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Deep Networks Group

DATA SHEET
DE-STD · SN-VDP · Rev. 2026

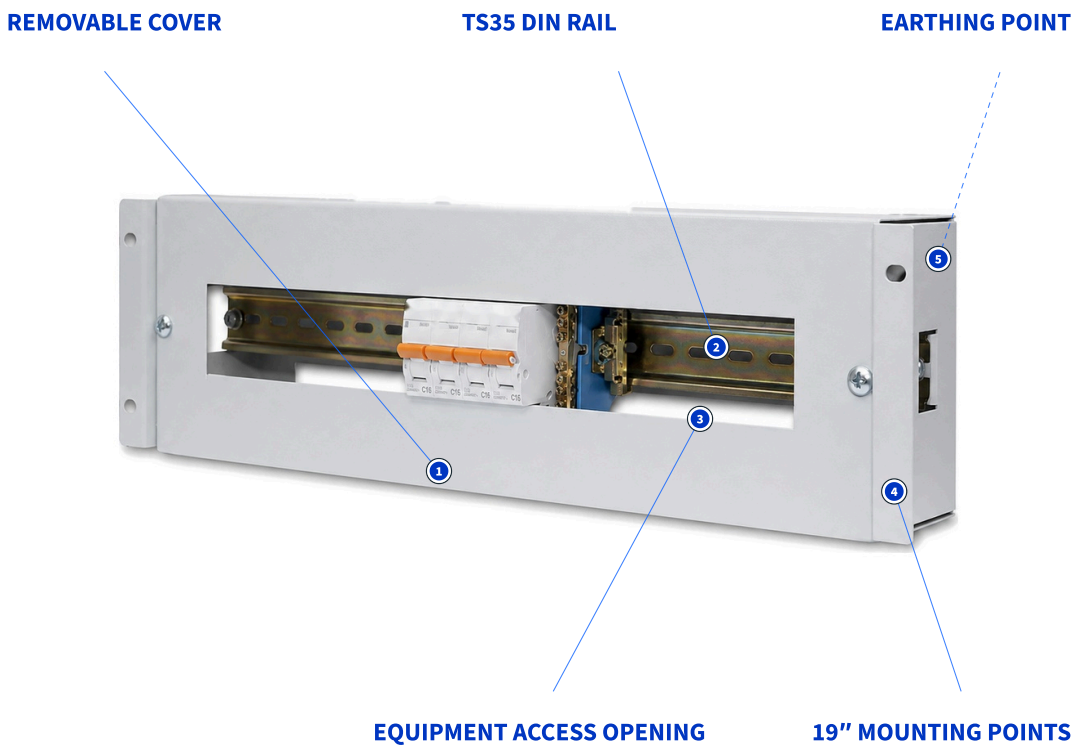
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CABINET ACCESSORIES

SN-VDP Voltage Distribution Panel

19″ 3U Voltage Distribution Panel with TS35 DIN Rail



The 19-inch 3U Voltage Distribution Panel is designed for installation in standard 19-inch telecommunications cabinets and racks, providing a dedicated space for modular electrical equipment.

The panel consists of a steel enclosure with a removable cover and an internal TS35 DIN rail for installation of electrical protection, distribution, connection and control equipment.

The DIN rail provides installation space for up to 22 standard 18 mm modules. The steel enclosure is finished with a durable powder coating.

AT A GLANCE

Product family	**Voltage Distribution Panel**
Category	**Rack Cabinet Accessory**
Application	**Protected Cabinet Environment**
Rack standard	**19″ / 3U**
Mounting type	**Rack-Mounted / DIN Rail**

NUMBERED DETAILS IN THE PHOTO

1. **Removable Cover**
   Provides convenient access to the internal components during installation and maintenance.
2. **TS35 DIN Rail**
   Provides a standard mounting interface for compatible electrical equipment.
3. **Equipment Access Opening**
   Provides front access to installed electrical equipment.
4. **19″ Mounting Points**
   Provide secure installation of the panel in standard 19-inch cabinets and racks.
5. **Earthing Point**
   Provides a dedicated connection point for protective earthing of the metal enclosure. Located inside the panel, behind the cover.

1 Key figures

Rack Standard
19″

Height	**3U**
Max. Module Capacity	**22**
DIN Rail Type	**TS35**

2 Key features

Modular Equipment Integration	Designed to accommodate a wide range of compatible protection, distribution, connection and control devices.
Configurable Electrical Layout	Allows the internal equipment arrangement to be adapted to the required cabinet configuration.
Dedicated Electrical Compartment	Creates a separate installation area for electrical equipment within the telecommunications cabinet.
Steel Construction	Steel enclosure provides structural rigidity and durability during operation.
Powder-Coated Finish	Durable powder coating protects the steel surface during normal operation.
Protected Equipment Installation	Enclosed construction helps protect installed components from accidental contact inside the cabinet.
Centralised Power Management	Allows electrical protection, distribution and control components to be grouped in one dedicated panel.
19″ System Compatibility	Mounts directly to standard 19-inch rack profiles.

TYPICAL APPLICATIONS

- Telecommunications Cabinets
- Server and Network Racks
- Outdoor Climate-Controlled Cabinets
- Power Distribution and Protection Systems

WHAT'S IN THE BOX

- Steel Enclosure — 1 pc
- TS35 DIN Rail — 1 pc
- Removable Cover — 1 pc
- Grounding Wire — 1 pc
- Mounting Kit — 1 set

The panel can also be supplied with electrical equipment configured to customer requirements.

COMPATIBLE WITH



Wall cabinet



Floor cabinet



Outdoor cabinet

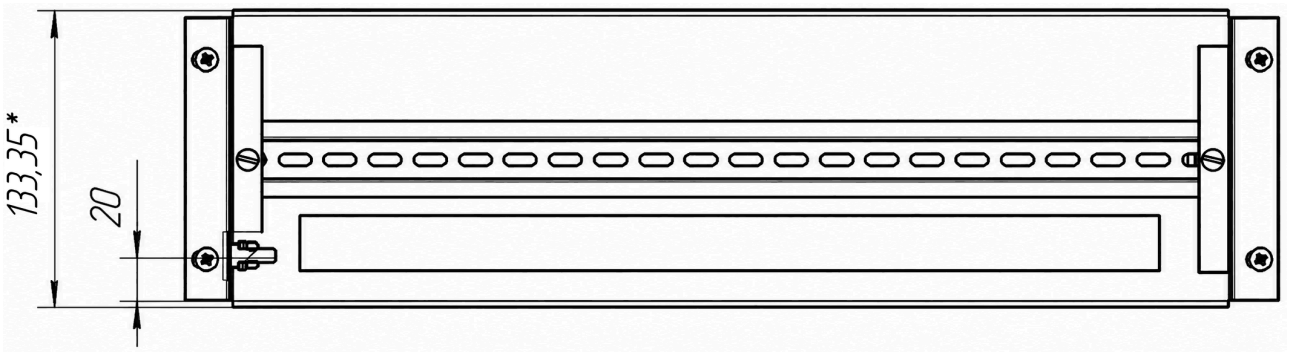
3 Size and configuration matrix

The row lists the SN-VDP Voltage Distribution Panel model. Columns give external dimensions (width by height by depth) and net weight.

Model	Dimensions (W × H × D) (mm)	Net weight (kg)
SN-VDP-19-3U	**482.6 × 133.35* × 100*** mm	2.15 kg

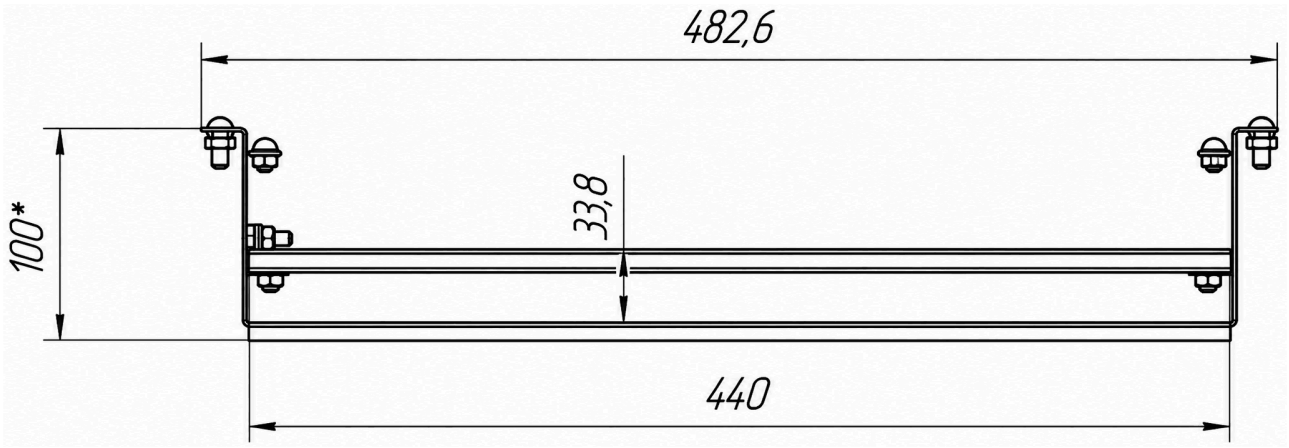
* Reference dimension. The panel is available in RAL 7035 and RAL 9005.

4 Technical drawings



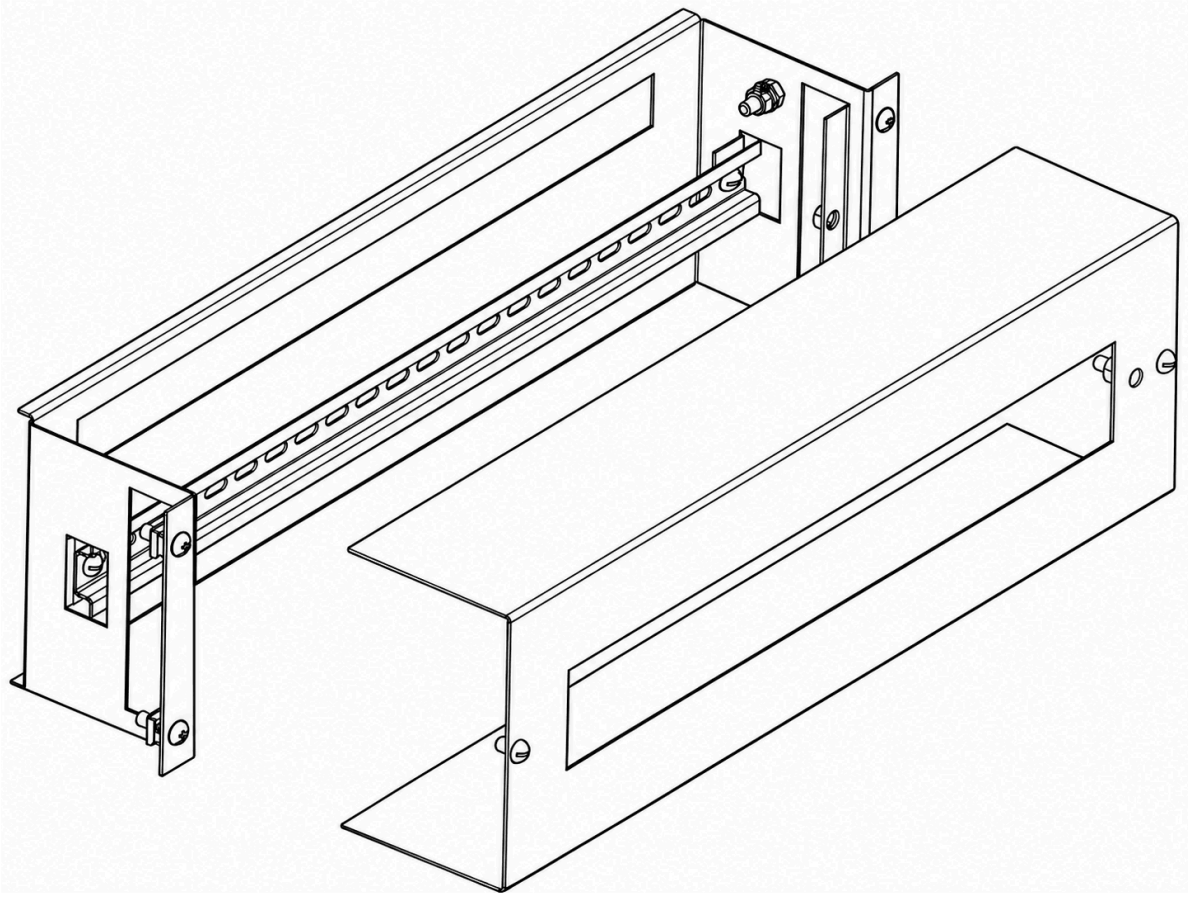
FRONT VIEW — COVER REMOVED

Front view with the cover removed: the steel frame with the TS35 DIN rail running along its full width, its elongated slots in a regular row, 19-inch mounting flanges with a fixing screw at each end, and a small terminal clip at the lower left. Marked dimensions: height 133.35 mm, with an asterisk, the drawing's mark for a reference dimension; and 20 mm at the lower left corner.



BOTTOM VIEW — COVER REMOVED

Bottom view with the cover removed: the U-shaped steel body between two mounting flanges, the TS35 DIN rail across the full width of the body, and a bolt with nuts on the left wall. Marked dimensions: overall width 482.6 mm; depth 100 mm, with an asterisk, the drawing's mark for a reference dimension; 440 mm, the width of the body and of the DIN rail; and 33.8 mm.



GENERAL VIEW

Isometric view of the panel with the removable cover lifted off: the steel body with the TS35 DIN rail along its length, the 19-inch mounting flanges at both ends, a threaded stud with a nut on the rear wall, and the U-shaped cover with its long window and fixing screws. No dimensions are marked.

5 Standards and certification

- ✓ **IEC 60297-1**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 1: panels and racks
- ✓ **IEC 60297-2**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 2: assemblies and subracks
- ✓ **EIA-310** Cabinets, racks, panels, and associated equipment

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SN-VDP-19-3U-[RAL]`

SN-VDP

Series name

19

19-inch rack standard

3U

Height 3U

[RAL]

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-VDP-19-3U-7035` Voltage distribution panel, 19-inch, 3U, RAL 7035 light grey.

IEC 60297 · EIA-310 · Made in Europe

Powered by SteelNet

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