

Totally Product Overview 2014



A company of the PCE-Group



Connection technology made in Germany
safe – economically feasible - competent

MS10 Garden supply tower



Equipment options of MS10

In well kept gardens and gateways electric connections should be particularly safe and elegant.

MS 10 will meet these demands and enable the installation of almost all electric functions.

Moser Anschluss Säulen sind im Außenbereich einfach und schnell zu montieren. Whether a radio, notebook, electrical barbecue, chain of lights, tree lighting or lawn mower is requested, MOSER garden supply towers provide power where you need it and can be equipped with the devices of your choice.

Because of these positive qualities, popular application areas of the garden columns are botanical gardens, private gardens, commercial horticulture, nursery gardens, parks, farms, kindergartens, playgrounds, sports fields, outdoor swimming pools, leisure parks, camping places, coach ports, cemeteries or hotel arrangements.



MS10-300s4-2S-Fp

MS10-1150s4-Ws/S-Sf

MS10 Garden supply tower - technical data



Thanks to the height of the MOSER supply tower MS10-1150, you can easily open your garage from your car using a key switch.

The door opens automatically so that you can reach your garage without being exposed to wind or weather.

Description of connection columns MS10, equipped:

MS10-300s4-2S-Fp:

2 protective contact sockets IP44, incl. 1 double frame and base plate MS10-Fp5s
Measures in mm (WxDxH): 100x50x300

MS10-500s4-2S-Fp:

2 protective contact sockets IP44, incl. 1 double frame and base plate MS10-Fp5s
Measures in mm (WxDxH): 100x50x500

MS10-1150s4-Ws/S-Sf:

1 key switch, 1 rocker switch, incl. 2 single frames and supporting flange MS10-Sf5s
Measures in mm (WxDxH): 100x50x1150



Technical data	MS10-500	MS10-1150
unequipped towers		
For the equipment:	1-sided with two standard devices in combination	1-sided with two standard devices and single frame
Measures in mm (WxDxH):	100x50x500	100x50x1150

Description garden columns unequipped	Bore-holes	Height (mm)	Protection class	Colour anodised	Article description	Order-No.
MS10-500	2	500	IP44	silver	MS10-500s4-2K/G	MB50500045
MS10-Fp5s (Base plate for mounting)					MS10-Fp5s	MB10080008
MS10-Esp (Ground spike fixture)					MS10-Esp	M501960003
MS10-Fsf/A (Moulded foundation block fixture incl. supporting flange, round footplate and underground socket)			IPX5		MS10-500-Fsf/A	MB10000005
MS10-1150	2	1150	IP44	silver	MS10-1150s4-2E/G	MB51150046
MS10-Sf5s (Supporting flange fixture)					MS10-Sf5s	MB10700014
MS10-Fsf/A (Moulded foundation block fixture incl. supporting flange, round footplate and underground socket)			IPX5		MS10-1150-Fsf/A	MB10000006
Garden columns equipped (Description equipment see above)						
MS10-300		300	IP44	silver	MS10-300s4-2S-Fp	MB70307056
MS10-500		500	IP44	silver	MS10-500s4-2S-Fp	MB70507021
MS10-1150		1150	IP44	silver	MS10-1150s4-Ws/S-Sf	MB91157055

More heights and equipment under column profiles at page 158
More mounting options see page 206

MS18 Garden supply tower



Equipment options of MS18

The MOSER supply towers give you freedom to enjoy life in your garden and areas directly outside your home. Regardless of whether you wish to work or celebrate outside, with the supply tower MS18 you can now say goodbye to those irritating and inconvenient extension cables and enjoy these hidden benefits.

The energy columns offer a comfortable water connection for your garden hose or high-pressure cleaner.

The supply towers impress with their timeless design, high quality craftsmanship, stability and functionality. The towers can be equipped with the devices of your choice.



MS18-800s4-WsS-GAL



MS18-800s4-WsS-GOL



Description of connection columns MS18, equipped:

MS18-800s4-2S/W-Fp:

2 protective contact sockets IP44, incl. 2 double frames, water connection 1/2" and base plate MS18-Fp5s
Measures in mm (WxDxH): 180x100x800

MS18-800s4-Ws/S-GOL:

Incl. orientation light with LED strip-light and transformer, 1 rocker switch, 1 protective contact socket IP44, incl. 2 single frames and base plate MS18-Fp5s
Measures in mm (WxDxH): 180x100x800

MS18-800s4-Ws/S-GAL:

Incl. mounted light, 1 rocker switch, 1 protective contact sockets IP44, incl. 2 single frames and base plate MS18-Fp5s
Measures in mm (WxDxH): 180x100x800



Technical data	MS18-800	MS18-GAL	MS18-GOL/Cover
Equipment: with 2 sockets for all common standard devices	Delivered with a 1/2" water connection.	Optional with water connection 1/2". Incl. mounted light	The standard columns MS18 can be retrofitted with an LED cover.
Measures in mm (W x D x H):	180x100x800	180x100xh	180x100xh
Hole pattern	13 for cavity walls with standard device equipment (switches,...)		

Description garden columns unequipped	Bore-holes	Height (mm)	protection class	Colour anodised	Article description	Order-No.
MS18 Garden supply tower:						
MS18-800 incl. water connection/without mounting set	2	800	IP X5	silver	MS18-800s5-2E/W/G	MD50800148
MS18-Moulded foundation block with pressure die casting box out of aluminium					MS18-Fsf/A	MD10000001
MS18-base plate			IPX5	silver	MS18-Fp5s	MD10100002
MS18 with mounted light , incl. base plate:						
MS18-500	2	500	IP 44	silver	MS18-500s4-2K-GAL	MD80500149
MS18-800	2	800	IP 44	silver	MS18-800s4-2K-GAL	MD80800150
MS18-1150	2	1150	IP 44	silver	MS18-1150s4-2K-GAL	MD81150151
MS18-1400	2	1400	IP 44	silver	MS18-1400s4-2K-GAL	MD81400152
MS18 with orientation light , incl. base plate:						
MS18-500	2	500	IP 44	silver	MS18-500s4-2K-GOL	MD70500153
MS18-800	2	800	IP 44	silver	MS18-800s4-2K-GOL	MD70800154
MS18-1150	2	1150	IP 44	silver	MS18-1150s4-2K-GOL	MD71150155
MS18-1400	2	1400	IP 44	silver	MS18-1400s4-2K-GOL	MD71400156
MS18-GOL LED-Cover (for retrofitting)			IP 44	silver	MS18-GOL	MD20100001
Garden columns equipped (Description equipment see above)						
MS18-800 , incl. water connection		800	IP44	silver	MS18-800s4-2S/W-Fp	MD60807022
MS18-800 , water connection optional		800	IP44	silver	MS18-800s4-WsS-GOL	MD70807024
MS18-800 , water connection optional		800	IP44	silver	MS18-800s4-WsS-GAL	MD80807023

More heights and equipment under column profiles at page 188
More mounting options see page 206

MSR12 - the round garden supply tower



Equipment options of MSR12

These supply towers provide numerous connection possibilities. Both functional requirements and aesthetic aspects play a significant role. The round supply tower, Type MSR12 was specially developed for design-oriented fields of application.

The distinguishing features of this tower are its appearance and sophisticated technology.

The surface-mounted light which emits light in all directions is glare-free thanks to the integrated reflectors.



MSR12-800s4-WsS-GAL MSR12-800s4-WsS-GOL

MSR12 - Garden supply tower - Technical data



Description of connection columns MSR12 equipped:

MSR12-800s4-WsS-GOL:

Incl. orientation light with LED strip-light and transformer, 1 rocker switch, 1 protective contact socket IP44, incl. 1 double frame and base plate MSR12-Fp5s-T1
Measures in mm (ØxH): 120x800

MSR12-800s4-WsS-GAL

Incl. mounted light. 1 rocker switch, 1 protective contact socket IP44, incl. 1 double frame and base plate MSR12-Fp5s-T1
Measures in mm (ØxH): 120x800



Technical data

	MSR12-GAL	MSR12-GOL/Cover
Equipment: 1-sided with all standard equipment programs. (Frame width max. 85 mm)	Incl. mounted light	MSR12-GOL, incl. orientation light The standard columns MSR12 can be retrofitted with an LED cover.
Measures in mm (ØxH):	120xh	120xh
Hole pattern:	1.1 for standard device equipping (switch,...)	1.1 for standard device equipping (switch,...)

Description garden columns unequipped	Bore-holes	Height (mm)	protection class	Colour anodised	Article description	Order-No.
MSR12 Garden supply tower:						
MSR12 with mounted light, incl. base plate:						
MSR12-500	2	500	IP44	silver	MSR12-500s4-2K-GAL	MM90500067
MSR12-800	2	800	IP44	silver	MSR12-800s4-2K-GAL	MM90800068
MSR12-1150	2	1150	IP44	silver	MSR12-1150s4-2K-GAL	MM91150069
MSR12-1400	2	1400	IP44	silver	MSR12-1400s4-2K-GAL	MM91400070
MSR12 with orientation light, incl. base plate:						
MSR12-500	2	500	IP44	silver	MSR12-500s4-2K-GOL	MM80500071
MSR12-800	2	800	IP44	silver	MSR12-800s4-2K-GOL	MM80800072
MSR12-1150	2	1150	IP44	silver	MSR12-1150s4-2K-GOL	MM81150073
MSR12-1400	2	1400	IP44	silver	MSR12-1400s4-2K-GOL	MM81400074
MSR12-GOL LED-Cover (for retrofitting)			IP44	silver	MSR12-GOL	MM20000001
Garden columns equipped (Description equipment see above)						
MSR12		800	IP44	silver	MSR12-800s4-WsS-GOL	MM80807026
MSR12		800	IP44	silver	MSR12-800s4-WsS-GAL	MM90807025

More heights and equipment under column profiles at page166

More mounting options see page 206

MSR20 - the round garden supply tower



Equipment options of MSR20

This version of the round garden supply tower is particularly suitable for lighting the entrance area of your house or the garage driveway.

The 20 cm diameter of the column and the lighting is adequate for lighting larger areas. It can be equipped with switches and sockets.

With the garden supply tower MSR20 we combine the indirect lighting technology with the required electrical switching functions.

For switching either gate drives or additional lights, this "switching station" provides the direct line to your site.



MSR20-800s4-WsS-GAL

MSR20-800s4-WsS-GOL



Description of connection columns MSR20 equipped:

MSR20-800s4-WsS-GOL:

Incl. orientation light with LED strip-light and transformer, 1 rocker switch, 1 protective contact socket IP44, incl. 1 double frame and base plate MSR20-Fp5s
Measures in mm (ØxH): 200x800



MSR20-800s4-WsS-GAL:

Incl. mounted light; 1 rocker switch, 1 protective contact socket IP44, incl. 1 double frame and base plate MSR20-Fp5s-T1
Measures in mm (ØxH): 200x800

Technical data	MSR20-GAL	MSR20-GOL/Cover
Equipment: 1-sided with all standard equipment programs. (Frame width max. 160 mm)	Incl. mounted light	MSR20-GOL, incl. orientation light The standard columns MSR20 can be retrofitted with an LED cover.
Measures in mm (Ø xH):	200xh	200xh
Hole pattern:	1.1 for standard device equipping (switch,...)	1.1 for standard device equipping (switch,...)

Description garden columns unequipped	Bore-holes	Height (mm)	protection class	Colour anodised	Article description	Order-No.
MSR20-Garden supply tower:						
MSR20 with mounted light, incl. base plate:						
MSR20-500	2	500	IP 44	silver	MSR20-500s4-2K-GAL	MK70500165
MSR20-800	2	800	IP 44	silver	MSR20-800s4-2K-GAL	MK70800166
MSR20-1150	2	1150	IP 44	silver	MSR20-1150s4-2K-GAL	MK71150167
MSR20-1400	2	1400	IP 44	silver	MSR20-1400s4-2K-GAL	MK71400168
MSR20 with orientation light, incl. base plate:						
MSR20-500	2	500	IP 44	silver	MSR20-500s4-2K-GOL	MK60500169
MSR20-800	2	800	IP 44	silver	MSR20-800s4-2K-GOL	MK60800170
MSR20-1150	2	1150	IP 44	silver	MSR20-1150s4-2K-GOL	MK61150171
MSR20-1400	2	1400	IP 44	silver	MSR20-1400s4-2K-GOL	MK61400172
MSR20-GOL LED-Cover (for retrofitting)			IP 44	silver	MSR20-GOL	MK20000001
Garden columns equipped (Description equipment see above)						
MSR20		800	IP44	silver	MSR20-800s4-WsS-GOL	MK60807057
MSR20		800	IP44	silver	MSR20-800s4-WsS-GAL	MK70807058

More heights and equipment under column profiles on page 194
More mounting options see page 206

Gate intercom columns MS18/MSR20



Equipment options of the intercom columns MS18/MSR20

With the columns MS18/MSR20 MOSER successfully achieves a symbiosis of technology and design. As the supply ducts are underground, the columns do not require walls for mounting. The optional orientation light is a novelty which underlines the function of this application and simultaneously represents a "highlight" in terms of communication.

The puristic design combined with the new orientation light is once again evidence that Moser Systemelektrik is geared to fulfilling the requirements of its customers.

Excellent technology, enhanced by lighting for your benefit and your security.



MSR20-1400s4-Typ1

MS18-1400s4-4

Gate intercom columns MS18/MSR20 - Technical data



Gate intercom columns for installing in entrance areas on paved surfaces and in the ground.

Gate intercom columns can be equipped with intercom systems. The following brands with 1, 2, 3 and 4 modules can be used:

- Siedle
- Ritto
- Grothe
- Balcom
- (Seko-)BTicino/Terraneo
- Fermax
- Urmet
- TCS
- ... and more after technical clarification



Option with LED-Cover

Technical data

MS18 Gate intercom columns

MSR20 Gate intercom columns

Equipment: Intercom columns are prepared for the assembly of intercom systems.

The existing columns MS18 can be retrofitted with an LED-cover.

The existing columns MSR20 can be retrofitted with an LED-cover.

Measures in mm:
More heights on inquiry

180x100x1400 (WxDxH)

Ø 200x1400 (Ø xH)

Description	Height (mm)	protection class without light	protection class with light	Colour anodised	Article description without light	Article description with light	Order-No. without light	Order-No. with light
MSR20 Gate intercom column:						Addition:		
MSR20 for 1 modul	1400	IPX5	IP 44	silver	MSR20-1400s4-type 1	OL	MK51400157	MK61400161
MSR20 for 2 modules	1400	IPX5	IP 44	silver	MSR20-1400s4-type 2	OL	MK51400158	MK61400162
MSR20 for 3 modules	1400	IPX5	IP 44	silver	MSR20-1400s4-type 3	OL	MK51400159	MK61400163
MSR20 for 4 modules	1400	IPX5	IP 44	silver	MSR20-1400s4-type 4	OL	MK51400160	MK61400164
MS18 Gate intercom column:								
MS18 for 1 modul	1400	IPX5	IP 44	silver	MS18-1400s4-1	OL	MD61400133	MD71400137
MS18 for 2 modules	1400	IPX5	IP 44	silver	MS18-1400s4-2	OL	MD61400134	MD71400138
MS18 for 3 modules	1400	IPX5	IP 44	silver	MS18-1400s4-3	OL	MD61400135	MD71400139
MS18 for 4 modules	1400	IPX5	IP 44	silver	MS18-1400s4-4	OL	MD61400136	MD71400140
MSR20-GOL LED-Cover (for retrofitting or option)			IP 44	silver		MSR20-GOL		MK20000001
MS18-GOL LED-Cover (for retrofitting or option)			IP 44	silver		MS18-GOL		MD20100001

The given order numbers are standard numbers and contain in each case a general cutting for speech modules. The exact order number arises after your inquiry under information of the planned intercom systems which you give us with the inquiry absolutely.

Mounting options on inquiry