

NEXONPRODUCT
distribution parts
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...líderes en soluciones de automatización!

Power Supplies





No compromises

The power supply is one of the key components in the machine's switching cabinet. It greatly influences the machine availability as required by the customer because all electrical components depend on the reliability of the power supply.

B&R is introducing a new power supply generation in order to meet many requirements of machine users and therefore the requirements for machine manufacturing.

All power supplies can handle a wide range of AC and DC input voltages and are approved for a wide temperature range. The power supplies have short-circuit, overload, and open-circuit protection. The devices also have a complete international certification package.

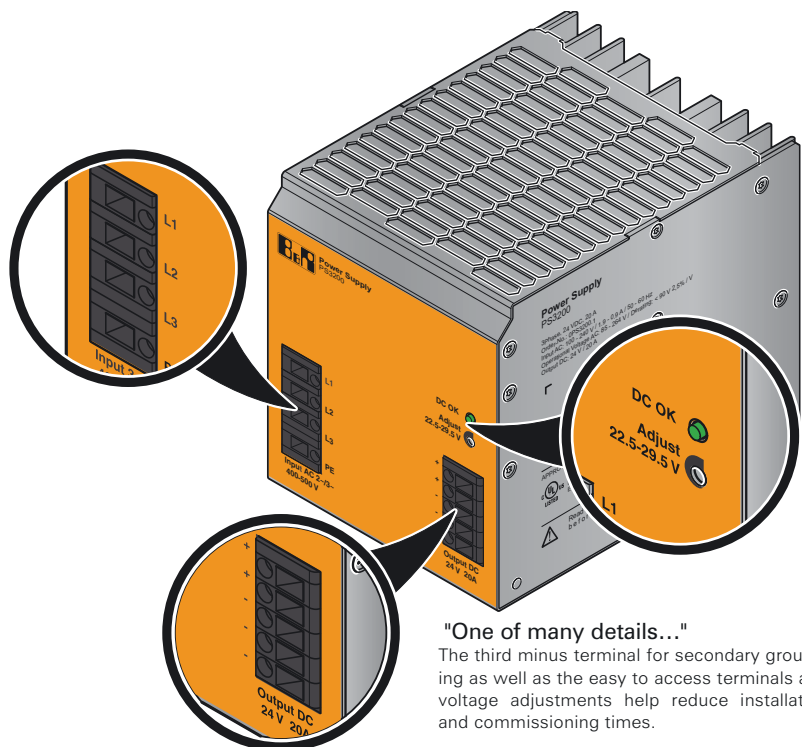
The compact and user-friendly construction of the devices saves space in stock and also in the switching cabinet. The terminals and voltage adjustments are easy to access, which helps reduce installation and commissioning times.

The functionality of the B&R power supplies meets the requirements for machine manufacturing precisely. The functionality does not include costly additional functions that are only relevant for special applications. This increases cost-effectiveness. In this way, B&R offers the optimal device for OEM machine manufacturing.

The power supply product range provides features suited to the requirements for series production machine manufacturing. In this way, B&R further contributes as a system provider to the cost optimization of your machines.

Highlights:

- Optimized devices reduce costs
- Dimensions save space
- An extensive product range meets the requirements of series production machine manufacturing
- Easy mounting rail installation
- Proven in the field
- Connection terminals are included in the delivery.



"One of many details..."

The third minus terminal for secondary grounding as well as the easy to access terminals and voltage adjustments help reduce installation and commissioning times.

Overview & Technical Data

Single-phase power supplies



	OPS1025.2	OPS1042.2	OPS1020.0	OPS1040.0	OPS1050.1	OPS1100.1	OPS1200.1
Input voltage range	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Rated output voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Rated output current	2.5 A	4.2 A	2 A	4 A	5 A	10 A	20 A
Efficiency	>86%	>88%	>88%	>88%	>89%	>89%	>91%
MTBF	> 500,000 h	> 500,000 h	> 500,000 h	> 500,000 h	> 500,000 h	> 500,000 h	> 500,000 h
Ambient temp. during operation	-25°C to +70°C	-25 to +70°C	-25 to +70°C	-25 to +70°C	-25 to +70°C	-25 to +70°C	-25 to +70°C
Dimensions (WxHxD)	72x90x61 mm	90x90x61 mm	45x99x107 mm	67.5x99x107 mm	40x130x115 mm	60x130x152.5 mm	115x130x152.5 mm

Three-phase power supplies



	OPS3050.1	OPS3100.1	OPS3200.1	OPS3400.1
Input voltage range	2x/ 3x 400 - 500 VAC	2x/ 3x 400 - 500 VAC	3x 400 - 500 VAC	3x 400 - 500 VAC
Rated output voltage	24 VDC	24 VDC	24 VDC	24 VDC
Rated output current	5 A	10 A	20 A	40 A
Efficiency	>89%	>89%	>91%	>92%
MTBF	> 500,000 h	> 500,000 h	> 500,000 h	> 500,000 h
Ambient temp. during operation	-25 to +70°C	-25 to +70°C	-25 to +70°C	-25 to +70°C
Dimensions (WxHxD)	40x130x115 mm	60x130x115 mm	115x130x152.5 mm	139x130x190 mm

Buffer module



	OPB0200.1
Input voltage range	24 VDC
Rated output voltage	24 VDC
Rated output current	0...20 A
Efficiency	>95%
MTBF	> 500,000 h
Ambient temp. during operation	-25 to +70°C
Dimensions (WxHxD)	64x130x125 mm

CORPORATE HEADQUARTERS

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