

Type description for retractable supply post MS SE 56 Standard

Technical data

Degree of protection stages:	IP 44 for electrical sockets on request up to IP 67 IP 67 for distributors
Protection equipment:	earth conductor, class 1
Nominal voltage/ frequency:	230/400 V, 50 Hz
Kind of voltage:	TN-S System
Connection value:	approx. 50 kW
Supply cable max. permissible:	5 x 50 mm ²

Equipment side A

1 x distributor, 18 partitions
1 x CEE 63A, 5-pole
1 x CEE 16A, 5-pole
3 x isolated ground receptacles
1 x elcb 63/0,03A, 4-pole
1 x mcb 63A, B, 3-pole
1 x mcb 16A, B, 3-pole
3 x mcb 16A, B, 1-pole

Equipment side B

1 x distributor, 18 partitions
1 x CEE 32A, 5-pole
2 x CEE 16A, 5-pole
2 x CEE 16A, 3-pole
1 x elcb 63/0,03A, 4-pole
1 x mcb 32A, B, 3-pole
2 x mcb 16A, B, 3-pole
2 x mcb 16A, B, 1-pole
1 x mcb 2A, C, 1-pole (for heating)

Weights

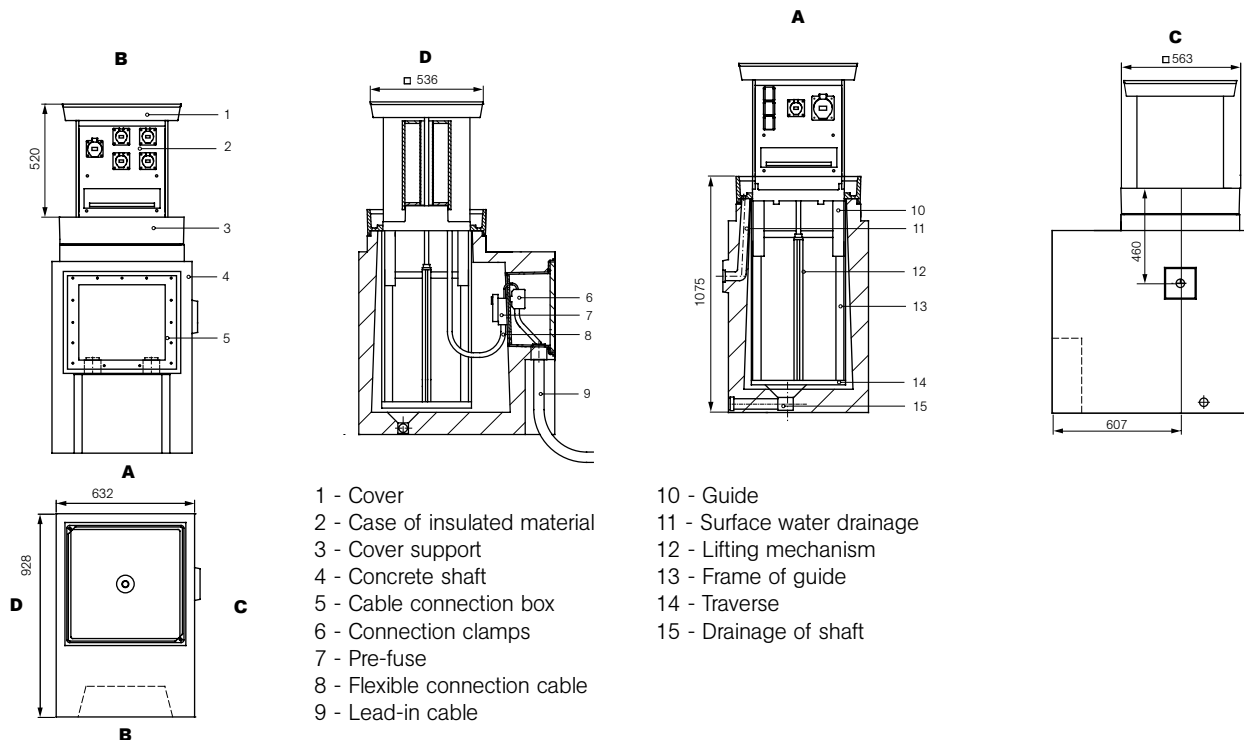
Concrete shaft + Shaft insert:	650 kg
Device column equipped:	75 kg

Dimensions

Concrete shaft (H x W x D):	965 x 632 x 928 mm
Cover support:	110 mm
Installation depth:	1075 mm
Extendible height:	520 mm
Space for pavement in cover:	50 mm
Load capacity for the paved cover under DIN EN 124:	D 400, 40 t point load
Lifting mechanism:	Threaded spindle
Sewage connections:	2 x DN 40

Order-No.:

MS SE 56-Sta-03



Submission text for retractable supply post MS SE 56 Standard

Retractable, practicable, column for connection and distribution of electricity according to the VDE-regulations for open space, soil flushing installation.

**Load capacity of the paved cover under the provisions of DIN EN 124 - D 400 (40t point load),
kind of protection IP 44 for electrical sockets, on request up to IP 67
kind of protection IP 67 for distributors,**

consisting of:

Concrete shaft

Supporting concrete shaft under the provisions of DIN 1045 - B 35
(for traffic loads under the provisions of DIN 1072, bridge class SLW 60)
for a protected insertion of the retractable supply post into soil.

There are integrated:

- Cable connection box for the assembly of a connecting module
- two cable lead throughs for reception of on incoming cable
- C-rail for tension relief of the connection cable
- Thread-connection plug for the installation of the exterior earth contact
- Surface water drainage DN 40
- Shaft drainage DN 40.

Shift insertion

System-oriented, metal insertion of corrosion resistant aluminium
consisting of:

- Guide frame (corrosion resistant aluminium profiles)
as sliding support for the device column
- Cover support with sealing, pavement frame, drainage,
open pipe for surface water drainage
- Bottom support with lifting mechanism (threaded-spindle, spindle-guide and spindle nut).

Device column

Extendable, horizontal case construction out of weather resistant PVC with
built-on shift cover of cast aluminium, built-in space of 50 mm for pavement.

The case of insulated material (IP 55) is a self supporting construction and
constructed as a rugged and shock resistant device.

2 sides (A+B) are provided for the equipment of the device.

Lead-in can be plugged by flexible connection cable 5 x 16 mm².

The lifting mechanism with threaded spindle is located in the centre of the device column.

Water-tight opening of spindle drive through the lid.

Self-regulating heating in the electrical operating room to protect from frost damage an condensation.

Electric device modules

The interior wiring of the devices and the feeding-in are arranged for the TN-C-S system (as per diagram of connections). Wiring for other systems only after technical clarification and written contract.

Side A:

- 1 piece of distribution module with covering for 18 partitions
- 1 piece of elcb 63A, 4-pole, 30mA
- 1 piece of attached electrical outlet CEE 63A, 5-pole
- 1 piece of attached electrical outlet CEE 16A, 5-pole
- 3 pieces of electrical earth outlets
- 1 piece of mcb 63A, B, 3-pole
- 1 piece of mcb 16A, B, 3-pole
- 3 pieces of mcb 16A, B, 1-pole

Side B:

- 1 piece of distribution module with covering for 18 partitions
- 1 piece of attached electrical outlet CEE 32A, 5-pole
- 2 pieces of attached electrical outlet CEE 16A, 5-pole
- 2 pieces of attached electrical outlet CEE 16A, 3-pole
- 1 piece of elcb 63A, 4-pole, 30mA
- 1 piece of mcb 32A, B, 3-pole
- 2 pieces of mcb 16A, B, 3-pole
- 2 pieces of mcb 16A, B, 1-pole
- 1 piece of mcb 2A, C, 1-pole for heating

Cable connection module KAM 50-1

PVC device supporting base with series clamps 25-50 mm² to feed in or slide on the supply cable. Pre-fuse NH 0080A plug-clutch 80A and tension relief for the flexible connection cable.

Cable leading on KDF 50-1

Screwing sockets PG 36 with shrink-hose for watertight leading-in of the connection cable and of the leading-off cable.

Crank handle

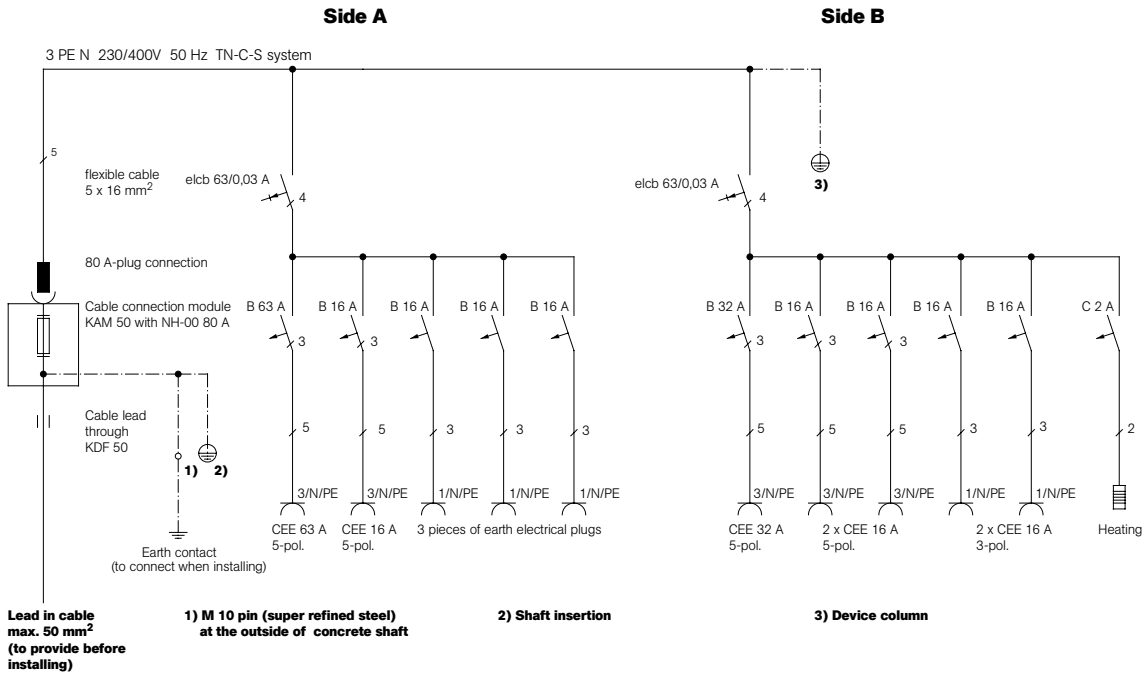
(included in price when ordered)

Price: per piece + VAT

Delivery: assembled completely, completely wired and checked according to VDE 0100 part 610 including electric plans and installation instructions, ex factory, packaging not included

Delivery time: min. 6 weeks after receipt of order and technical clarification

Survey of diagram of connections for retractable supply post MS SE 56 Standard



Submitted by:

TB SE 56 Standard- E - 07/2011
 Technical alterations are subject to change without prior notice.
 Our terms of delivery and payment are in validity.

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