



EA20BB010 Current Sensor 0-100A

Product Images



Short Description

The EA20 Series provides accurate load level monitoring of DC current loads. Using Pulse Reset Technology™ with proven transducer circuitry, providing a superior solution for applications involving DC currents.

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The EA20 Series provides accurate load level monitoring of DC current loads. Using Pulse Reset Technology™ with proven transducer circuitry, providing a superior solution for applications involving DC currents. It has

no risk of permanent magnetization, ensuring longer life than traditional Hall Effect sensors. The product is factory calibrated to the listed current span.

APPLICATIONS

- Solar applications
- Battery chargers
- Motor armature current
- Motor field current
- Automotive loads
- Marine equipment
- Telecom

Full-featured product maximizes versatility

- Patented Pulse Reset Technology™ significantly increases accuracy...sensor is not affected by stray magnetic fields...no worry of magnetization from over-current faults
- Factory calibrated to the listed current span
- Self-gripping iris for easy installation
- Status LED ensures proper wiring...easy set up
- Mounting bracket can attach to housing in three places...installation flexibility
- Bracket is compatible with the AH01 DIN rail clip...mount product onto standard DIN rail
- 5-year limited warranty

Specifications

- System Technology Exclusive Pulse Reset Technology™
- Amperage Range 100 ADC
- Sensor Supply Voltage 12-24VDC
- Supply Current 35mA max.**
- Insulation Class 1000VDC
- Temperature Range -30° to 60°C (-22° to 140°F)
- Humidity Range 10-90% RH non-condensing
- Output 4-20mA
- Accuracy $\pm 0.5A$ (combined linearity, hysteresis, and repeatability)***
- Withstand Current 25,000ADC

** At zero load current: 35mA max.; at 200mA load current: 55mA to 100mA depending on supply voltage and current polarity.*** For single conductor through product (no wraps).

Range: 0-100A

Additional Information

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| Brand | Veris Industries |
| Housing | Split-Core |
| Project Type | Retrofit Project |
| Range | 0-100 A |
| Typical Application | Unidirectional |
| Typical applications | Energy |