MOSER SYSTEMELEKTRIK

CAMPING-/MARINA PROGRAM

Forward-looking connection system from
a dynamic and flexible expert for supply systems.

A company of the PCE Group

PCE (M) MERZ

The MOSER columns are standard compliant.

Electrical installation on campsites has become increasingly important in recent years. Nationally and internationally valid standards and regulations are extremely important here and compliance with them is of great significance.

Excerpt of some regulations for power distributors in campsites.

- Section 7 Each socket outlet must be protected by its own residual-current device with a rated differential current $I\Delta N \leq 30$ mA. The selected device shall disconnect all active conductors including the neutral conductor.

- Section 10.1 Electrical equipment on a caravan site or camping site must either itself comply with at least protection class IP44 or be installed in an appropriate enclosure.

- Section 12.1 Industrial plugs and socket-outlets shall be used that meet the requirements of ÖVE/ÖNORM EN 60309-2. All sockets shall be at least IP44 rated or such protection shall be provided by an enclosure.

- Section 12.2 All electrical outlets shall be located as close as possible to the caravan site or tent site to be supplied. Electrical outlets shall be located in the distribution or in a separate enclosure.

- Section 12.3 To avoid hazards from long extension cords, a maximum of 4 receptacles may be combined in one enclosure.

- Section 12.5 In general, single-phase receptacles with a rated voltage up to AC 250 V and a rated current of 16 A shall be provided.

- Section 12.6 The bottom edge of each receptacle shall be located at a height between 0.5 m and 1.5 m from the floor. In special cases with extreme environmental conditions, it is permitted to exceed the maximum height of 1.5 m. In these cases, special measures must be taken to ensure that plugging and unplugging is safe.

MS10 Camping-/Marina column

This column represents both: a cost effective and at the same time an elegant solution for power supply on camping sites. Due to its timeless and slim design, it fits perfectly into almost any outdoor area. It is suitable for holding one to four power outlets. The column is used if the sub-distribution is already available on site.

Technical data

- Dimensions profile cross-section: 100x50mm (WxD)
- Dimensions height: variable
- Color: silver, anthracite
- Material: Aluminum, anodized E6/EV1
- Ingress protection: IP44
- Protection class: I

Structure of the column

- Closed aluminum profile
- Upper end cover
- Base plate for mounting on every solid underground
- incl. mounting material
- incl. equipotential bonding

Sockets

The installed CEE sockets have an eyelet, in which a padlock can be attached if required.

Options

- Height according to customer requirements
- Also available as empty column
- Customized versions on request
- Available in RAL oder DB colors on request

Component parts

- Ground element
  for use on unpaved ground
  with cable inlet (installation depth 500mm)

- Item no. MB10050020

MS10 Camping-/Marina columns

Item no. MB50807115

Dimensions:	100x50x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V
Max. back-up fuse:	16A (with RCD 0,03A on-site)
Power supply terminals:	2x3x4qmm
Weight:	approx. 2,6kg

Item no. MB50807115C

Dimensions:	100x50x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V
Max. back-up fuse:	16A (with RCD 0,03A on-site)
Power supply terminals:	2x3x4qmm
Weight:	approx. 2,6kg

Item no. MB51007116

Dimensions:	100x50x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V
Max. back-up fuse:	16A (with RCD 0,03A on-site)
Power supply terminals:	2x3x4qmm
Weight:	approx. 3kg

Item no. MB51007116C

Dimensions:	100x50x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V
Max. back-up fuse:	16A (with RCD 0,03A on-site)
Power supply terminals:	2x3x4qmm
Weight:	approx. 3kg

- Picture shows the column, height 1000mm

MS18 Camping-/Marina column

The timeless and attractive design of the column contributes to a positive appearance at any campsite and docks. Due to the possibility to equip the columns with light components, a jetty lighting can be realized at the same time - this invites to pleasant evening walks on the jetties at dusk.

Technical data

- Dimensions profile cross-section: 180x100mm (WxD)
- Dimensions height: variable
- Color: silver
- Material: Aluminum, anodized E6/EV1
- Ingress protection: IP44
- Protection class: I

Structure of the column

- Closed aluminum profile
- Upper end cover
- Base plate for mounting on every solid underground
- incl. mounting material
- incl. equipotential bonding

Sockets

The installed CEE sockets have an eyelet, in which a padlock can be attached if required.

Options

- LED orientation or mounting light (starting on page 12)
- Height according to customer requirements
- Distribution modules
- Also available as empty column
- Customized versions on request
- Available in RAL oder DB colors on request

Component parts

- Ground element
  for use on unpaved ground
  with cable inlet (installation depth 500mm)

- Item no. MD10100004

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MS18 Camping-/Marina columns - without light module

Item no. MD60806001

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 8kg

Item no. MD61006002

Dimensions:	180x100x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 10kg

Item no. MD60806003

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 8kg

Item no. MD61006004

Dimensions:	180x100x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 10kg

MS18 Camping-/Marina columns - without light module

Item no. MD60806005

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 9kg

Item no. MD61206006

Dimensions:	180x100x1200mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 12kg

Item no. MD60806007

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 9kg

Item no. MD61206008

Dimensions:	180x100x1200mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 12kg

The columns offer the possibility of mounting a light module.
Thus, the supply of electricity and water connections and jetty lighting
can be realized at the same time. We offer the following two variants:

LED Orientation light

- High quality end cover
  made of anodized aluminum
- With inserted LED light strip,
  water resistant shed
- LED driver 24V
- Light color: Daylight white ~6.300K
- pre-wired on supply terminal 2x2,5qmm

LED Mounting light

- High quality end cover
  made of anodized aluminum
- Acrylic glass cylinder,
  shining on four sides
- Lamp holder E27
- Light source: LED bulb 9W
- Light color: Daylight white ~6.000K
- pre-wired on supply terminal 3x2,5qmm

▪ Picture shows the column with LED orientation light, height 800mm

MS18 Camping-/Marina columns - with LED Orientation light

Item no. MD70806009

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 9kg

Item no. MD71006010

Dimensions:	180x100x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 11kg

Item no. MD70806011

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 9kg

Item no. MD71006012

Dimensions:	180x100x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 11kg

MS18 Camping-/Marina columns - with LED Orientation light

Item no. MD70806013

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 10kg

Item no. MD71206014

Dimensions:	180x100x1200mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 13kg

Item no. MD70806015

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 10kg

Item no. MD71206016

Dimensions:	180x100x1200mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 13kg

MS18 Camping-/Marina columns - with LED Mounting light

Item no. MD80806017

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 10kg

Item no. MD81106018

Dimensions:	180x100x1100mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 12kg

Item no. MD80806019

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 10kg

Item no. MD81106020

Dimensions:	180x100x1100mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 12kg

MS18 Camping-/Marina columns - with LED Mounting light

Item no. MD80806021

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 11kg

Item no. MD81306022

Dimensions:	180x100x1300mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 14kg

Item no. MD80806023

Dimensions:	180x100x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 11kg

Item no. MD81306024

Dimensions:	180x100x1300mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 14kg

MS18 Camping-/Marina column with door

The timeless and attractive design of the column contributes to a positive appearance at any campsite and docks. Due to the possibility to equip the columns with energy and water connection, a jetty lighting can be realized at the same time - this invites to pleasant evening walks on the jetties at dusk. It provides the right amount of security and excludes use by unauthorized persons.

■ Picture shows the column construction according to customer's request, closability of the door during operation is not guaranteed

Technical data

- Dimensions profile cross-section: 180x205mm (WxD)
- Dimensions height: variable, max. 1600mm
- Color: silver
- Material: Aluminum, anodized E6/EV1
- Ingress protection: IP44
- Protection class: I

Structure of the column

- Closed aluminum profile
- Lockable door
- Upper end cover
- Base plate for mounting on every solid underground
- incl. mounting material
- incl. equipotential bonding

Sockets

The installed CEE sockets have an wall-mounted
design. The door can be closed
even during operation.

Options

- LED light module (starting on page 22)
- Height according to customer requirements
- Distribution modules
- Also available as empty column
- Customized versions on request
- Available in RAL oder DB colors on request

Component parts

- Ground element
  for use on unpaved ground
    with cable inlet (installation depth 500mm)

- Item no. MD10100005

MS18 Camping-/Marina columns with door - without light module

Item no. MDH1006101

Dimensions:	180x205x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 14kg

Item no. MDH1406102

Dimensions:	180x205x1400mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 21kg

Item no. MDH1006103

Dimensions:	180x205x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 14kg

Item no. MDH1406104

Dimensions:	180x205x1400mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 21kg

■ Picture shows the column with LED light module, height 1200mm

Light modules

The columns offer the possibility of mounting a light module.
Thus, the supply of electricity and water connections and jetty lighting
can be realized at the same time. We offer the following two variants:

LED light module

- High quality end cover
  made of anodized aluminum
- Acrylic frosted glass cylinder,
  shining on four sides
- Lamp holder E14
- Light source: LED bulb 9W
- Light color: Daylight white ~6.000K
- pre-wired on supply terminal 3x2,5qmm

MS18 Camping-/Marina columns with door and light module

Item no. MDH1106205

Dimensions:	180x205x1100mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V IP44 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED light module (clamps 3x2,5qmm)
Weight:	approx. 15kg

Item no. MDH1506206

Dimensions:	180x205x1500mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V IP44 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED light module (clamps 3x2,5qmm)
Weight:	approx. 22kg

Item no. MDH1106207

Dimensions:	180x205x1100mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V IP44 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED light module (clamps 3x2,5qmm)
Weight:	approx. 15kg

Item no. MDH1506208

Dimensions:	180x205x1500mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	2 x CEE 16A 3P 230V IP44 2 x Single phase energy meter 2 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Light module:	LED light module (clamps 3x2,5qmm)
Weight:	approx. 22kg

MS290 Camping-/Marina column

Large and elegant - the column type MS290. It is a visual as well as
a practical enrichment for each campsite and port facility. Due to the
possibility to equip the columns with energy and water connections, a jetty lighting
can be realized at the same time - this invites to pleasant evening
walks on the jetties at dusk. It provides the right amount of of security
and excludes use by unauthorized persons.

Technical data

- Dimensions profile cross-section: 290x314mm (WxD)
- Dimension height: variable
- Color: silver, anthracite
- Material: Aluminum, anodized E6/EV1
- Ingress protection: IP44
- Protection class: I

Structure of the column

- Side panels
- Mounting plate and back cover
- lockable door with bar lock, incl. sash lock
- Upper end cover
- Base plate for mounting on every solid underground
- incl. mounting material
- incl. equipotential bonding

Sockets

The installed CEE sockets have an angled design.
The door can be closed
even during operation.

Options

- Light module
- Height according to customer requirements
- Distribution modules for in-line units
- Also available as empty column
- Customized versions on request
- Available in RAL oder DB colors on request

Component parts

- **Ground element**
  for use on unpaved ground
  with cable inlet (installation depth 500mm)

- Item no. MG10020001

MS290 Camping-/Marina columns - without light module

Item no. MG80807457

Dimensions:	290x314x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 16kg

Item no. MG01007571

Dimensions:	290x314x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 20kg

Item no. MG80807454

Dimensions:	290x314x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 17kg

Item no. MG01007572

Dimensions:	290x314x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 21kg

MS290 Camping-/Marina columns - without light module

Item no. MG80807457C

Dimensions:	290x314x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 16kg

Item no. MG01007571C

Dimensions:	290x314x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 20kg

Item no. MG80807454C

Dimensions:	290x314x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 17kg

Item no. MG01007572C

Dimensions:	290x314x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Weight:	approx. 21kg

The columns offer the possibility of mounting a light module.
Thus, the supply of electricity and water connections and jetty lighting
can be realized at the same time. We offer the following two variants:

LED Orientation light

- High quality end cover
  made of anodized aluminum
- With inserted LED light strip,
  water resistant shed
- LED driver 24V
- Light color: Daylight white ~6.300K
- pre-wired on supply terminal 2x2,5qmm

LED Mounting light

- High quality end cover
  made of anodized aluminum
- Acrylic frosted glass cylinder,
  shining on four sides
- Lamp holder E14
- Light source: LED bulb 9W
- Light color: Daylight white ~6.000K
- pre-wired on supply terminal 3x2,5qmm

MS290 Camping-/Marina columns - with LED Orientation light

Item no. MG80805457

Dimensions:	290x314x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 17kg

Item no. MG01005571

Dimensions:	290x314x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 21kg

Item no. MG80805454

Dimensions:	290x314x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 18kg

Item no. MG01005572

Dimensions:	290x314x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 22kg

MS290 Camping-/Marina columns - with LED Orientation light

Item no. MG80805457C

Dimensions:	290x314x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 17kg

Item no. MG01005571C

Dimensions:	290x314x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 21kg

Item no. MG80805454C

Dimensions:	290x314x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 18kg

Item no. MG01005572C

Dimensions:	290x314x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Orientation light (clamps 2x2,5qmm)
Weight:	approx. 22kg

MS290 Camping-/Marina columns - with LED mounting light

Item no. MG80806457

Dimensions:	290x314x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 21kg

Item no. MG01006571

Dimensions:	290x314x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 25kg

Item no. MG80806454

Dimensions:	290x314x800mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 22kg

Item no. MG01006572

Dimensions:	290x314x1000mm (WxDxH)
Color:	silver
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 26kg

MS290 Camping-/Marina columns - with LED mounting light

Item no. MG80806457C

Dimensions:	290x314x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 21kg

Item no. MG01006571C

Dimensions:	290x314x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 25kg

Item no. MG80806454C

Dimensions:	290x314x800mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 22kg

Item no. MG01006572C

Dimensions:	290x314x1000mm (WxDxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 1/2"
Max. back-up fuse:	32A
Power supply terminals:	5x16qmm
Light module:	LED Mounting light (clamps 3x2,5qmm)
Weight:	approx. 26kg

Energy bollards

The bollard is a visually appealing energy supply-unit and serves as drive-through and road securing at the same time. Through the elegant design blends it nearly perfectly into every area and braves due to its robust type of design external impacts of any kind.

Technical data

- Dimensions: Ø 330mm und Ø 450mm
- Dimensions height: variable
- Color: anthracite
- Material: V2A stainless steel (1.4301)
- Ingress protection: IP44
- Protection class: I

Structure of the bollard

- Housing made of stainless steel
- Ground anchoring with flange plate
- Wall distribution box
- Lockable door with a profile half cylinder
  with 3 keys
- Cable outlet for locking the door
  during operation

Sockets

The installed CEE sockets have an angled
design. The door can be closed even
during operation.

Options

- Drinking water connection
  with pipe heating
- Pneumatic unit
- Heights: 650, 850, 1050, 1280, 1400, 1500mm
- Available also as empty housing
- Version made of V4A stainless steel
- Customized versions on request

Component parts

- Ground element
  for use on unpaved ground
  with cable inlet (installation depth 900mm)
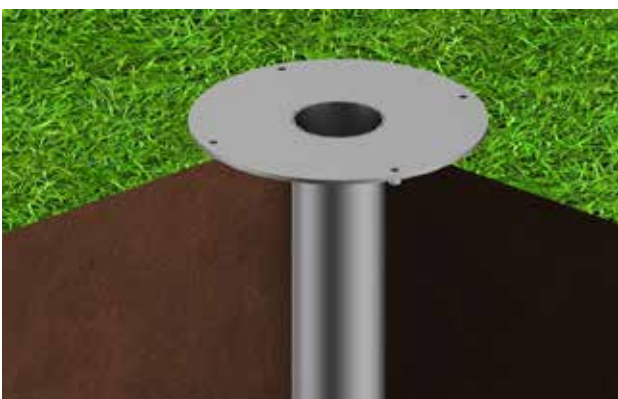
- Item no. MS62999000

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Stainless steel energy bollards

Item no. MS62350104C

Dimensions:	330x1280mm (DxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 55kg

Item no. MS62350114C

Dimensions:	330x1280mm (DxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 55kg

Stainless steel energy bollards

Item no. MS62360124C

Dimensions:	330x1400mm (DxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 3/4" incl. pipe heating
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 70kg

Item no. MS62360134C

Dimensions:	330x1400mm (DxH)
Color:	anthracite
Ingress protection:	IP44
Equipment:	4 x CEE 16A 3P 230V IP44 4 x Single phase energy meter 4 x RCBO 16A/0,03A C 1P+N 1 x Drinking water connection 3/4" incl. pipe heating
Max. back-up fuse:	32A
Power supply terminals:	5x10qmm
Weight:	approx. 70kg

Stainless steel standing distributor

For the application at ports which are located on lake- or seawater, we also offer standing distributors made of stainless steel. The equipment can be realized exactly according to your requirements and the technical possibilities.

Technical data
- Dimensions: 465x360x1610mm   (Type ESV2)
                             785x360x1610mm   (Type ESV4)
                             1085x480x1610mm   (Type ESV6)
- Material: V2A stainless steel (1.4301)
- Ingress protection: IP44
- Protection class: I

Item no. Empty housing
- Item no. Type ESV2 **MS62292002**
- Item no. Type ESV4 **MS62292004**
- Item no. Type ESV6 **MS62292006**

Structure of the distributor
- Housing made of stainless steel
- Mounting plate at the inside of the housing
- Lockable door with swing handle lock
- Upper end cover with eaves
- Mounting inside on every solid underground
- Cable outlet

Options
- Version made of V4A stainless steel
- Customized versions on request
- Available in RAL oder DB colors on request

Component parts
- Pedestal, suitable for 3 types
- Cable entry from the bottom
- Height 530mm

Item no. pedestals
- Item no. Type ESV2 **MS62999021**
- Item no. Type ESV4 **MS62999041**
- Item no. Type ESV6 **MS62999061**

Stainless steel standing column with door

As an alternative to the stainless steel stand distributors we offer smaller stand columns with moderate capacity. The design of the column depends on the required equipment. The lockable door ensures that use by unauthorized persons is excluded.

ESS-EAV2
- Item no. Empty housing
MS62302002

ESS-EAV4
- Item no. Empty housing
MS62302004

ESS-EAV6
- Item no. Empty housing
MS62302006

Technical data
- Dimensions:
  420x240x1230mm   (Type ESS-EAV2)
  300x330x1230mm   (Type ESS-EAV4)
  530x370x1230mm   (Type ESS-EAV6)
- Material: V2A stainless steel (1.4301)
- Ingress protection: IP44
- Protection class: I

Structure of the distributor
- Housing made of stainless steel, visible sides polished
- Mounting plate in the inside of the housing
- Lockable door with swing handle lock
- Rain protection cover
- Mounting on every solid underground
  incl. mounting material
- Cable outlet at the bottom side

Options
- Version made of V4A stainless steel
- Customized versions on request
- Available in RAL oder DB colors on request

MOSER CAMPING-/MARINA PROGRAM
X0011500450