



■ CEE plugs and sockets for camp sites, mobile consumers, trailers and mobile homes

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■ Plugs and sockets for camp sites and mobile consumers

Safe and reliable in everyday use.

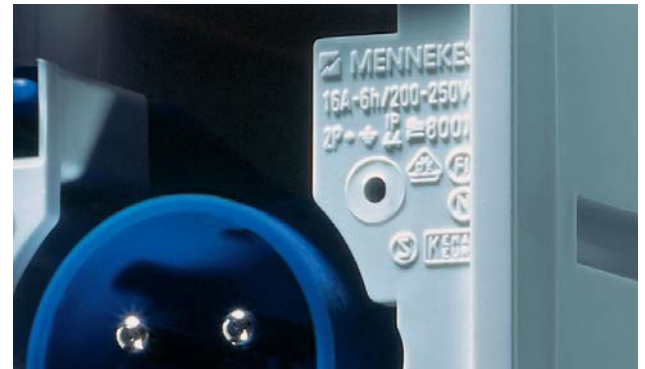


Plugs and sockets for camp sites and caravans, docksides and boats, trailers and mobile homes.

Built-in plug CaraCONTACT.

A smart concept produced by the MENNEKES development division.

The horizontal fit of the CaraCONTACT plug relieves strain on the cable and protects it from damage. Smooth insertion of lid and connector. The test label of TÜV Rheinland is testimony to its suitability for purpose. National and international test labels demonstrate electrical safety.



Example of a typical combination for camp site and dockside use: 6 receptacles, 6 over-current and 6 residual current protection devices.



Angled connector with integrated SCHUKO® receptacle for operating electrical appliances outside the caravan; e.g. external lighting, lawnmowers, radios, etc.



Panel mounted receptacle equipped with an eyelet for a padlock. Protects against unauthorised use.



Versatile applications.



MENNEKES CombiTOWER® suitable for fitting with combinations 260 x 225 mm, 390 x 225 mm, 520 x 225 mm and 650 x 225 mm.

MENNEKES CombiTOWER® is available with a bright stainless steel or a signal yellow finish.

All CombiTOWER® are fitted with two apertures which may be used for compressed air pipes or water hoses at your discretion.

CombiTOWER®
On request with lockable door.

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Stainless steel weather shields.



The modular system of weather shields and columns enables wall mounted and ground fixed installations to be combined.



For more information on material properties and recommendations, please see the product information pages in chapter 9.

■ CEE-plugs and sockets

for electrical installations

for caravans and camp sites, boats and dockside power supplies, market and fairground booths, trailers and mobile homes

Construction regulations and standards

Electrical installations on camp sites and in caravans

DIN VDE 0100 part 708:2006/02 applies to construction. This regulation applies to the power supply to parking spaces allotted in camp sites and the connection of caravans.

For the power supply to each parking space at least one receptacle with an earth contact conforming to EN 60309 must be installed. The rated current of the receptacle must be at least 16A.

For a 230V, 16A AC power supply a 230V, 16A, 2p+E receptacle conforming to EN 60309-2:1999, standard sheet 2-I must be used.

The point of origin of the power supply to the caravan place must not be more than 20 m away. The receptacles at the point of origin must be provided at a height of 0.5 to 1.5 m. Each receptacle must have its own overcurrent protection device. The receptacles must be protected separately by residual current protection devices with a rated residual current that must not exceed 30 mA.

Extension cables must be fitted with earthed connectors and plugs conforming to EN 60309-2. The extension cable must conform to type H07RN-F3 G2.5 and must be no more than 25m in length.

Electrical connection for caravans

DIN VDE 0100 part 754:2006-02 applies to construction. This regulation applies to the connection of caravans.

Connections for caravans must be made with an earthed inlet conforming to EN 60309. The connection point must be on the outside of the caravan and must be covered by a lid. The rated inlet current must be at least 16A. For a 230V, 16A AC power supply, a 230V, 16A, 2p+E inlet conforming to EN 60309-2:1999, standard sheet 2-II must be used.

Plugs and sockets on caravans must comply with protection class IP 55 due to special conditions or must be accommodated in such a manner that this rating is achieved.

Electrical installations for boats, yachts and dockside power supply (marinas)

DIN VDE 0100 part 721/1984-04 applies to construction. For each berth an earthed receptacle conforming to EN 60309-2:1992, standard sheet 2-I, must be provided: 230V, 16A, 2p+E, IP X4.

The point of origin of the power supply to the berths must not be more than 20 m away. The receptacles of the point of origin must be provided at a min. height of 1.0 m if they are accommodated on floating equipment or on moles. Each receptacle must be fused with its own overcurrent protection device of max. 16A. Each group of receptacles must be protected by a residual current protection device with a rated residual current that must not exceed 30 mA. One residual current protection device must not serve more than six receptacles.

Extension cables must be fitted with earthed connectors and plugs conforming to EN 60309. They must be fitted with an earthed plug conforming to EN 60309-2, standard sheet 2-II, and with an earthed connector conforming to EN 60309-2:1992, standard sheet 2-I, data as above.

The extension cable must conform to type H07RN-F3G2.5 and must be no more than 25m in length.

On-board connections must be made with an earthed inlet conforming to EN 60309. For a 230V, 16A AC power supply, a 230V, 16A, 1p+E inlet conforming to EN 60309-2:1992, standard sheet 2-II, must be used.

The plugs and sockets must conform to enclosure protection type IP X4 at the least.

Electrical installations for market and fairground booths, trailers and mobile homes

DIN VDE 0100 part 722/1984-05 applies to construction. For supply to a power circuit direct from origin, earthed receptacles conforming to EN 60309-2:1992, standard sheet 2-I, 220 to 240V, 16A, 2p+E, IP X4 are to be provided. Residual current protection devices with a rated residual current of $\leq 0.5A$ and an overcurrent protection device with a rated current of max. 16A must be installed upstream of these receptacles. If there is more than one power circuit, a distribution board fitted with plugs and sockets must be used, in accordance with EN 60439-4 (VDE 0660 part 501).

The vehicles must be fitted with inlets marked with the receptacle data, in accordance with EN 60309-2:1992, standard sheet 2-II.

Connection and extension cables must conform to type H07RN-F at the least and be fitted with an earthed plug conforming to EN 60309-2, standard sheet 2-II, and with an earthed connector conforming to EN 60309-2:1992, standard sheet 2-I, data as above.

In view of the electric power required by market or fairground booths, CEE plugs and sockets conforming to EN 60309, 380-415V, 3p+N+E, with rated currents of 32A and 63A, IP X4, may also be used (see draft VDE 0100 part 740:1998-10).