



www.phytron.co.uk/SPH

SPH 240 / 500 / 1013

Power supply units for stepper motor power stages and control units

The power supply units SPH 240 / 500 / 1013 are used to supply e.g. stepper motor power stages or stepper motor controllers. One power supply can supply several devices, depending on the load.

The SPH 240 can be directly connected to 230 or 115 V_{AC}, the mains voltage switch is used to change the voltage range. The SPH 500 and SPH 1013 power supply units switch automatically within the wide range input. The three-phase power supply SPH 1013 has an input range of 3 x 340 to 550 V_{AC}.

The mains input is internally fused, the output is permanently short circuit-proof. Best operation reliability is ensured by overtemperature protection, overvoltage protection and mains buffering.

A green LED indicates when the 24 V / 48 V or 72 V output voltage is ok.

The built-in fan makes the power supply unit ready for operation in any assembly position.

In Focus



- Input voltage range
SPH 240 / 500: 90...132 or 180...264 V_{AC}
SPH 1013: 3 x 340-550 V_{AC}
- Output voltage: 24 / 48 / 72 V_{DC}
- Output current: 5 to 20 A
- Power category: 240 / 480 / 960 W
- Internally protected mains input
- Permanently short circuit-proof output
- Overvoltage protection primary and secondary side
- Overtemperature protection
- Integrated fan
- DIN rail or wall mounting
- Any mounting position
- Product data sheets and safety instructions are available on the following website: www.mgv.de

Ordering Code

The variable elements of the product are displayed in colour.

Type
Power category/
Output
voltage
Mounting mode

Ordering code SPH 1013-4821 - W

Options

Power category-output voltage	240-2410 240-4805 500-2420 500-4810 500-7207 1013-4821 1013-7214	24 V _{DC} / 10 A / 240 W 48 V _{DC} / 5 A / 240 W 24 V _{DC} / 20 A / 480 W 48 V _{DC} / 10 A / 480 W 72 V _{DC} / 6.7 A / 480 W 48 V _{DC} / 20 A / 960 W 72 V _{DC} / 13.5 A / 960 W
Mounting mode	H W	Rear DIN rail Rear wall

Mating connectors are included in delivery.

Control

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