



KET-SHA-001.21

- Applications
- Monitoring consumption

Hall effect openable current sensor with 10 A measuring range

- Open loop structure
- Easy to install
- Measuring range 10 A
- High precision and good linearity

The **KET-SHA-001.21** is part of a series of newly developed open-loop **Hall current sensors** that can be used to detect DC, AC current signals, even high frequency, pulse and irregular current signals. Isolated on the primary and secondary side, **it ensures maximum electrical safety**. Equipped with 2 m long connection cable, with RJ12 connector, through which power is supplied from a single external DC and stabilized voltage.

Technical Features	
General specifications	Protection Range: Operative Temperature: -25 ÷ +80 °C Storage Temperature: -40 ÷ +85 °C Relative Humidity:
Case	Dimensions: 60 x 61 x 20.5 mm (W x H x D) Connections: Mounting: Cable Diameter: Max 21 mm Bar Size: Material: Self extinguishing: UL 94 V-0 Weight:
Power supply	Supply Voltage: +5 (±1%)VDC Consumption: <=15 mA Connectors types: RJ12 (6P4C)
Current sensor	Sensor Type: Hall effect openable sensor Current Range: ±10 A Voltage Output: 1.875 ÷ 3.125 V Internal Resistance: >=10 kOhm Typical Sensitivity: Precision: <=2 .0% (T=25°C VC=±15V) Tolerance: Linearity: <=2 .0% (T=25°C) Linearity Range: Nonlinearity: Hi Pot Test: 3.0 kV/Min Temperature Drift: Noise Spectral Density:
Certifications	Referends Standard: RoHS Compliant Approvals: Security: Metrology: