

Dual Channel Power Supply v4 BPS109

DESCRIPTION

The OPS109 is an ac powered auxiliary power supply with two isolated outputs. By external inter-wiring (see connection diagrams next page) the two channels can be used in parallel, in series or bipolar. All models have power transient protection as standard. A green LED indicates power on.

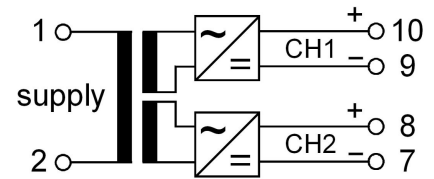


Typical Applications

- 2-wire process loop supply.
- Instrument supply.
- Strain gauge excitation.

General Specifications

Size: 52 W x 70 H x 110 D (mm).
 Mounting: DIN-Rail, gear plate.
 Termination: Screw terminals on front.
 Protection class: IP40.
 Weight: 0.300 kg.
 Housing material: ABS.
 Output voltage regulation: $\pm 0.1V$ up to maximum specified load
 Ripple: 4mVpp at max. spec. load.
 Temperature effect: 0.01% per °C.
 Operating temp. range: -10...+60°C.
 Storage temp. range: -20...+70°C.
 Isolation input/CH1/CH2: 2kV rms per channel.
 Output Power: 1W (Standard).
 High power output: 6W per channel (Output options 16).
 Electromagnetic compatibility: complies with CE and AS/NZS



Type Number

BPS109 - X XX 0 0 X

Input (Supply):

- 1 = 240V, 50/60Hz $\pm 10\%$, 4W. For dc supply refer to the PS209.
- 2 = 120V, 50/60Hz $\pm 10\%$, 4W.
- 3 = 24V, 50/60Hz $\pm 10\%$, 4W. *) 9 = Other specify.

Output:

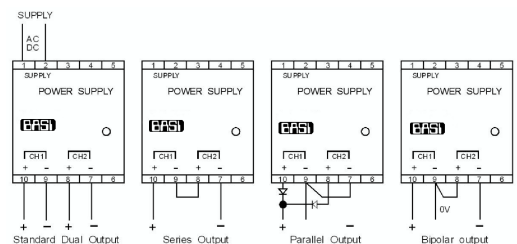
- 02 = 2x24Vdc, 40mA. *) 16 = 2x24Vdc, 250mA (240/120Vac only).
- 03 = 2x15Vdc, 60mA. *) 17 = 2x15Vdc, 200mA (240/120Vac only)
- 04 = 2x12Vdc, 50mA.
- 05 = 2x10Vdc, 50mA. *) 99 = Other specify.

Options:

- 0 = None.
- *) 2 = Power fail relay.
- 6 = One channel only. Adjustable 5...15Vdc, 25mA.
- *) 9 = Other specify.

*) = Price Extra.

Connection Diagrams



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