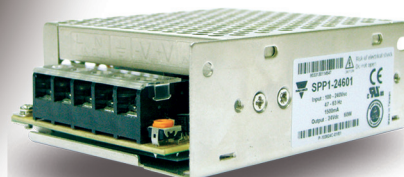


CARLO GAVAZZI
Automation Components



Enclosed Type Switching Power Supplies

20W, 35W and 60W



Control

Control

SPP1 - Enclosed type Switching Power Supplies

Carlo Gavazzi has introduced a new range of power supplies for the automation industry, Enclosed Type Power Supplies. Most features are included as standard. The selection process for the SPP1 is very simple: Choose the output voltage and the output power. These new products, as well as the existing SPD single phase power supplies, feature very compact designs, high efficiencies and solid specifications.

The Enclosed Switching Power Supply meets your needs for AC/DC and DC/DC power requirements. SPP provides a flexible power solution to the OEM that includes DC voltages from 5V to 24V at 20W, 35W and 60W for industrial control and automation applications. The entire range carries full certification and offers universal inputs and screw terminal connections. It has been designed for its performance.



**Space
Optimization**



**User
Friendly**



**Long Term
Reliability**



**Diagnostic
Warning**



High Efficiency

The SPP Power Supplies typical efficiency is very high: up to 89%. Most of the product range meets the ErP (Eco-design Directive for Energy related products).

Short circuit protection

An embedded short circuit protection ensures the safety of the whole unit.

Low Stand-by power consumption

The product has been designed to have limited Power consumption in stand-by condition.

Universal Input

On all models the rated input voltage is automatically selected by the Power Supply (88~264 VAC). They can also be powered with DC voltage (120~375 VDC).

Approvals and Warranty

All SPP1s are approved according to the related European and North American safety standards. All models feature a two year warranty.



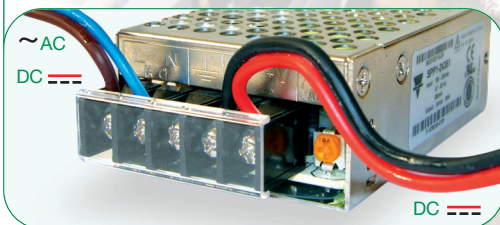
Market Application

The principal markets for these new Power Supplies are large original equipment manufacturers (OEMs) and smaller simple machine manufacturers. Other markets are in vending machines, food & beverage and end users.



Connection

The Enclosed Switching Power Supply meets your needs for AC/DC and DC/DC power requirements.



Product Features

Universal AC input full range

All the devices can be supplied by 88 to 264VAC or 120 to 375DC.

Output Power

Three different outputs are available: 20W, 35W and 60W.

Output Voltage

Four different outputs are available: 5V, 12V, 15V, and 24 VDC.

Low stand-by power consumption

The power consumption of the device is less than 0.3W.

Part Numbers



- SPP1-05201** Enclosed PS 5Vdc 20W
- SPP1-12201** Enclosed PS 12Vdc 20W
- SPP1-15201** Enclosed PS 15Vdc 20W
- SPP1-24201** Enclosed PS 24Vdc 20W

- SPP1-05351** Enclosed PS 5Vdc 35W
- SPP1-12351** Enclosed PS 12Vdc 35W
- SPP1-15351** Enclosed PS 15Vdc 35W
- SPP1-24351** Enclosed PS 24Vdc 35W



- SPP1-05601** Enclosed PS 5Vdc 60W
- SPP1-12601** Enclosed PS 12Vdc 60W
- SPP1-15601** Enclosed PS 15Vdc 60W
- SPP1-24601** Enclosed PS 24Vdc 60W

Compact Dimensions

The Enclosed power supplies feature very compact design, high efficiency and overall high specifications.

20W

Dimensions LxWxD mm (inch)
92 x 54 x 30 (3.62 x 2.13 x 1.18)

Dimensions LxWxD mm (inch)
75 x 51 x 28 (3.07 x 2 x 1.1)

35W

60W

Dimensions LxWxD mm (inch)
98 x 82 x 35 (3.86 x 3.23 x 1.38)

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CARLO GAVAZZI
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