

Type description for retractable distributor post MS SV 80 Standard

Technical data

Protection stages:	IP 55 for distributors
Protection equipment:	earth contact class 1
Mains voltage/ frequency:	230/400 V, 50 Hz
Kind of voltage:	TN-C System
Feed in cable max. permissible:	4 x 150 mm ²
Leading out cable max. permissible (4 pieces):	until 4 x 50 mm ²

Equipment side B

4 leading off cables
with NH-00 pre-fuse

Weights

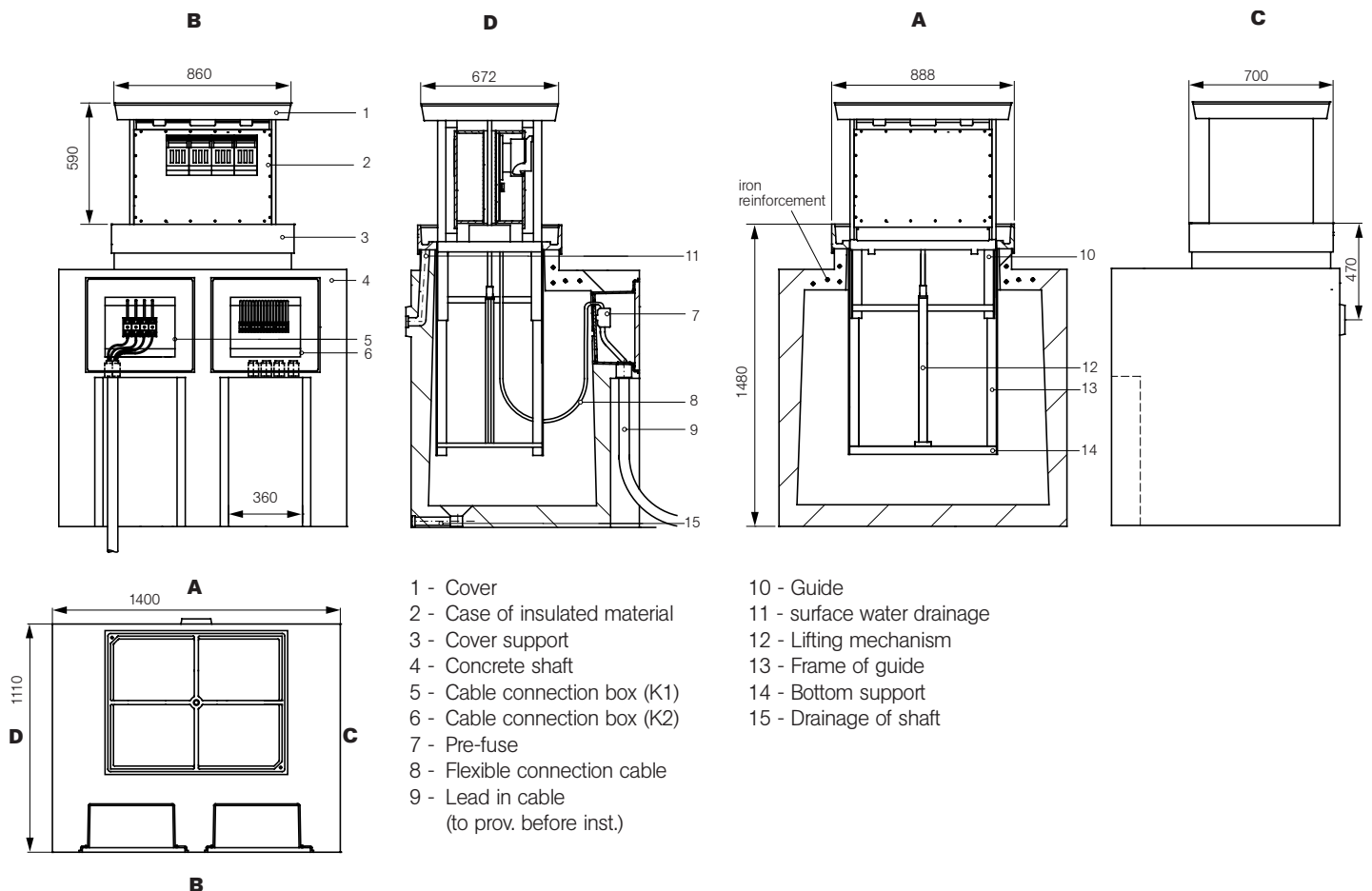
Concrete shaft + Shaft insert:	2120 kg
Device column equipped:	80 kg

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
Stroke:	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:	Thread spindle
Sewage connections:	2 x DN 40

Order-No.

MS SV 80-Sta-01





Submission-text for retractable distributor post MS SV 80 Standard

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 assembling of one connection module each
- 5 pieces of cable lead through for reception of a cable-lead-on
- C-bar 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

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

Horizontal draw out case construction 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 thread spindle is located in the centre of the device column.

For the operating by crank handle the spindle is passed through the cover and is watertight.



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 mm²
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 mm²
for 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
ex factory, packaging not included

Delivery

time: min. 6 - 8 weeks after receipt of order and technical clarification.

Survey of diagram of connections for retractable distributor post MS SV 80 Standard

