

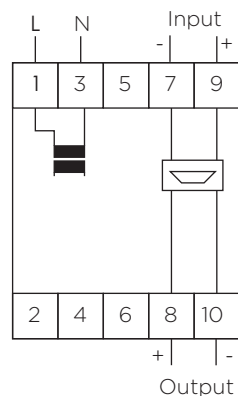
Current Converter



Description

The latest micro-controller technology with sophisticated analogue converters made it possible to produce high accuracy converters with a wide variety of inputs and outputs.

Wiring Diagram



FEATURES

- Analogue Microprocessor controlled
- 10 bit resolution
- High linearity
- Fast response time
- Modular 35.5mm DIN rail mountable
- LED indication for power supply ON

Input Specifications

Input 0-5A
0-15A

Isolation 600V

Output Specifications

Output Specifications 4-20mA

0-20mA

1-5Vdc

0-10Vdc

Linear Accuracy $\leq 0.2\%$

Accuracy $\pm 0.5\%$

Response Time $\pm 0.5s$

Output Variation $\leq 0.05\% / V$

within rated power $\leq 0.2\% / C$

supply and ambient
temperature

Supply Specifications

Power Supply AC Type 110, 230, 400V

(Galvanic) 525V $\pm 10\%$

50 / 60 Hz $\pm 5\text{Hz}$

Isolation 4kV

Consumption $\pm 3\text{VA}$

$\pm 6\text{VA}$ 525 V

Power Supply DC Types 12,24,48 V $\pm 10\%$

(Non-galvanic)

Isolation None

Consumption $\pm 100 \text{ mA}$

General Specifications

Power ON Delay $\leq 300 \text{ ms}$

Power OFF Delay $\leq 200 \text{ ms}$

Indication

Power Supply ON LED green

Environment

Degree Of Protection IP 20

Operating Temperature -10 to $+50^{\circ}\text{C}$

Storage Temperature -50 to $+85^{\circ}\text{C}$

Weight 200g