

# POWER SUPPLIES

## Switch-Mode



**varixx**

## > Switching Power Supplies

Varixx power supplies are UL/CE certified and highly efficient. It has low noise emissions; an internal filter; led indicator; quick connection and short circuit protection. The housing is made of plastic material for DIN rail mounting. They are also low cost, light and compact.

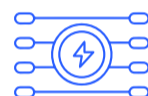
## > Benefits



Short circuit protection



Internal input filter



DIN rail mounting



Low noise emission



High efficiency



Screw connection terminals

## > Main Features

- UL/CE certified;
- High efficiency;
- Short circuit protection;
- Low noise emissions;
- Internal input filter;
- Status indicator LED;
- Quick connection;
- DIN rail mounting;
- Screw connection terminals.



## > Specifications table

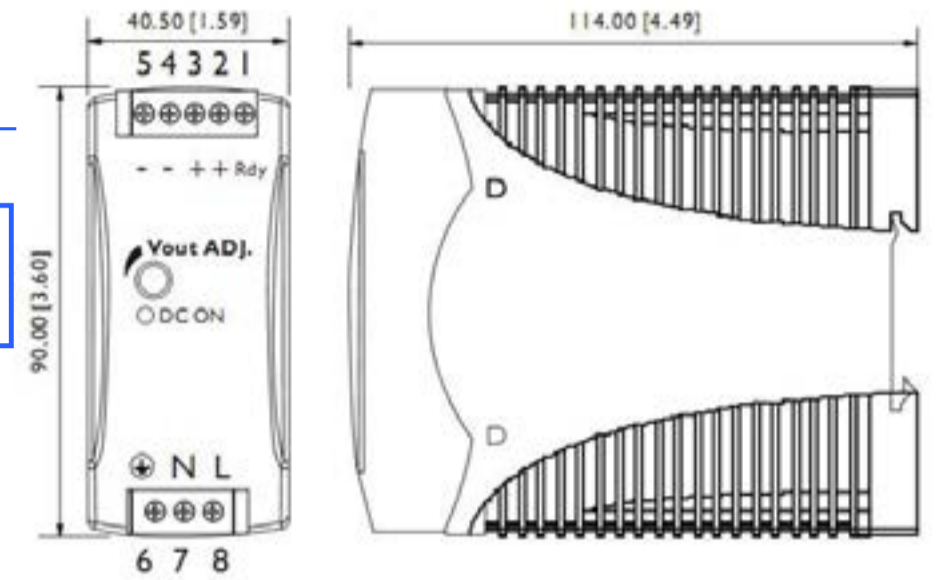
OUTPUT VOLTAGE	OUTPUT CURRENT	MODEL	AC INPUT VOLTAGE	DC INPUT VOLTAGE	POWER OUTPUT	MINIMUM EFFICIENCY	BASIC DIMENSIONS
5V	10A	VPS 5005	85~264 V <sub>AC</sub>	90~375 V <sub>DC</sub>	50 Watts	77% 79%	90 X 45,5 X 114
12V	5A	VPS 6012	85~264 V <sub>AC</sub>	90~375 V <sub>DC</sub>	60 Watts	84% 86%	90 X 45,5 X 114
	10A	VPS 12012	90~132 180~264 V <sub>AC</sub>	120~375 V <sub>DC</sub>	120 Watts	82% 84%	124,5 X 64 X 116,6
24V	2A	VPS 5024	85~264 V <sub>AC</sub>	90~375 V <sub>DC</sub>	50 Watts	86% 89%	90 X 45,5 X 114
	2,5A	VPS 6024	85~264 V <sub>AC</sub>	90~375 V <sub>DC</sub>	60 Watts	86% 89%	90 X 45,5 X 114
	5A	VPS 12024	90~132 180~264 V <sub>AC</sub>	120~375 V <sub>DC</sub>	120 Watts	84% 86%	124,5 X 64 X 116,6
	10A	VPS 24024	90~132 180~264 V <sub>AC</sub>	210~375 V <sub>DC</sub>	240 Watts	87% 89%	124,5 X 83,5 X 116,6
	20A	VPS 48024	90~264 V <sub>AC</sub>	120~375 V <sub>DC</sub>	480 Watts	86% 89%	125,5 X 175,5 X 116,6

## Pinout of each model

PINOUT	DESIGNATION	DESCRIPTION
1	RDY	Contacts NA - DC ON
2,3	OUTPUT	+
4,5	OUTPUT	-
7	INPUT	⏏
8		N
	INPUT	L
		OTHER
		Operation indicator

VPS 5005  
VPS 6024  
VPS 5024  
VPS 6024

VPS 5005  
VPS 6024  
VPS 5024  
VPS 6024

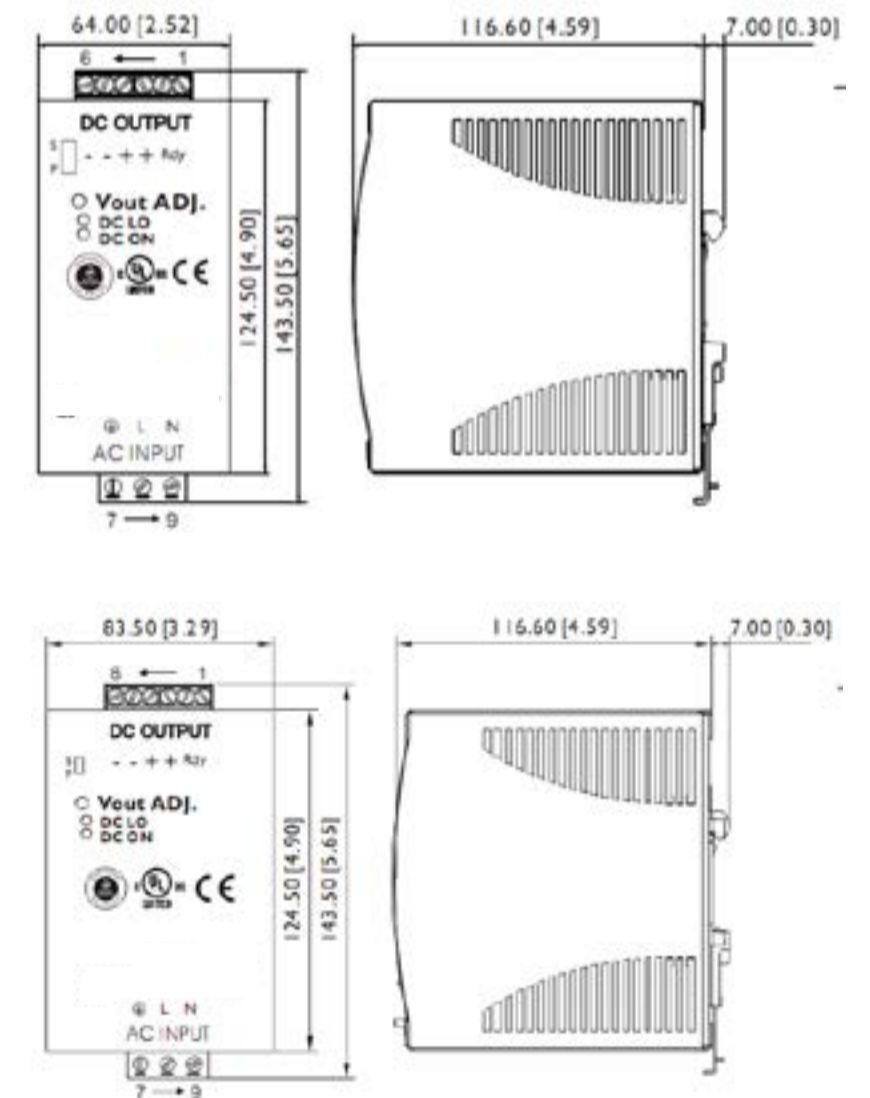


PINOUT	DESIGNATION	DESCRIPTION
1,2	OUTPUT	RDY
3,4	OUTPUT	V +
5,6	OUTPUT	V -
7	INPUT	⏏
8		L
9	INPUT	N
	OTHER	DC ON
		DC LO
		S / P
		Operation indicator
		Undervoltage indicator on output
		Parallel operations

VPS 12012  
VPS 12024  
VPS 24024

VPS 12012  
VPS 12024

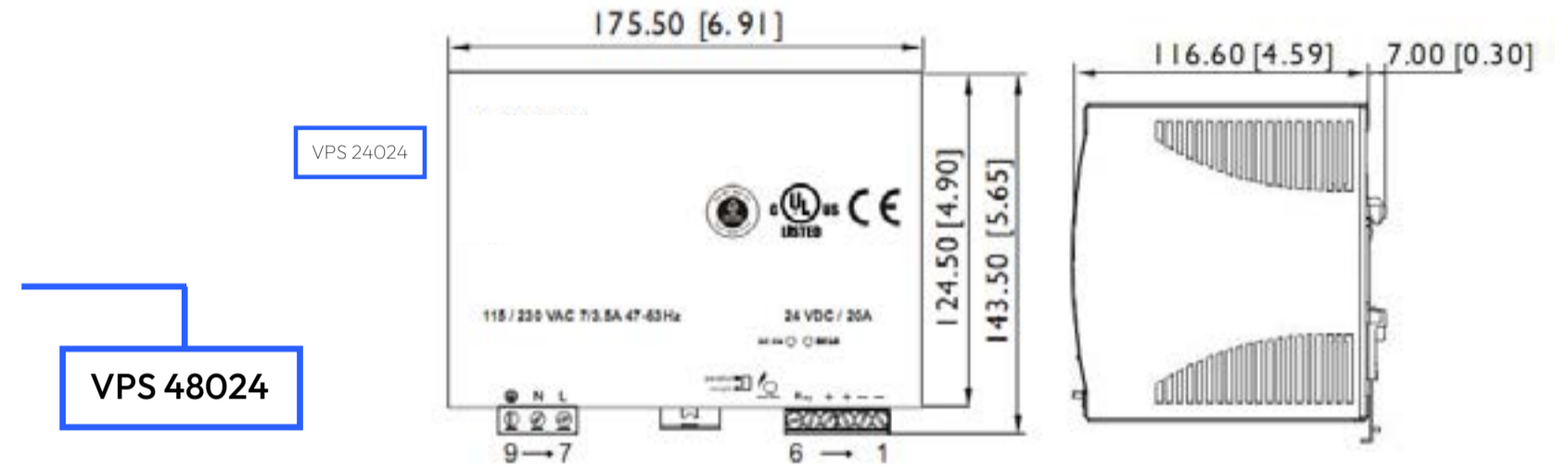
VPS 24024



## Pinout of each model

PINOUT	DESIGNATION		DESCRIPTION
1,2	OUTPUT	V +	Contacts NA - DC ON
3,4		V -	Positive output terminals
5,6		RDY	Negative output terminals
7	INPUT	L	Phase-to-ground (minimizes EMI)
8		N	Input terminals
9		⏏	Input terminals
	OTHER	DC ON	Operation indicator
		DC LO	Undervoltage indicator on output
		S / P	Parallel operations


## Check the model's dimensional drawings




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