



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-o 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: