

## Type description for retractable supply post MS SE 30NR Standard

### Technical data

Degree of Protection:	IP 44 for electrical sockets, on request up to IP 67 IP 65 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. 15 kW
Supply cable max. permissible:	5 x 6 mm <sup>2</sup>

### Equipment side A

1 x distributor, 10 partitions  
1 x elcb 40/0,03A, 4-pole  
1 x mcb 16A, B, 3-pole  
2 x mcb 16A, B, 1-pole  
1 x mcb 2A, C, 1-pole (for heating)

### Equipment side B

1 x CEE 16A, 5-pol.  
2 pieces of isolated ground receptacles

### Weights

Concrete shaft + Shaft insert:	220 kg
Device column equipped:	30 kg

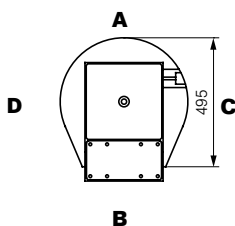
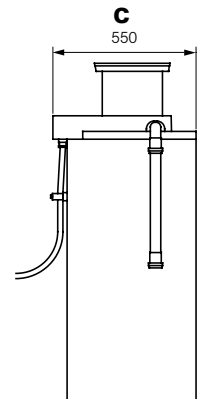
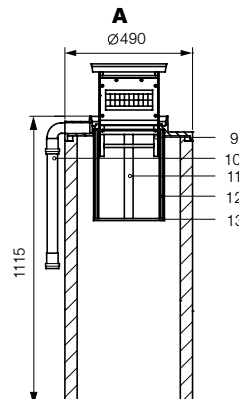
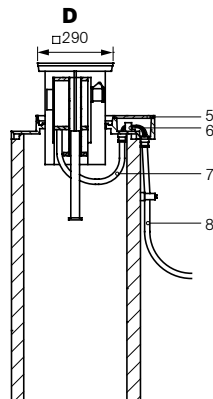
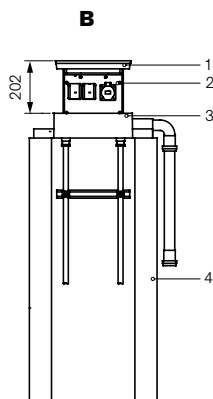
### Dimensions

Concrete shaft (H x W x D):	1030, Ø 490 mm
Cover support:	85 mm
Installation depth:	1115 mm
Extendible height:	202 mm
Space for pavement in cover:	20 mm
Load capacity for the paved cover under DIN EN 124:	B 125, 12,5 t point load
Lifting mechanism:	Threaded spindle
Sewage connections:	1 x DN 40



### Order-No.

**MS SE 30NR-Sta-01**



- |  |                             |
|--|-----------------------------|
| 1 - Cover                                    | 9 - Guide                   |
| 2 - Case of insulated material               | 10 - surface water drainage |
| 3 - Cover support                            | 11 - Lifting mechanism      |
| 4 - Concrete shaft                           | 12 - Frame of guide         |
| 5 - Cable connection box                     | 13 - Bottom support         |
| 6 - Connection clamps                        |                             |
| 7 - Flexible connection cable                |                             |
| 8 - Lead in cable<br>(to prov. before inst.) |                             |

## Submission text for retractable supply post MS SE 30 NR Standard

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

**Load capacity of the paved cover under the provisions of DIN EN 124 - B 125 (12,5t point load),  
kind of protection IP 44 for electrical sockets, on request up to IP 67,  
kind of protection IP 65 for distributors**

**consisting of:**

### **Concrete shaft**

Supporting standard concrete pipe for the protected insertion of the retractable supply post into soil.

Integrated is:

- C-rail for tension relief of the connection cable.

### **Shift insertion**

System-oriented, metal insertion of corrosion resistant aluminium

consisting of:

- Guide frame (corrosion resistant aluminium profiles) as sliding supports for the device column
- Cover support with sealing, pavement frame, drainage, open pipe with pipe connection DN 40 for surface water drainage
- Bottom support with lifting mechanism (spindle-guide and spindle nut)
- Integrated is: Cable connection box.

### **Device column**

Extendable, horizontal case construction of weather resistant PVC with-built on shift cover of cast aluminium, built-in space of 20 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 6 mm<sup>2</sup>.

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-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 transparent cover for 10 partitions
- 1 piece of elcb 63 A, 4-pole, 30 mA
- 1 piece of mcb 16 A, B, 3-pole
- 2 pieces of mcb 16 A, B, 1-pole
- 1 piece of mcb LS 2 A, C, 1-pole for heating

#### Side B:

- 1 piece of attached electrical outlet CEE 16 A, 3 pole
- 2 pieces of electrical earth outlets

### **Crank handle**

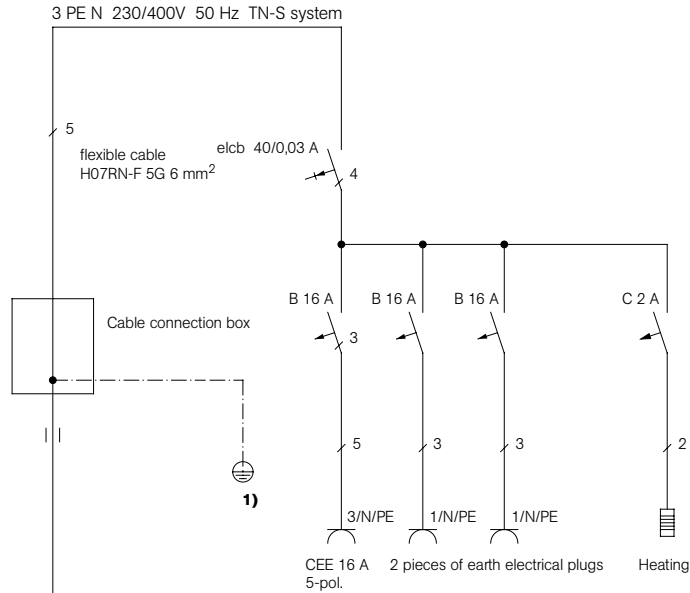
(spindle operated: include in price when ordered)

**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 30NR Standard**



**Lead in cable  
max. 16 mm<sup>2</sup>  
(to provide before  
installing)**

**1) Shaft Insertion**

Submitted by:

TB SE 30NR - 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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