

Installation

EN

Admissible area of application This unit is a primary switched-mode power supply unit for use in panel-board installations or other building-in applications where a suitable mechanical enclosure shall be provided to fulfill the requirements for shock-hazard protection and/or protection from hazardous energy levels as well as for fire protection. It must only be installed and put into service by appropriately qualified personnel only.

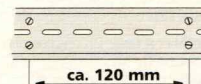
Mounting

Mounting Mount in horizontal DIN-rail position^b only, with input terminals on bottom edge (or else sufficient air-cooling will not be possible).
Leave space for air-cooling! Recommended respective distances: see supplementary sheet "Technical Data".

Attachment
• Mount DIN support rail
• Snap on support rail (vgl. Fig. 2)

Admissible: TS35/15 or TS35/7,5
For rail fastening: →

- Tilt the unit slightly rearwards.
- Fit the unit over top hat rail.
- Slide it downward until it hits the stop.
- Press against the bottom front side for locking.
- Shake the unit slightly to check the locking action



Front elements

Operation indicator (①) Indicates whether the unit is working properly.
• The green LED is on in normal operation and goes out if overloaded.
• Some units also have a red LED. This lights up when overloaded and goes out if there is a short circuit or flashes slowly with hiccup operation.

Potentiometer^c (②) Setting the output voltage^a. For access to the potentiometer remove protective cap, replace it later on.

Input Voltage Selector^c (③) Choice between 115V and 230V supply voltage.^a
If admissible at all^a, with DC operation, the unit must be switched to the 230V setting; otherwise it could be damaged!

Connection / Internal fuse

Connection

- Data for permitted loads, cable cross-sections and stripping as well as for external fusing: see the enclosed leaflet "Technical Data", sub-heading "Connection to Mains" or "Output"
- Use only commercial cables designed for the indicated voltage and current values!
- With flexible cables: make sure that all cable strands are secured in the terminal.
- Suitable conductor terminal sleeves (ferrules) may be used.
- Ensure proper polarity at output terminals!

Grounding

- Do not operate the unit without PE!** Units that are connected to the mains (power supply units, switching relays) must not be operated without adequate earthing of the housing and if applicable the primary side. The housing is connected to the earth terminal PE (⊕) with earthing screws. Therefore, housing screws should not be loosened (could cause death)!
- Secondary side is not earthed; if necessary the ⊕ or ⊖ terminal can be earthed optionally.

Internal fuse Units with internal fuse only: The internal input fuse protects the unit and must not be replaced by the user. In case of an internal defect, the unit must be returned to the manufacturer for safety reasons.

Removal

Removal
Detaching from the support rail
Before removal: Switch main power off and disconnect your system from the supply network.
See Fig. 3: push the slider downwards (unlock). Gently lift lower front edge of the unit (tipping) and remove.

Recycling



The unit contains elements which are suitable for recycling, and components which need specialist disposal. You are therefore requested to make sure that the unit will be recycled by the end of its service life.

Remarks:

- See enclosed leaflet "Technical Data" sub heading "Connection to Mains" or "Output" for details.
- unless there are other instructions either on the unit or in the enclosed leaflet "Technical Data"
- Not available with all units

This is a general information leaflet for all units in the current range. With some units deviations from the instructions described here are possible, **therefore instructions in the "Technical data" leaflet enclosed always take priority.** In case of doubt the German version applies.