARO IEC/CEE connectors are tested and certified under the international standard IEC 60 309, which has been developed in the IEC standardisation organisation (International Electro technical Commission). This worldwide standard is systematically applied to all GARO products. The use of this standard eliminates the possibility of incorrect connections, Regardless of the circumstances.

STANDARDS



- ✓ IEC 60 309-2
- ✓ IEC 60 309-1
- ✓ SS EN 60309-1
- ✓ SS EN 60309-2
- ✓ CEE17
- ✓ SEMKO 117
- ✓ VDE 0623, BS 4343
- ✓ EN 50 250

KEY FEATURES & CONSIDERATIONS



KEY FEATURES OF PLUGS AND SOCKETS

- European Manufactured, High Quality & CE Certified
- Extremely Durable & Robust
- Easy-Fit & Time Saving
- Reliable Connectors with Extensive Warranties
- Significantly Competitive Pricing
- Comprehensive Range of IP44 & IP67 Solutions
- Ample Stock Availability

IP44

Splashproof

IP67

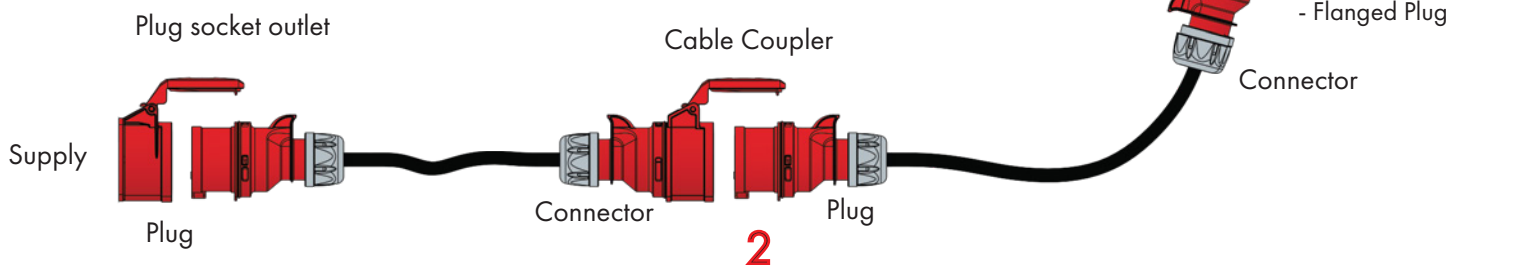
Waterproof

- Yellow 110 Volt
- Blue 220 Volt
- Red 380 Volt

USE OF ACCESSORIES

- Socket Outlet
- Flanged Socket
- Wall Mounted Socket

- Appliance Coupler
- Appliance in let
- Wall mounted Plug
- Flanged Plug





CONTACTS

- Zinc alloy contacts
- High corrosive resistance
- Nickel plated contacts
- High conductive capacity

TEMPERATURE RESISTANCE

A temperature resistance of -25°C to +80°C (100°C for 1 hour).

MATERIAL QUALITIES

GARO Plugs and Sockets are produced from POLYAMIDE 6 and PC/ABS.

- Excellent impact resistance combined with high rigidity and solidity
- High thermal stability (self-extinguishing)
- Excellent insulating qualities
- High disruptive strength
- High abrasion resistance
- High weathering resistance
- UV-resistance according ISO 4892-2
- Excellent chemical resistance
- Free from cadmium and halogen (fluorine, chlorine, bromine, iodine, astatine)
- Conform to RoHS-directive 2011/65/EU

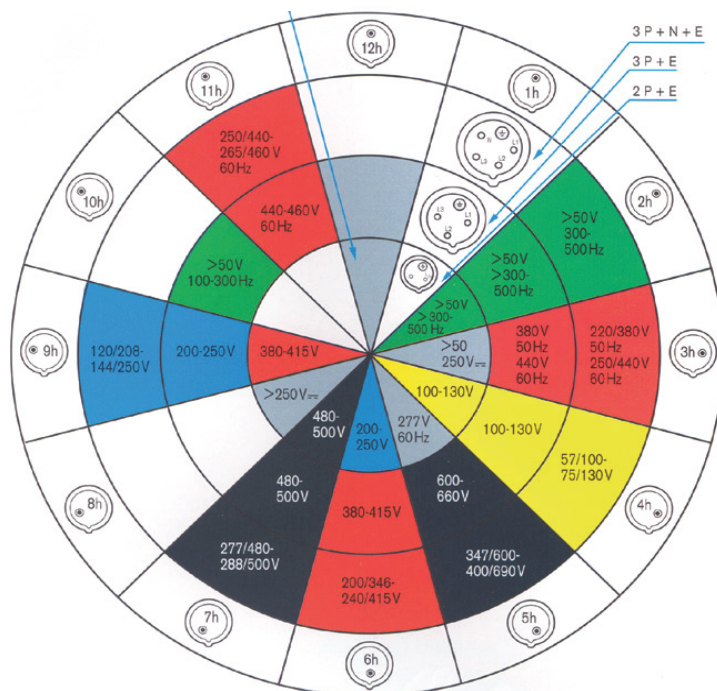
IEC 60309-2 CLOCK



HOW THE IEC 60309-2 CLOCK WORKS?



The standardised products are colour-coded according to a clock face, where the clock positions (1 to 12) correspond to the earth socket position in the socket, viewed from the front, with the locating groove always at the 6 o'clock position. Each position corresponds to a voltage and frequency value of each 2, 3 and 4 pole socket with rated currents of 16A, 32A, 63A and 125A and voltages of >50V to 690V.



PLUGTOPS, TRAILING SOCKETS & WALL SOCKETS



PLUGTOPS, TRAILING SOCKETS & WALL SOCKETS

Splash proof & Waterproof design 

Plugtops are available in IP44 & IP67. They are strong and durable and CE certified. Plugtops can be used in various applications. GARO sockets can be used for wall and machine mounting with cable connection from top & back.

Applications:

Building & Construction sites



IP 44 Uses

Used for connecting power tools and allowing for safe connection at 110V in a splash proof environment.

IP 67 Uses

For areas which are freezing, wet environments with the potential for heavy amounts of dust. Typically outdoor environments.

Water Treatment Plants



Used for safe connection of machines and tools inside a work shop for repairs.

Typically used in areas with the potential for flooding and out door use for temporary or permanent power connections.

Food Industry



Indoor use for the connection of machines which are not involved in a full wash down process. Freezers and storage units would be used for the IP44 range.

In areas that will be included in the wash down process of the factory. These areas require full cleaning and must have all power connectors covered by IP67 ingress protection.

POPULAR PRODUCTS FASTFINDER

Plugtops IP44

Item	Pins	Poles	Operating Voltage V	Frequency Hz	Clock Pos	Current Rating	Package size
P216-4S	3	2p + E	110	50	4	16	10
P216-6S	3	2p + E	230	50	6	16	10
P232-4S	3	2p + E	110	50	4	32	10
P232-6S	3	2p + E	230	50	6	32	10
P416-6S	5	3p + N	400	50	6	16	10
P432-6S	5	3p + N + E	400	50	6	32	10



P216 - 6S

Trailing Sockets

S216-4S	3	2p + E	110	50	4	16	10
S216-6S	3	2p + E	230	50	6	16	10
S232-4S	3	2p + E	110	50	4	32	10
S232-6S	3	2p + E	230	50	6	32	10
S416-6S	5	3p + N + E	400	50	6	16	10
S432-6S	5	3p + N + E	400	50	6	32	10



S 216-4S

Wall Sockets

UI216-4S-RU	3	2p + E	110	50	4	16	10
UI216-6S-RU	3	2p + E	230	50	6	16	10
UI232-4S-RU	3	2p + E	110	50	4	32	10
UI232-6S-RU	3	2p + E	230	50	6	32	10
UI416-6S-RU	5	3p + N + E	400	50	6	16	10
UI432-6S-RU	5	3p + N + E	400	50	6	32	10



UI 232-6 S-RU

Plugs Tops IP67

Item	Pins	Poles	Operating Voltage V	Frequency Hz	Clock Pos	Current Rating	Package size
PV216-4S	3	2p + E	110	50	4	16	10
PV216-6S	3	2p + E	230	50	6	16	10
PV232-4S	3	2p + E	110	50	4	32	10
PV232-6S	3	2p + E	230	50	6	32	10
PV416-6S	5	3p + N + E	400	50	6	16	10
PV432-6S	5	3p + N + E	400	50	6	32	10



Trailing Sockets

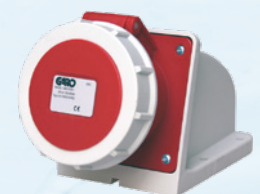
SV216-4S	3	2p + E	110	50	4	16	10
SV216-6S	3	2p + E	230	50	6	16	10
SV232-4S	3	2p + E	110	50	4	32	10
SV232-6S	3	2p + E	230	50	6	32	10
SV416-6S	5	3p + N + E	400	50	6	16	10
SV432-6S	5	3p + N + E	400	50	6	32	10



SV 316-6S

Wall Sockets

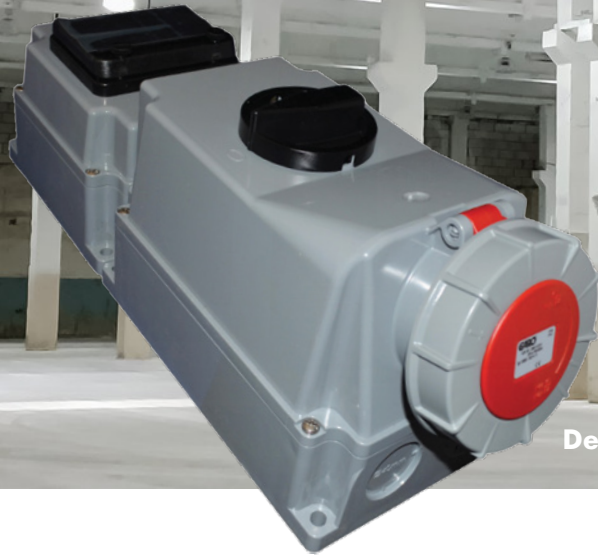
UIV216-4S-RU	3	2p + E	110	50	4	16	5
UIV216-6S-RU	3	2p + E	230	50	6	16	5
UIV232-4S-RU	3	2p + E	110	50	4	32	5
UIV232-6S-RU	3	2p + E	230	50	6	32	5
UIV416-6S-RU	5	3p + N + E	400	50	6	16	5
UIV432-6S-RU	5	3p + N + E	400	50	6	32	5



UIV 316-6S - RU

*FULL TRADE PRICE LIST AVAILABLE AT WWW.GARO.CO.UK & WWW.GARO.IE

INTERLOCKED COMBINATION UNITS



Degree of Protection Available

IP44

IP67

INTERLOCKED COMBINATION UNITS

Splash proof & Waterproof design 

A competitively priced, watertight and durable Interlocked unit, featuring a Mechanical Interlock socket which is fully compliant with 18th edition regulations & IS:10101.

GARO Interlocked sockets for installations indoor and outdoors

- Cable connection possible from top & bottom
- Available in 16A, 32A, 63A & 125A with Mechanical Interlock
- Available in 16A, 32A, & 63A with RCCB Protection and Mechanical Interlock
- Compact design
- Small dimensions - space saving storage
- All components are mounted on top
- Lockable by padlock in OFF position
- Mechanical interlock: after plugging and switching ON, the plug is locked. After switching OFF and unplugging, the switch is locked.
- Suitable for camping and caravan applications

ENTERTAINMENT RANGE



Degree of Protection Available

IP44

IP67

ENTERTAINMENT RANGE PLUGS & TRAILING SOCKET

GARO PRO Entertainment range is top quality and invisible. These Plugs and couplers are ideally suited to the entertainment industry and used for applications such as the film studios, concerts , outdoor events. These type of events require power connectors not to be seen by the naked eye, the black plugs and connectors blend into the dark surroundings to meet this requirements

- Available in IP44 & IP67 from Plugs and Trailing Sockets 16A & 32A
- Watertight Plugs & Trailing Sockets 63A & 125A
- Compact design
- Sleek design to be 'hidden'

Connectable cable size:

16A: 1-2,5 mm²

32A: 2,5-6 mm²

At GARO we work with a diverse range of customers to fulfill a range of requirements from basic installations to complex large scale projects. Our range of experience allows us to successfully service a wide range of Industrial sectors.





MANUFACTURED
IN THE EU



COMPREHENSIVE
WARRANTIES



80 YEARS
OF EXPERTISE

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