



DC/AC CURRENT SENSOR (HALL)

CS series of Current Sensors are designed using Hall elements for measurements of DC or AC electric current with high linearity and accuracy. Typical input voltage for CS series is $\pm 15V$. It is a solution for isolating the sensor output and the current carrying conductor.

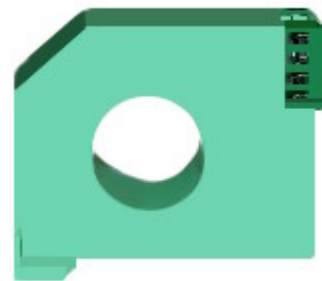
KEY FEATURES

- Small Size
- Low cost
- High linearity
- High accuracy

CURRENT INPUT	OUTPUT	PART NUMBER	OUTPUT	PART NUMBER
0-10-100A	50mA	CS100-A	5V	CS100-V
0-50-200A	100mA	CS200-A	5V	CS200-V
0-200-500A	200mA	CS500-A	5V	CS500-V
0-1500-3000A	500mA	CS3000-A	5V	CS3000-V
0-3000-5000A	500mA	CS5000-A	5V	CS5000-V

SPECIFICATIONS

- Input Voltage: DC $\pm 15V$
- Linearity: 0.5% FS
- Frequency: 0-10KHz
- Load: 5mA for 5V output
6V for mA output
- Temperature: $-20^{\circ}C - 70^{\circ}C$
- Isolation: 3000V, 1 minute



DIMENSION

- $25 \times 25 \times 60 \times 70$ (mm³) for 0-500A
- $50 \times 200 \times 300$ (mm³) for 0-5000A

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