

## Type description for retractable supply post MS SV 80 Standard

### Technical data

Degree of protection:	IP 55 for distributors
Protection equipment:	earth conductor, class 1
Mains voltage/ frequency:	230/400 V, 50 Hz
Kind of voltage:	TN-C System
Supply cable max. permissible:	4 x 150 mm <sup>2</sup>
Leading out cable max. permissible (4 pieces):	until 4 x 50 mm <sup>2</sup>

### Equipment side B

4 leading off cables  
with NH-00 pre-fuse

### Weights

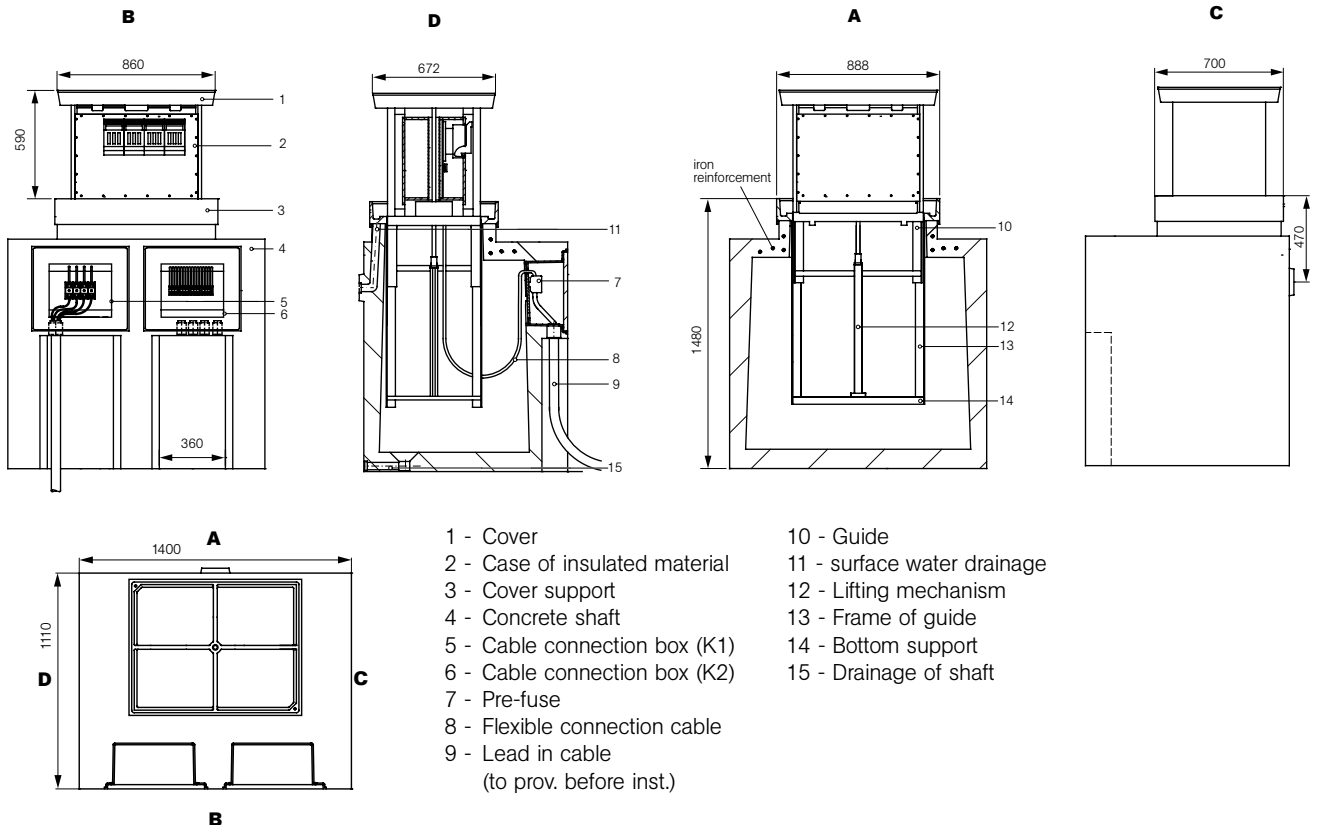
Concrete shaft + Shaft insert:	2120 kg
Device column equipped:	80 kg

### Dimensions

Concrete shaft (H x W x D):	1350 x 1400 x 1110 mm
Cover support (incl. sealing compound):	130 mm
Installation depth:	1480 mm
Extendible height:	590 mm
Space for pavement in cover:	50 mm
Load capacity for the paved cover under DIN EN/ 24:	C 250, 25 t point load
Lifting mechanism:	Threaded spindle
Sewage connections:	2 x DN 40

### Order-No.

**MS SV 80-Sta-01**



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

**Load capacity of the paved cover under the provisions of DIN EN 124 - C 250 (25t point load),  
kind of protection IP 55 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:

- 2 pieces of cable connection boxes for assembly of a connecting module
- 5 pieces of cable lead throughs for reception of an 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 supports for the device column
- Cover support with sealing, pavement frame, drainage, open pipe for surface water drainage
- Bottom support with lifting mechanism (thread-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. 1 side is intended for the equipment of the devices.

Lead-in by flexible connection cable.

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 system, (as per diagram of connections).  
Wiring for other systems only after technical clarification and written contract.

#### Side B:

4 pieces of lead off with NH-00 pre-fuses

### **Cable connection module KAM 150-2**

PVC device supporting base with distributing bar-derivating post 70-150 mm<sup>2</sup>  
for feeding in or sliding on of lead in cable and tension relief for the flexible connection cable.

### **Cable leading on KDF 150-2**

Screwing sockets PG 48 with shrink-hose for watertight leading in of the connection cable.

### **Cable-connection module KAM 50-4**

PVC-device support bottom with series clamps 50 mm<sup>2</sup> ffor connection of 4 pieces lead-off cables with tension relief for the flexible connection cables.

### **Cable lead through KDF 50-4**

4 pieces of screw-sleeves PG 36 with shrink-hose for water-tight lead-in of the lead-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. 6-8 weeks after receipt of order and technical clarification.

