

DIN-RAIL

Power Supplies and DC/DC Converters on DIN-Rail

These power supplies and converters are designed for electronic devices in switchboards, in power engineering, in automation and in the other industrial applications wherever DIN-Rail is used for their installation. We can offer a wide assortment of AC/DC Power Supplies, Battery Chargers, DC/DC Converters as well as Uninterruptible Power Supply Systems with **DIN-Rail mounting option**.

A) AC/DC Power Supplies and Battery Chargers on DIN-Rail:

There is possible to make a choice from the following power supplies:

- Power supplies of **DNR** series (output power in the range of **5W, 10W, 18W, 30W, 60W, 120W and 240W**, in total 25 types of power supplies with single output with the output voltages 5V, 12V, 15V, 24V and 48V, in plastic [5 to 60W] or metal [120 and 240W] case)
- Power supplies of **THF** series (output power in the range of **45W, 75W, 120W, 240W and 480W**, in total 14 types of power supplies with single output with the output voltages 5V, 12V, 15V, 24V and 48V, in plastic [45W] or metal [75 to 480W] case)
- Battery chargers based on **THF** series of power supplies (output power in the range of **45W, 75W, 120W, 240W and 480W**, in total 12 types of battery chargers with the output voltages 13.8V, 27.2V and 54V, in plastic [45W] or metal [75 to 480W] case)
- Power supplies of **NLP25** series (output power 25W, in total 7 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V, 18V, 24V and 48V, in metal case **127x80x45 mm**)
- Power supplies of **NAL/NAN25** series (output power 25W, in total 20 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V, 24V and 48V, in metal case **140x87x47 mm**)
- Power supplies of **SSL20/SSL20C** series (output power 25W, in total 13 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V, 18V, 24V and 48V, in plastic case **107x57x25 mm / 118x61x27.5 mm**)
- Power supplies of **NLP40** series (output power 25W, in total 9 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V, 18V, 24V and 48V, in metal case **127x80x45 mm**)
- Power supplies of **NAL/NAN40** series (output power 40W, in total 18 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V, 24V and 48V, in metal case **140x87x47 mm**)
- Power supplies of **SSL40/SSL40C** series (output power 40W, in total 11 types of power supplies with single, dual and triple outputs with the output voltages 12V, 14V, 15V, 18V, 24V and 48V, in plastic case **107x45x25 mm / 118x61x27.5 mm**)
- Power supplies of **NLP65** series (output power 65W, in total 8 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V and 24V, in metal case **140x87x47 mm**)

- Power supplies of **NFS110** series (output power 80W without fan, 110W with fan, in total 7 types of power supplies with single, dual and triple outputs with the output voltages 5V, 12V, 15V and 24V, in metal case **191x116x61 mm**).
- Power supplies of **ZX/SX200** series (output power 200W, in total 4 types of power supplies, output voltage 24V and 48V single output, in metal case **234x160x52 mm**).

All above power supplies are enclosed either in a metal or in a plastic case. They are equipped with a mechanism for their fastening on DIN-Rail. Input and output terminals are either connectors MOLEX (NAL/NAN25, NAL/NAN40, NLP25, NLP40, NLP65 and NFS110) or screw terminals (DNR, THF and ZX/SX200). Power supplies of SSL20/SSL40 series have an input AC cord and output MINI-DIN or JACK connector. You will find more detailed information of **battery chargers suitable for DIN-Rail mounting** in another data sheets.

B) DC/DC Converters on DIN-Rail:

The power supply system can contain one or more pieces of the chosen types of converters in accordance to customer's demand. There are used DC/DC converters for example of BXA, BXB, CXA, CXE, DCH, EXA, EXB, EXQ, FEC, FDC, ICH or JTA series located on a printed circuit board (PCB). The PCB is equipped with input and output terminals (for example MOLEX connectors, WAGO connectors or screw terminals) and also with a mechanism for DIN-Rail. You can find two examples of the solution of DC/DC Converters on DIN-Rail types of **MOD10W-DIN, MOD20W-DIN and MOD50W-350W-DIN** in the other data sheets.

C) Uninterruptible Power Supply Systems on DIN-Rail:

There is possible to create an Uninterruptible Power Supply (UPS) System with using of an AC/DC power supply according to the point A, a backed-up battery and also with using of DC/DC converters according to the point B. All components of the system including the battery can be fastened on DIN-Rail. You will find examples of solution of some UPS Systems with DC output voltage suitable for DIN-Rail placing types of **UPSDC-40W, UPSDC-80W and UPSDC-200W** in the other data sheets.

