

## Power Supply Units

### General Function

The device type znd-7 is a power supply unit for supplying measurement devices with supply voltages of 24VDC or 12VDC. The input and output voltages are DC-decoupled. Thus no potential delays can arise.

The power supply unit vnt gives out a voltage in the same way, but with an input voltage of 230VAC (or 115V AC).

Both of these power supply units are suitable for supplying devices with supply voltages of 24VDC, e.g. ilm-2 / -3, itm, or itm-2 / -4.

The power supply units znd-7 and vnt are integrated in a DIN-standard case for mounting on rails as per EN 50022 and equipped with plug-in terminal connections.



vnt



znd-7

### Features

- output 24VDC or 12VDC
- input / output DC-decoupled
- slim version
- plug-in terminal connections

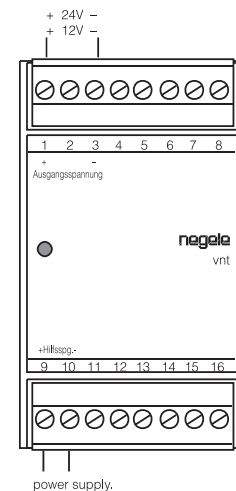
### Specification

Housing	DIN-standard case	ABS f. snap mount. as per EN50022
Dimensions	vnt	45x75x105mm (WxHxD)
	znd-7	22,5x75x105mm (WxHxD)
Protection Code		IP20, terminals guarded
Ambient	operating temp.	-10...+55°C
	storage temp.	-20...+70°C
	humidity	0...95%
Noise Immunity	accord. to IEC 801	class 2, CE-sign
Output	vnt	24VDC, Tol. $\pm 2\%$ typ. / 150mA or 12VDC, Tol. $\pm 2\%$ typ. / 230mA
	znd-7	$\pm 12$ VDC Tol. $\pm 2\%$ / $\pm 300$ mA, (7W max)
Load control	min. / max. load	$< \pm 0,2\%$
DC decoupling volt.	vnt	4kV
	znd-7	1kV
Supply voltage	vnt	24, 42, 115, 230V AC, 47...63Hz, 5VA,
	znd-7	24V DC 400mA max, $\pm 20\%$

### Order Markings and Types

supply volt. / model	output 24V	output 12V
24V DC	znd-7	znd-7
24V AC	vnt-24 24V AC	vnt-12 24V AC
115V AC	vnt-24 115V AC	vnt-12 115V AC
230V AC	vnt-24 230V AC	vnt-12 230V AC

### Connecting Plan vnt



### Connecting Plan znd-7

